

Appendix H

Laboratory Reports



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 14, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project 2009-138
Laboratory Reference No. 1005-034

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on May 5, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: May 14, 2010
Samples Submitted: May 5, 2010
Laboratory Reference: 1005-034
Project: 2009-138

Case Narrative

Samples were collected on May 3, 2010 and received by the laboratory on May 5, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx and Volatiles EPA 8260B Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Total Metals EPA 6010B/7471A Analysis

Due to the high concentration of Manganese in the QC sample, the amount spiked was insufficient for meaningful MS/MSD recovery data. The Spike Blank recovery was 104%.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: May 14, 2010
 Samples Submitted: May 5, 2010
 Laboratory Reference: 1005-034
 Project: 2009-138

NWTPH-Dx

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Date	Date	Flags
			Prepared	Analyzed	
Lab ID:	05-034-01				
Client ID:	WSP-MW-09-SB-06				
Diesel Range	ND	29	5-6-10	5-6-10	
Lube Oil Range	ND	59	5-6-10	5-6-10	
Surrogate: o-terphenyl	63%	50-150			

Date of Report: May 14, 2010
Samples Submitted: May 5, 2010
Laboratory Reference: 1005-034
Project: 2009-138

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-6-10
Date Analyzed: 5-6-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0506S1

Diesel Range: **ND**

PQL: 25

Identification: ---

Lube Oil Range: **ND**

PQL: 50

Identification: ---

Surrogate Recovery

o-Terphenyl: 66%

Flags:

Date of Report: May 14, 2010
Samples Submitted: May 5, 2010
Laboratory Reference: 1005-034
Project: 2009-138

**NWTPH-Dx
DUPLICATE QUALITY CONTROL**

Date Extracted: 5-6-10
Date Analyzed: 5-6-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-027-08 05-027-08 DUP

Diesel Range: **ND** **ND**
PQL: 25 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 85% 87%

Flags:

Date of Report: May 14, 2010
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 Project: 2009-138

VOLATILES by EPA 8260B
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Date Extracted: 5-6-10
 Date Analyzed: 5-6-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 05-034-01
Client ID: WSP-MW-09-SB-06

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0015
Chloromethane	ND		0.0074
Vinyl Chloride	ND		0.0015
Bromomethane	ND		0.0015
Chloroethane	ND		0.0074
Trichlorofluoromethane	ND		0.0015
1,1-Dichloroethene	ND		0.0015
Acetone	0.053		0.0074
Iodomethane	ND		0.0074
Carbon Disulfide	ND		0.0015
Methylene Chloride	ND		0.0074
(trans) 1,2-Dichloroethene	ND		0.0015
Methyl t-Butyl Ether	ND		0.0015
1,1-Dichloroethane	ND		0.0015
Vinyl Acetate	ND		0.0074
2,2-Dichloropropane	ND		0.0015
(cis) 1,2-Dichloroethene	ND		0.0015
2-Butanone	ND		0.0074
Bromochloromethane	ND		0.0015
Chloroform	ND		0.0015
1,1,1-Trichloroethane	ND		0.0015
Carbon Tetrachloride	ND		0.0015
1,1-Dichloropropene	ND		0.0015
Benzene	ND		0.0015
1,2-Dichloroethane	ND		0.0015
Trichloroethene	ND		0.0015
1,2-Dichloropropane	ND		0.0015
Dibromomethane	ND		0.0015
Bromodichloromethane	ND		0.0015
2-Chloroethyl Vinyl Ether	ND		0.0074
(cis) 1,3-Dichloropropene	ND		0.0015
Methyl Isobutyl Ketone	ND		0.0074
Toluene	ND		0.0074
(trans) 1,3-Dichloropropene	ND		0.0015

Date of Report: May 14, 2010
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Lab ID: 05-034-01
 Client ID: WSP-MW-09-SB-06

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0015
Tetrachloroethene	ND		0.0015
1,3-Dichloropropane	ND		0.0015
2-Hexanone	ND		0.0074
Dibromochloromethane	ND		0.0015
1,2-Dibromoethane	ND		0.0015
Chlorobenzene	ND		0.0015
1,1,1,2-Tetrachloroethane	ND		0.0015
Ethylbenzene	ND		0.0015
m,p-Xylene	ND		0.0030
o-Xylene	ND		0.0015
Styrene	ND		0.0015
Bromoform	ND		0.0015
Isopropylbenzene	ND		0.0015
Bromobenzene	ND		0.0015
1,1,2,2-Tetrachloroethane	ND		0.0015
1,2,3-Trichloropropane	ND		0.0015
n-Propylbenzene	ND		0.0015
2-Chlorotoluene	ND		0.0015
4-Chlorotoluene	ND		0.0015
1,3,5-Trimethylbenzene	ND		0.0015
tert-Butylbenzene	ND		0.0015
1,2,4-Trimethylbenzene	ND		0.0015
sec-Butylbenzene	ND		0.0015
1,3-Dichlorobenzene	ND		0.0015
p-Isopropyltoluene	ND		0.0015
1,4-Dichlorobenzene	ND		0.0015
1,2-Dichlorobenzene	ND		0.0015
n-Butylbenzene	ND		0.0015
1,2-Dibromo-3-chloropropane	ND		0.0074
1,2,4-Trichlorobenzene	ND		0.0015
Hexachlorobutadiene	ND		0.0074
Naphthalene	ND		0.0015
1,2,3-Trichlorobenzene	ND		0.0015

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	105	66-128
Toluene-d8	112	68-126
4-Bromofluorobenzene	114	53-134

Date of Report: May 14, 2010
 Samples Submitted: May 5, 2010
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Date Extracted: 5-6-10
 Date Analyzed: 5-6-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0506S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 14, 2010
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0506S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	100	66-128
Toluene-d8	112	68-126
4-Bromofluorobenzene	101	53-134

Date of Report: May 14, 2010
 Samples Submitted: May 5, 2010
 Laboratory Reference: 1005-034
 Project: 2009-138

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 5-6-10
 Date Analyzed: 5-6-10
 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0506S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0496	99	0.0500	100	70-130	
Benzene	0.0500	0.0456	91	0.0479	96	70-121	
Trichloroethene	0.0500	0.0423	85	0.0404	81	70-124	
Toluene	0.0500	0.0541	108	0.0522	104	70-123	
Chlorobenzene	0.0500	0.0465	93	0.0465	93	71-119	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	14	
Benzene	5	10	
Trichloroethene	5	12	
Toluene	3	12	
Chlorobenzene	0	9	

Date of Report: May 14, 2010
 Samples Submitted: May 5, 2010
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SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-09-SB-06					
Laboratory ID:	05-034-01					
n-Nitrosodimethylamine	ND	0.039	EPA 8270	5-7-10	5-10-10	
Pyridine	ND	0.39	EPA 8270	5-7-10	5-10-10	
Phenol	ND	0.039	EPA 8270	5-7-10	5-10-10	
Aniline	ND	0.039	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroethyl)ether	ND	0.039	EPA 8270	5-7-10	5-10-10	
2-Chlorophenol	ND	0.039	EPA 8270	5-7-10	5-10-10	
1,3-Dichlorobenzene	ND	0.039	EPA 8270	5-7-10	5-10-10	
1,4-Dichlorobenzene	ND	0.039	EPA 8270	5-7-10	5-10-10	
Benzyl alcohol	ND	0.039	EPA 8270	5-7-10	5-10-10	
1,2-Dichlorobenzene	ND	0.039	EPA 8270	5-7-10	5-10-10	
2-Methylphenol (o-Cresol)	ND	0.039	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroisopropyl)ether	ND	0.039	EPA 8270	5-7-10	5-10-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.039	EPA 8270	5-7-10	5-10-10	
n-Nitroso-di-n-propylamine	ND	0.039	EPA 8270	5-7-10	5-10-10	
Hexachloroethane	ND	0.039	EPA 8270	5-7-10	5-10-10	
Nitrobenzene	ND	0.039	EPA 8270	5-7-10	5-10-10	
Isophorone	ND	0.039	EPA 8270	5-7-10	5-10-10	
2-Nitrophenol	ND	0.039	EPA 8270	5-7-10	5-10-10	
2,4-Dimethylphenol	ND	0.98	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroethoxy)methane	ND	0.039	EPA 8270	5-7-10	5-10-10	
2,4-Dichlorophenol	ND	0.039	EPA 8270	5-7-10	5-10-10	
1,2,4-Trichlorobenzene	ND	0.039	EPA 8270	5-7-10	5-10-10	
Naphthalene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
4-Chloroaniline	ND	0.039	EPA 8270	5-7-10	5-10-10	
Hexachlorobutadiene	ND	0.039	EPA 8270	5-7-10	5-10-10	
4-Chloro-3-methylphenol	ND	0.039	EPA 8270	5-7-10	5-10-10	
2-Methylnaphthalene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
1-Methylnaphthalene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
Hexachlorocyclopentadiene	ND	0.039	EPA 8270	5-7-10	5-10-10	
2,4,6-Trichlorophenol	ND	0.039	EPA 8270	5-7-10	5-10-10	
2,3-Dichloroaniline	ND	0.039	EPA 8270	5-7-10	5-10-10	
2,4,5-Trichlorophenol	ND	0.039	EPA 8270	5-7-10	5-10-10	
2-Chloronaphthalene	ND	0.039	EPA 8270	5-7-10	5-10-10	
2-Nitroaniline	ND	0.039	EPA 8270	5-7-10	5-10-10	
1,4-Dinitrobenzene	ND	0.039	EPA 8270	5-7-10	5-10-10	
Dimethylphthalate	ND	0.039	EPA 8270	5-7-10	5-10-10	
1,3-Dinitrobenzene	ND	0.20	EPA 8270	5-7-10	5-10-10	
2,6-Dinitrotoluene	ND	0.039	EPA 8270	5-7-10	5-10-10	
1,2-Dinitrobenzene	ND	0.039	EPA 8270	5-7-10	5-10-10	
Acenaphthylene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
3-Nitroaniline	ND	0.039	EPA 8270	5-7-10	5-10-10	

Date of Report: May 14, 2010
 Samples Submitted: May 5, 2010
 Laboratory Reference: 1005-034
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-09-SB-06					
Laboratory ID:	05-034-01					
2,4-Dinitrophenol	ND	0.20	EPA 8270	5-7-10	5-10-10	
Acenaphthene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
4-Nitrophenol	ND	0.039	EPA 8270	5-7-10	5-10-10	
2,4-Dinitrotoluene	ND	0.039	EPA 8270	5-7-10	5-10-10	
Dibenzofuran	ND	0.039	EPA 8270	5-7-10	5-10-10	
2,3,5,6-Tetrachlorophenol	ND	0.039	EPA 8270	5-7-10	5-10-10	
2,3,4,6-Tetrachlorophenol	ND	0.039	EPA 8270	5-7-10	5-10-10	
Diethylphthalate	ND	0.20	EPA 8270	5-7-10	5-10-10	
4-Chlorophenyl-phenylether	ND	0.039	EPA 8270	5-7-10	5-10-10	
4-Nitroaniline	ND	0.039	EPA 8270	5-7-10	5-10-10	
Fluorene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
4,6-Dinitro-2-methylphenol	ND	0.20	EPA 8270	5-7-10	5-10-10	
n-Nitrosodiphenylamine	ND	0.039	EPA 8270	5-7-10	5-10-10	
1,2-Diphenylhydrazine	ND	0.039	EPA 8270	5-7-10	5-10-10	
4-Bromophenyl-phenylether	ND	0.039	EPA 8270	5-7-10	5-10-10	
Hexachlorobenzene	ND	0.039	EPA 8270	5-7-10	5-10-10	
Pentachlorophenol	ND	0.20	EPA 8270	5-7-10	5-10-10	
Phenanthrene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
Anthracene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
Carbazole	ND	0.039	EPA 8270	5-7-10	5-10-10	
Di-n-butylphthalate	ND	0.039	EPA 8270	5-7-10	5-10-10	
Fluoranthene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
Benzidine	ND	0.39	EPA 8270	5-7-10	5-10-10	
Pyrene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
Butylbenzylphthalate	ND	0.039	EPA 8270	5-7-10	5-10-10	
bis-2-Ethylhexyladipate	ND	0.039	EPA 8270	5-7-10	5-10-10	
3,3'-Dichlorobenzidine	ND	0.39	EPA 8270	5-7-10	5-10-10	
Benzo[a]anthracene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
Chrysene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
bis(2-Ethylhexyl)phthalate	ND	0.039	EPA 8270	5-7-10	5-10-10	
Di-n-octylphthalate	ND	0.039	EPA 8270	5-7-10	5-10-10	
Benzo[b]fluoranthene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[k]fluoranthene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[a]pyrene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
Indeno[1,2,3-cd]pyrene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
Dibenz[a,h]anthracene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[g,h,i]perylene	ND	0.0078	EPA 8270/SIM	5-7-10	5-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>50</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>56</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>52</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>53</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>56</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>66</i>	<i>44 - 121</i>				

Date of Report: May 14, 2010
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 Laboratory Reference: 1005-034
 Project: 2009-138

**SEMIVOLATILES by EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0507S2					
n-Nitrosodimethylamine	ND	0.033	EPA 8270	5-7-10	5-10-10	
Pyridine	ND	0.33	EPA 8270	5-7-10	5-10-10	
Phenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
Aniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroethyl)ether	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Chlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,3-Dichlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,4-Dichlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Benzyl alcohol	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,2-Dichlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Methylphenol (o-Cresol)	ND	0.033	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroisopropyl)ether	ND	0.033	EPA 8270	5-7-10	5-10-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.033	EPA 8270	5-7-10	5-10-10	
n-Nitroso-di-n-propylamine	ND	0.033	EPA 8270	5-7-10	5-10-10	
Hexachloroethane	ND	0.033	EPA 8270	5-7-10	5-10-10	
Nitrobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Isophorone	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Nitrophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4-Dimethylphenol	ND	0.83	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroethoxy)methane	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4-Dichlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,2,4-Trichlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Naphthalene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
4-Chloroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
Hexachlorobutadiene	ND	0.033	EPA 8270	5-7-10	5-10-10	
4-Chloro-3-methylphenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
1-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Hexachlorocyclopentadiene	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4,6-Trichlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,3-Dichloroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4,5-Trichlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Chloronaphthalene	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Nitroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,4-Dinitrobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Dimethylphthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,3-Dinitrobenzene	ND	0.17	EPA 8270	5-7-10	5-10-10	
2,6-Dinitrotoluene	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,2-Dinitrobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Acenaphthylene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
3-Nitroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	

Date of Report: May 14, 2010
 Samples Submitted: May 5, 2010
 Laboratory Reference: 1005-034
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0507S2					
2,4-Dinitrophenol	ND	0.17	EPA 8270	5-7-10	5-10-10	
Acenaphthene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
4-Nitrophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4-Dinitrotoluene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Dibenzofuran	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,3,5,6-Tetrachlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,3,4,6-Tetrachlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
Diethylphthalate	ND	0.17	EPA 8270	5-7-10	5-10-10	
4-Chlorophenyl-phenylether	ND	0.033	EPA 8270	5-7-10	5-10-10	
4-Nitroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
Fluorene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
4,6-Dinitro-2-methylphenol	ND	0.17	EPA 8270	5-7-10	5-10-10	
n-Nitrosodiphenylamine	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,2-Diphenylhydrazine	ND	0.033	EPA 8270	5-7-10	5-10-10	
4-Bromophenyl-phenylether	ND	0.033	EPA 8270	5-7-10	5-10-10	
Hexachlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Pentachlorophenol	ND	0.17	EPA 8270	5-7-10	5-10-10	
Phenanthrene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Anthracene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Carbazole	ND	0.033	EPA 8270	5-7-10	5-10-10	
Di-n-butylphthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
Fluoranthene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Benzidine	ND	0.33	EPA 8270	5-7-10	5-10-10	
Pyrene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Butylbenzylphthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
bis-2-Ethylhexyladipate	ND	0.033	EPA 8270	5-7-10	5-10-10	
3,3'-Dichlorobenzidine	ND	0.33	EPA 8270	5-7-10	5-10-10	
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Chrysene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
bis(2-Ethylhexyl)phthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
Di-n-octylphthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[k]fluoranthene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Indeno[1,2,3-cd]pyrene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>59</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>64</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>60</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>62</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>69</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>76</i>	<i>44 - 121</i>				

Date of Report: May 14, 2010
 Samples Submitted: May 5, 2010
 Laboratory Reference: 1005-034
 Project: 2009-138

**SEMIVOLATILES by EPA 8270D/SIM
 MS/MSD QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit
MATRIX SPIKES										
Laboratory ID:	05-048-01									
	MS	MSD	MS	MSD		MS	MSD			
Phenol	0.983	0.874	1.33	1.33	ND	74	66	31 - 111	12	27
2-Chlorophenol	0.955	0.849	1.33	1.33	ND	72	64	36 - 106	12	32
1,4-Dichlorobenzene	0.346	0.327	0.667	0.667	ND	52	49	25 - 96	6	42
n-Nitroso-di-n-propylamine	0.510	0.456	0.667	0.667	ND	76	68	37 - 107	11	36
1,2,4-Trichlorobenzene	0.405	0.371	0.667	0.667	ND	61	56	29 - 101	9	31
4-Chloro-3-methylphenol	1.14	1.08	1.33	1.33	ND	86	81	47 - 112	5	18
Acenaphthene	0.533	0.493	0.667	0.667	ND	80	74	43 - 104	8	19
4-Nitrophenol	1.12	1.08	1.33	1.33	ND	84	81	24 - 133	4	18
2,4-Dinitrotoluene	0.548	0.524	0.667	0.667	ND	82	79	42 - 117	4	19
Pentachlorophenol	1.18	1.10	1.33	1.33	ND	89	83	25 - 135	7	20
Pyrene	0.616	0.572	0.667	0.667	ND	92	86	29 - 129	7	29
<i>Surrogate:</i>										
2-Fluorophenol						65	60	22 - 107		
Phenol-d6						78	71	28 - 116		
Nitrobenzene-d5						71	67	25 - 111		
2-Fluorobiphenyl						75	72	35 - 108		
2,4,6-Tribromophenol						76	73	42 - 118		
Terphenyl-d14						85	85	44 - 121		

Date of Report: May 14, 2010
 Samples Submitted: May 5, 2010
 Laboratory Reference: 1005-034
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	05-034-01					
Client ID:	WSP-MW-09-SB-06					
Arsenic	ND	12	6010B	5-12-10	5-12-10	
Cadmium	ND	0.59	6010B	5-12-10	5-12-10	
Chromium	17	0.59	6010B	5-12-10	5-12-10	
Copper	25	2.1	6010B	5-12-10	5-12-10	
Lead	9.3	5.9	6010B	5-12-10	5-12-10	
Manganese	540	0.59	6010B	5-12-10	5-12-10	
Mercury	ND	0.29	7471A	5-12-10	5-12-10	

Date of Report: May 14, 2010
Samples Submitted: May 5, 2010
Laboratory Reference: 1005-034
Project: 2009-138

**TOTAL METALS
EPA 6010B/7471A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-12-10
Date Analyzed: 5-12-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0512S1&MB0512S3

Analyte	Method	Result	PQL
Arsenic	6010B	ND	10
Cadmium	6010B	ND	0.50
Chromium	6010B	ND	0.50
Copper	6010B	ND	1.8
Lead	6010B	ND	5.0
Manganese	6010B	ND	0.50
Mercury	7471A	ND	0.25

Date of Report: May 14, 2010
 Samples Submitted: May 5, 2010
 Laboratory Reference: 1005-034
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 5-12-10
 Date Analyzed: 5-12-10
 Matrix: Soil
 Units: mg/kg (ppm)
 Lab ID: 05-048-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	10	
Cadmium	ND	ND	NA	0.50	
Chromium	15.5	14.9	4	0.50	
Copper	24.1	23.9	1	1.8	
Lead	11.0	11.6	6	5.0	
Manganese	605	542	11	0.50	
Mercury	ND	ND	NA	0.25	

Date of Report: May 14, 2010
 Samples Submitted: May 5, 2010
 Laboratory Reference: 1005-034
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A
 MS/MSD QUALITY CONTROL**

Date Extracted: 5-12-10

Date Analyzed: 5-12-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-048-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	101	101	100	100	1	
Cadmium	50	43.7	87	43.8	88	0	
Chromium	100	102	86	101	86	1	
Copper	50	76.0	104	75.8	103	0	
Lead	250	217	82	219	83	1	
Manganese	100	706	100	674	69	5	A
Mercury	0.50	0.482	96	0.473	95	2	

Date of Report: May 14, 2010
Samples Submitted: May 5, 2010
Laboratory Reference: 1005-034
Project: 2009-138

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-09-SB-06					
Laboratory ID:	05-034-01					
Gasoline	ND	7.0	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	55-127				

Date of Report: May 14, 2010
 Samples Submitted: May 5, 2010
 Laboratory Reference: 1005-034
 Project: 2009-138

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0513S1					
Gasoline	ND	5.0	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	91	55-127				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	05-048-01							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	30	
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				108	108	55-127		

Date of Report: May 14, 2010
Samples Submitted: May 5, 2010
Laboratory Reference: 1005-034
Project: 2009-138

% MOISTURE

Date Analyzed: 5-6-10

Client ID	Lab ID	% Moisture
WSP-MW-09-SB-06	05-034-01	15



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



HWA GEOSCIENCES INC.

19730 64th Ave. W., Suite 200, Lynnwood, WA 98036 (425) 774-0106

Chain of Custody and Laboratory Analysis Request

05 - 034

DATE: 5/2/10
PAGE: 1 of 1

PROJECT NAME: WSP - P1/F5 # 2009-138

SITE CODE: Lava Wain

SAMPLERS NAME: Arkins PHONE: _____

SAMPLERS SIGNATURE: La G

HWA CONTACT: Arkins PHONE: 206-344-3724

C.I. Mike Wares - Parametric - Sumner

ANALYSIS REQUESTED

<input checked="" type="checkbox"/>	NUMPH-DX
<input checked="" type="checkbox"/>	VOCs-8260
<input checked="" type="checkbox"/>	SUSSES-8270
<input checked="" type="checkbox"/>	METALS MICA + Cu + Mn
<input checked="" type="checkbox"/>	NUMPH-GX
<input checked="" type="checkbox"/>	MOISTURE

REMARKS

HWA SAMPLE ID	DATE	TIME	MATRIX	LAB ID	# OF BOTTLE	REMARKS
WSP-MW-09-SB-06	5/3/10	1030	Soil	1	6	
WSP-MW-09-SB-11		1035		2		
WSP-MW-09-SB-16		1040		3		
WSP-MW-09-SB-21		1045		4		
WSP-MW-09-SB-26		1050		5		

Added 5/3/10. PB

PRINT NAME

SIGNATURE

COMPANY

DATE

TIME

REMARKS

Relinquished by: La G Arkins

Received by: Robert Goodrow White

Relinquished by: _____

Received by: _____

Hwa Geo Sciences

White Env

5/4/10

5/5/10

0700

0400

DISTRIBUTION: WHITE - Return to HWA; YELLOW - Retain by Lab; PINK - Retain by Sampler



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 14, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project 2009-138
Laboratory Reference No. 1005-039

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on May 6, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: May 14, 2010
Samples Submitted: May 6, 2010
Laboratory Reference: 1005-039
Project: 2009-138

Case Narrative

Samples were collected on May 4, 2010 and received by the laboratory on May 6, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx and Volatiles EPA 8260B Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Total Metals EPA 6010B/7471A Analysis

Due to the high concentration of Manganese in the QC sample, the amount spiked was insufficient for meaningful MS/MSD recovery data. The Spike Blank recovery was 104%.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

NWTPH-Dx

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	05-039-01				
Client ID:	WSP-MW-08-SB-06				
Diesel Range	ND	29	5-10-10	5-10-10	Y
Lube Oil Range	ND	58	5-10-10	5-10-10	Y
Surrogate: o-terphenyl	90%	50-150			

Lab ID:	05-039-06				
Client ID:	WSP-MW-07-SB-6				
Diesel Range	ND	33	5-10-10	5-10-10	Y
Lube Oil Range	ND	65	5-10-10	5-10-10	Y
Surrogate: o-terphenyl	88%	50-150			

Date of Report: May 14, 2010
Samples Submitted: May 6, 2010
Laboratory Reference: 1005-039
Project: 2009-138

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-10-10
Date Analyzed: 5-10-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0510S1

Diesel Range: **ND**

PQL: 25

Identification: ---

Lube Oil Range: **ND**

PQL: 50

Identification: ---

Surrogate Recovery

o-Terphenyl: 89%

Flags: Y

Date of Report: May 14, 2010
Samples Submitted: May 6, 2010
Laboratory Reference: 1005-039
Project: 2009-138

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-10-10
Date Analyzed: 5-10-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-051-02 05-051-02 DUP

Diesel Range: **ND** **ND**
PQL: 25 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 81% 82%

Flags: Y Y

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

VOLATILES by EPA 8260B
 page 1 of 2

Date Extracted: 5-6-10
 Date Analyzed: 5-6-10
 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-039-01
Client ID: WSP-MW-08-SB-06

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0060
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0060
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.045		0.0060
Iodomethane	ND		0.0060
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0060
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0060
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0060
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0060
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0060
Toluene	ND		0.0060
(trans) 1,3-Dichloropropene	ND		0.0012

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

VOLATILES by EPA 8260B
 page 2 of 2

Lab ID: 05-039-01
 Client ID: WSP-MW-08-SB-06

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0060
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0060
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0060
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	111	66-128
Toluene-d8	110	68-126
4-Bromofluorobenzene	101	53-134

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

VOLATILES by EPA 8260B

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Date Extracted: 5-6-10
 Date Analyzed: 5-6-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-039-06
Client ID: WSP-MW-07-SB-6

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0060
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0060
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.040		0.0060
Iodomethane	ND		0.0060
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0060
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0060
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0060
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0060
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0060
Toluene	ND		0.0060
(trans) 1,3-Dichloropropene	ND		0.0012

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
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 Project: 2009-138

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Lab ID: 05-039-06
 Client ID: WSP-MW-07-SB-6

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0060
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0060
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0060
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	107	66-128
Toluene-d8	114	68-126
4-Bromofluorobenzene	108	53-134

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Date Extracted: 5-6-10
 Date Analyzed: 5-6-10
 Matrix: Soil
 Units: mg/kg (ppm)
 Lab ID: MB0506S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 14, 2010
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0506S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	100	66-128
Toluene-d8	112	68-126
4-Bromofluorobenzene	101	53-134

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 5-6-10
 Date Analyzed: 5-6-10
 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0506S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0496	99	0.0500	100	70-130	
Benzene	0.0500	0.0456	91	0.0479	96	70-121	
Trichloroethene	0.0500	0.0423	85	0.0404	81	70-124	
Toluene	0.0500	0.0541	108	0.0522	104	70-123	
Chlorobenzene	0.0500	0.0465	93	0.0465	93	71-119	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	14	
Benzene	5	10	
Trichloroethene	5	12	
Toluene	3	12	
Chlorobenzene	0	9	

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-08-SB-06					
Laboratory ID:	05-039-01					
n-Nitrosodimethylamine	ND	0.038	EPA 8270	5-7-10	5-10-10	
Pyridine	ND	0.38	EPA 8270	5-7-10	5-10-10	
Phenol	ND	0.038	EPA 8270	5-7-10	5-10-10	
Aniline	ND	0.038	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroethyl)ether	ND	0.038	EPA 8270	5-7-10	5-10-10	
2-Chlorophenol	ND	0.038	EPA 8270	5-7-10	5-10-10	
1,3-Dichlorobenzene	ND	0.038	EPA 8270	5-7-10	5-10-10	
1,4-Dichlorobenzene	ND	0.038	EPA 8270	5-7-10	5-10-10	
Benzyl alcohol	ND	0.038	EPA 8270	5-7-10	5-10-10	
1,2-Dichlorobenzene	ND	0.038	EPA 8270	5-7-10	5-10-10	
2-Methylphenol (o-Cresol)	ND	0.038	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroisopropyl)ether	ND	0.038	EPA 8270	5-7-10	5-10-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.038	EPA 8270	5-7-10	5-10-10	
n-Nitroso-di-n-propylamine	ND	0.038	EPA 8270	5-7-10	5-10-10	
Hexachloroethane	ND	0.038	EPA 8270	5-7-10	5-10-10	
Nitrobenzene	ND	0.038	EPA 8270	5-7-10	5-10-10	
Isophorone	ND	0.038	EPA 8270	5-7-10	5-10-10	
2-Nitrophenol	ND	0.038	EPA 8270	5-7-10	5-10-10	
2,4-Dimethylphenol	ND	0.96	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroethoxy)methane	ND	0.038	EPA 8270	5-7-10	5-10-10	
2,4-Dichlorophenol	ND	0.038	EPA 8270	5-7-10	5-10-10	
1,2,4-Trichlorobenzene	ND	0.038	EPA 8270	5-7-10	5-10-10	
Naphthalene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
4-Chloroaniline	ND	0.038	EPA 8270	5-7-10	5-10-10	
Hexachlorobutadiene	ND	0.038	EPA 8270	5-7-10	5-10-10	
4-Chloro-3-methylphenol	ND	0.038	EPA 8270	5-7-10	5-10-10	
2-Methylnaphthalene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
1-Methylnaphthalene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
Hexachlorocyclopentadiene	ND	0.038	EPA 8270	5-7-10	5-10-10	
2,4,6-Trichlorophenol	ND	0.038	EPA 8270	5-7-10	5-10-10	
2,3-Dichloroaniline	ND	0.038	EPA 8270	5-7-10	5-10-10	
2,4,5-Trichlorophenol	ND	0.038	EPA 8270	5-7-10	5-10-10	
2-Chloronaphthalene	ND	0.038	EPA 8270	5-7-10	5-10-10	
2-Nitroaniline	ND	0.038	EPA 8270	5-7-10	5-10-10	
1,4-Dinitrobenzene	ND	0.038	EPA 8270	5-7-10	5-10-10	
Dimethylphthalate	ND	0.038	EPA 8270	5-7-10	5-10-10	
1,3-Dinitrobenzene	ND	0.19	EPA 8270	5-7-10	5-10-10	
2,6-Dinitrotoluene	ND	0.038	EPA 8270	5-7-10	5-10-10	
1,2-Dinitrobenzene	ND	0.038	EPA 8270	5-7-10	5-10-10	
Acenaphthylene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
3-Nitroaniline	ND	0.038	EPA 8270	5-7-10	5-10-10	

Date of Report: May 14, 2010
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SEMIVOLATILES by EPA 8270/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-08-SB-06					
Laboratory ID:	05-039-01					
2,4-Dinitrophenol	ND	0.19	EPA 8270	5-7-10	5-10-10	
Acenaphthene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
4-Nitrophenol	ND	0.038	EPA 8270	5-7-10	5-10-10	
2,4-Dinitrotoluene	ND	0.038	EPA 8270	5-7-10	5-10-10	
Dibenzofuran	ND	0.038	EPA 8270	5-7-10	5-10-10	
2,3,5,6-Tetrachlorophenol	ND	0.038	EPA 8270	5-7-10	5-10-10	
2,3,4,6-Tetrachlorophenol	ND	0.038	EPA 8270	5-7-10	5-10-10	
Diethylphthalate	ND	0.19	EPA 8270	5-7-10	5-10-10	
4-Chlorophenyl-phenylether	ND	0.038	EPA 8270	5-7-10	5-10-10	
4-Nitroaniline	ND	0.038	EPA 8270	5-7-10	5-10-10	
Fluorene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
4,6-Dinitro-2-methylphenol	ND	0.19	EPA 8270	5-7-10	5-10-10	
n-Nitrosodiphenylamine	ND	0.038	EPA 8270	5-7-10	5-10-10	
1,2-Diphenylhydrazine	ND	0.038	EPA 8270	5-7-10	5-10-10	
4-Bromophenyl-phenylether	ND	0.038	EPA 8270	5-7-10	5-10-10	
Hexachlorobenzene	ND	0.038	EPA 8270	5-7-10	5-10-10	
Pentachlorophenol	ND	0.19	EPA 8270	5-7-10	5-10-10	
Phenanthrene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
Anthracene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
Carbazole	ND	0.038	EPA 8270	5-7-10	5-10-10	
Di-n-butylphthalate	ND	0.038	EPA 8270	5-7-10	5-10-10	
Fluoranthene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
Benzidine	ND	0.38	EPA 8270	5-7-10	5-10-10	
Pyrene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
Butylbenzylphthalate	ND	0.038	EPA 8270	5-7-10	5-10-10	
bis-2-Ethylhexyladipate	ND	0.038	EPA 8270	5-7-10	5-10-10	
3,3'-Dichlorobenzidine	ND	0.38	EPA 8270	5-7-10	5-10-10	
Benzo[a]anthracene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
Chrysene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
bis(2-Ethylhexyl)phthalate	ND	0.038	EPA 8270	5-7-10	5-10-10	
Di-n-octylphthalate	ND	0.038	EPA 8270	5-7-10	5-10-10	
Benzo[b]fluoranthene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[k]fluoranthene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[a]pyrene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
Indeno[1,2,3-cd]pyrene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
Dibenz[a,h]anthracene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[g,h,i]perylene	ND	0.0077	EPA 8270/SIM	5-7-10	5-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>58</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>65</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>58</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>62</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>66</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>76</i>	<i>44 - 121</i>				

Date of Report: May 14, 2010
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 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-07-SB-6					
Laboratory ID:	05-039-06					
n-Nitrosodimethylamine	ND	0.043	EPA 8270	5-7-10	5-10-10	
Pyridine	ND	0.43	EPA 8270	5-7-10	5-10-10	
Phenol	ND	0.043	EPA 8270	5-7-10	5-10-10	
Aniline	ND	0.043	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroethyl)ether	ND	0.043	EPA 8270	5-7-10	5-10-10	
2-Chlorophenol	ND	0.043	EPA 8270	5-7-10	5-10-10	
1,3-Dichlorobenzene	ND	0.043	EPA 8270	5-7-10	5-10-10	
1,4-Dichlorobenzene	ND	0.043	EPA 8270	5-7-10	5-10-10	
Benzyl alcohol	ND	0.043	EPA 8270	5-7-10	5-10-10	
1,2-Dichlorobenzene	ND	0.043	EPA 8270	5-7-10	5-10-10	
2-Methylphenol (o-Cresol)	ND	0.043	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroisopropyl)ether	ND	0.043	EPA 8270	5-7-10	5-10-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.043	EPA 8270	5-7-10	5-10-10	
n-Nitroso-di-n-propylamine	ND	0.043	EPA 8270	5-7-10	5-10-10	
Hexachloroethane	ND	0.043	EPA 8270	5-7-10	5-10-10	
Nitrobenzene	ND	0.043	EPA 8270	5-7-10	5-10-10	
Isophorone	ND	0.043	EPA 8270	5-7-10	5-10-10	
2-Nitrophenol	ND	0.043	EPA 8270	5-7-10	5-10-10	
2,4-Dimethylphenol	ND	1.1	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroethoxy)methane	ND	0.043	EPA 8270	5-7-10	5-10-10	
2,4-Dichlorophenol	ND	0.043	EPA 8270	5-7-10	5-10-10	
1,2,4-Trichlorobenzene	ND	0.043	EPA 8270	5-7-10	5-10-10	
Naphthalene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
4-Chloroaniline	ND	0.043	EPA 8270	5-7-10	5-10-10	
Hexachlorobutadiene	ND	0.043	EPA 8270	5-7-10	5-10-10	
4-Chloro-3-methylphenol	ND	0.043	EPA 8270	5-7-10	5-10-10	
2-Methylnaphthalene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
1-Methylnaphthalene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
Hexachlorocyclopentadiene	ND	0.043	EPA 8270	5-7-10	5-10-10	
2,4,6-Trichlorophenol	ND	0.043	EPA 8270	5-7-10	5-10-10	
2,3-Dichloroaniline	ND	0.043	EPA 8270	5-7-10	5-10-10	
2,4,5-Trichlorophenol	ND	0.043	EPA 8270	5-7-10	5-10-10	
2-Chloronaphthalene	ND	0.043	EPA 8270	5-7-10	5-10-10	
2-Nitroaniline	ND	0.043	EPA 8270	5-7-10	5-10-10	
1,4-Dinitrobenzene	ND	0.043	EPA 8270	5-7-10	5-10-10	
Dimethylphthalate	ND	0.043	EPA 8270	5-7-10	5-10-10	
1,3-Dinitrobenzene	ND	0.22	EPA 8270	5-7-10	5-10-10	
2,6-Dinitrotoluene	ND	0.043	EPA 8270	5-7-10	5-10-10	
1,2-Dinitrobenzene	ND	0.043	EPA 8270	5-7-10	5-10-10	
Acenaphthylene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
3-Nitroaniline	ND	0.043	EPA 8270	5-7-10	5-10-10	

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

SEMIVOLATILES by EPA 8270/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-07-SB-6					
Laboratory ID:	05-039-06					
2,4-Dinitrophenol	ND	0.22	EPA 8270	5-7-10	5-10-10	
Acenaphthene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
4-Nitrophenol	ND	0.043	EPA 8270	5-7-10	5-10-10	
2,4-Dinitrotoluene	ND	0.043	EPA 8270	5-7-10	5-10-10	
Dibenzofuran	ND	0.043	EPA 8270	5-7-10	5-10-10	
2,3,5,6-Tetrachlorophenol	ND	0.043	EPA 8270	5-7-10	5-10-10	
2,3,4,6-Tetrachlorophenol	ND	0.043	EPA 8270	5-7-10	5-10-10	
Diethylphthalate	ND	0.22	EPA 8270	5-7-10	5-10-10	
4-Chlorophenyl-phenylether	ND	0.043	EPA 8270	5-7-10	5-10-10	
4-Nitroaniline	ND	0.043	EPA 8270	5-7-10	5-10-10	
Fluorene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
4,6-Dinitro-2-methylphenol	ND	0.22	EPA 8270	5-7-10	5-10-10	
n-Nitrosodiphenylamine	ND	0.043	EPA 8270	5-7-10	5-10-10	
1,2-Diphenylhydrazine	ND	0.043	EPA 8270	5-7-10	5-10-10	
4-Bromophenyl-phenylether	ND	0.043	EPA 8270	5-7-10	5-10-10	
Hexachlorobenzene	ND	0.043	EPA 8270	5-7-10	5-10-10	
Pentachlorophenol	ND	0.22	EPA 8270	5-7-10	5-10-10	
Phenanthrene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
Anthracene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
Carbazole	ND	0.043	EPA 8270	5-7-10	5-10-10	
Di-n-butylphthalate	ND	0.043	EPA 8270	5-7-10	5-10-10	
Fluoranthene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
Benzidine	ND	0.43	EPA 8270	5-7-10	5-10-10	
Pyrene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
Butylbenzylphthalate	ND	0.043	EPA 8270	5-7-10	5-10-10	
bis(2-Ethylhexyl)adipate	ND	0.043	EPA 8270	5-7-10	5-10-10	
3,3'-Dichlorobenzidine	ND	0.43	EPA 8270	5-7-10	5-10-10	
Benzo[a]anthracene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
Chrysene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
bis(2-Ethylhexyl)phthalate	ND	0.043	EPA 8270	5-7-10	5-10-10	
Di-n-octylphthalate	ND	0.043	EPA 8270	5-7-10	5-10-10	
Benzo[b]fluoranthene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[k]fluoranthene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[a]pyrene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
Indeno[1,2,3-cd]pyrene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
Dibenz[a,h]anthracene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[g,h,i]perylene	ND	0.0087	EPA 8270/SIM	5-7-10	5-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>53</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>62</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>55</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>58</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>62</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>75</i>	<i>44 - 121</i>				

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

**SEMIVOLATILES by EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0507S2					
n-Nitrosodimethylamine	ND	0.033	EPA 8270	5-7-10	5-10-10	
Pyridine	ND	0.33	EPA 8270	5-7-10	5-10-10	
Phenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
Aniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroethyl)ether	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Chlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,3-Dichlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,4-Dichlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Benzyl alcohol	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,2-Dichlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Methylphenol (o-Cresol)	ND	0.033	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroisopropyl)ether	ND	0.033	EPA 8270	5-7-10	5-10-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.033	EPA 8270	5-7-10	5-10-10	
n-Nitroso-di-n-propylamine	ND	0.033	EPA 8270	5-7-10	5-10-10	
Hexachloroethane	ND	0.033	EPA 8270	5-7-10	5-10-10	
Nitrobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Isophorone	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Nitrophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4-Dimethylphenol	ND	0.83	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroethoxy)methane	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4-Dichlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,2,4-Trichlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Naphthalene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
4-Chloroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
Hexachlorobutadiene	ND	0.033	EPA 8270	5-7-10	5-10-10	
4-Chloro-3-methylphenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
1-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Hexachlorocyclopentadiene	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4,6-Trichlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,3-Dichloroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4,5-Trichlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Chloronaphthalene	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Nitroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,4-Dinitrobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Dimethylphthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,3-Dinitrobenzene	ND	0.17	EPA 8270	5-7-10	5-10-10	
2,6-Dinitrotoluene	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,2-Dinitrobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Acenaphthylene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
3-Nitroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0507S2					
2,4-Dinitrophenol	ND	0.17	EPA 8270	5-7-10	5-10-10	
Acenaphthene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
4-Nitrophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4-Dinitrotoluene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Dibenzofuran	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,3,5,6-Tetrachlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,3,4,6-Tetrachlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
Diethylphthalate	ND	0.17	EPA 8270	5-7-10	5-10-10	
4-Chlorophenyl-phenylether	ND	0.033	EPA 8270	5-7-10	5-10-10	
4-Nitroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
Fluorene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
4,6-Dinitro-2-methylphenol	ND	0.17	EPA 8270	5-7-10	5-10-10	
n-Nitrosodiphenylamine	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,2-Diphenylhydrazine	ND	0.033	EPA 8270	5-7-10	5-10-10	
4-Bromophenyl-phenylether	ND	0.033	EPA 8270	5-7-10	5-10-10	
Hexachlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Pentachlorophenol	ND	0.17	EPA 8270	5-7-10	5-10-10	
Phenanthrene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Anthracene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Carbazole	ND	0.033	EPA 8270	5-7-10	5-10-10	
Di-n-butylphthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
Fluoranthene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Benzidine	ND	0.33	EPA 8270	5-7-10	5-10-10	
Pyrene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Butylbenzylphthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
bis-2-Ethylhexyladipate	ND	0.033	EPA 8270	5-7-10	5-10-10	
3,3'-Dichlorobenzidine	ND	0.33	EPA 8270	5-7-10	5-10-10	
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Chrysene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
bis(2-Ethylhexyl)phthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
Di-n-octylphthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[k]fluoranthene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Indeno[1,2,3-cd]pyrene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>59</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>64</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>60</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>62</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>69</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>76</i>	<i>44 - 121</i>				

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

**SEMIVOLATILES by EPA 8270D/SIM
 MS/MSD QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	05-048-01										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	0.983	0.874	1.33	1.33	ND	74	66	31 - 111	12	27	
2-Chlorophenol	0.955	0.849	1.33	1.33	ND	72	64	36 - 106	12	32	
1,4-Dichlorobenzene	0.346	0.327	0.667	0.667	ND	52	49	25 - 96	6	42	
n-Nitroso-di-n-propylamine	0.510	0.456	0.667	0.667	ND	76	68	37 - 107	11	36	
1,2,4-Trichlorobenzene	0.405	0.371	0.667	0.667	ND	61	56	29 - 101	9	31	
4-Chloro-3-methylphenol	1.14	1.08	1.33	1.33	ND	86	81	47 - 112	5	18	
Acenaphthene	0.533	0.493	0.667	0.667	ND	80	74	43 - 104	8	19	
4-Nitrophenol	1.12	1.08	1.33	1.33	ND	84	81	24 - 133	4	18	
2,4-Dinitrotoluene	0.548	0.524	0.667	0.667	ND	82	79	42 - 117	4	19	
Pentachlorophenol	1.18	1.10	1.33	1.33	ND	89	83	25 - 135	7	20	
Pyrene	0.616	0.572	0.667	0.667	ND	92	86	29 - 129	7	29	
<i>Surrogate:</i>											
2-Fluorophenol						65	60	22 - 107			
Phenol-d6						78	71	28 - 116			
Nitrobenzene-d5						71	67	25 - 111			
2-Fluorobiphenyl						75	72	35 - 108			
2,4,6-Tribromophenol						76	73	42 - 118			
Terphenyl-d14						85	85	44 - 121			

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	05-039-01					
Client ID:	WSP-MW-08-SB-06					
Arsenic	ND	12	6010B	5-12-10	5-12-10	
Cadmium	ND	0.58	6010B	5-12-10	5-12-10	
Chromium	16	0.58	6010B	5-12-10	5-12-10	
Copper	24	2.0	6010B	5-12-10	5-12-10	
Lead	9.7	5.8	6010B	5-12-10	5-12-10	
Manganese	540	0.58	6010B	5-12-10	5-12-10	
Mercury	ND	0.29	7471A	5-12-10	5-12-10	

Lab ID:	05-039-06					
Client ID:	WSP-MW-07-SB-6					
Arsenic	ND	13	6010B	5-12-10	5-12-10	
Cadmium	ND	0.65	6010B	5-12-10	5-12-10	
Chromium	20	0.65	6010B	5-12-10	5-12-10	
Copper	24	2.3	6010B	5-12-10	5-12-10	
Lead	7.6	6.5	6010B	5-12-10	5-12-10	
Manganese	500	0.65	6010B	5-12-10	5-12-10	
Mercury	ND	0.33	7471A	5-12-10	5-12-10	

Date of Report: May 14, 2010
Samples Submitted: May 6, 2010
Laboratory Reference: 1005-039
Project: 2009-138

**TOTAL METALS
EPA 6010B/7471A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-12-10
Date Analyzed: 5-12-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0512S1&MB0512S3

Analyte	Method	Result	PQL
Arsenic	6010B	ND	10
Cadmium	6010B	ND	0.50
Chromium	6010B	ND	0.50
Copper	6010B	ND	1.8
Lead	6010B	ND	5.0
Manganese	6010B	ND	0.50
Mercury	7471A	ND	0.25

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 5-12-10
 Date Analyzed: 5-12-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 05-048-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	10	
Cadmium	ND	ND	NA	0.50	
Chromium	15.5	14.9	4	0.50	
Copper	24.1	23.9	1	1.8	
Lead	11.0	11.6	6	5.0	
Manganese	605	542	11	0.50	
Mercury	ND	ND	NA	0.25	

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A
 MS/MSD QUALITY CONTROL**

Date Extracted: 5-12-10

Date Analyzed: 5-12-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-048-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	101	101	100	100	1	
Cadmium	50	43.7	87	43.8	88	0	
Chromium	100	102	86	101	86	1	
Copper	50	76.0	104	75.8	103	0	
Lead	250	217	82	219	83	1	
Manganese	100	706	100	674	69	5	A
Mercury	0.50	0.482	96	0.473	95	2	

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

NWTPH-Gx

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-08-SB-06					
Laboratory ID:	05-039-01					
Gasoline	ND	7.3	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	106	55-127				
Client ID:	WSP-MW-07-SB-6					
Laboratory ID:	05-039-06					
Gasoline	ND	7.7	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	102	55-127				

Date of Report: May 14, 2010
 Samples Submitted: May 6, 2010
 Laboratory Reference: 1005-039
 Project: 2009-138

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0513S1					
Gasoline	ND	5.0	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	91	55-127				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	05-048-01							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				108	108	55-127		

Date of Report: May 14, 2010
Samples Submitted: May 6, 2010
Laboratory Reference: 1005-039
Project: 2009-138

% MOISTURE

Date Analyzed: 5-6-10

Client ID	Lab ID	% Moisture
WSP-MW-08-SB-06	05-039-01	13
WSP-MW-07-SB-6	05-039-06	23



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 14, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project 2009-138
Laboratory Reference No. 1005-048

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on May 7, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal line extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: May 14, 2010
Samples Submitted: May 7, 2010
Laboratory Reference: 1005-048
Project: 2009-138

Case Narrative

Samples were collected on May 6, 2010 and received by the laboratory on May 7, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx and Volatiles EPA 8260B Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Total Metals EPA 6010B/7471A Analysis

Due to the high concentration of Manganese in the QC sample, the amount spiked was insufficient for meaningful MS/MSD recovery data. The Spike Blank recovery was 104%.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

NWTPH-Dx

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Date		Flags
			Prepared	Analyzed	
Lab ID:	05-048-01				
Client ID:	WSP-MW-13-SB-06				
Diesel Range	ND	30	5-10-10	5-10-10	Y
Lube Oil Range	ND	60	5-10-10	5-10-10	Y
Surrogate: o-terphenyl	90%	50-150			

Date of Report: May 14, 2010
Samples Submitted: May 7, 2010
Laboratory Reference: 1005-048
Project: 2009-138

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-10-10
Date Analyzed: 5-10-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0510S1

Diesel Range: **ND**
PQL: 25
Identification: ---

Lube Oil Range: **ND**
PQL: 50
Identification: ---

Surrogate Recovery
o-Terphenyl: 89%

Flags: Y

Date of Report: May 14, 2010
Samples Submitted: May 7, 2010
Laboratory Reference: 1005-048
Project: 2009-138

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-10-10
Date Analyzed: 5-10-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-048-01 05-048-01 DUP

Diesel Range: **ND** **ND**
PQL: 25 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 90% 98%

Flags: Y Y

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

VOLATILES by EPA 8260B

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Date Extracted: 5-7-10
 Date Analyzed: 5-7-10
 Matrix: Soil
 Units: mg/kg (ppm)
 Lab ID: 05-048-01
 Client ID: WSP-MW-13-SB-06

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0015
Chloromethane	ND		0.0077
Vinyl Chloride	ND		0.0015
Bromomethane	ND		0.0015
Chloroethane	ND		0.0077
Trichlorofluoromethane	ND		0.0015
1,1-Dichloroethene	ND		0.0015
Acetone	0.055		0.0077
Iodomethane	ND		0.0077
Carbon Disulfide	ND		0.0015
Methylene Chloride	ND		0.0077
(trans) 1,2-Dichloroethene	ND		0.0015
Methyl t-Butyl Ether	ND		0.0015
1,1-Dichloroethane	ND		0.0015
Vinyl Acetate	ND		0.0077
2,2-Dichloropropane	ND		0.0015
(cis) 1,2-Dichloroethene	ND		0.0015
2-Butanone	0.0080		0.0077
Bromochloromethane	ND		0.0015
Chloroform	ND		0.0015
1,1,1-Trichloroethane	ND		0.0015
Carbon Tetrachloride	ND		0.0015
1,1-Dichloropropene	ND		0.0015
Benzene	ND		0.0015
1,2-Dichloroethane	ND		0.0015
Trichloroethene	ND		0.0015
1,2-Dichloropropane	ND		0.0015
Dibromomethane	ND		0.0015
Bromodichloromethane	ND		0.0015
2-Chloroethyl Vinyl Ether	ND		0.0077
(cis) 1,3-Dichloropropene	ND		0.0015
Methyl Isobutyl Ketone	ND		0.0077
Toluene	ND		0.0077
(trans) 1,3-Dichloropropene	ND		0.0015

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

VOLATILES by EPA 8260B
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Lab ID: 05-048-01
 Client ID: WSP-MW-13-SB-06

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0015
Tetrachloroethene	ND		0.0015
1,3-Dichloropropane	ND		0.0015
2-Hexanone	ND		0.0077
Dibromochloromethane	ND		0.0015
1,2-Dibromoethane	ND		0.0015
Chlorobenzene	ND		0.0015
1,1,1,2-Tetrachloroethane	ND		0.0015
Ethylbenzene	ND		0.0015
m,p-Xylene	ND		0.0031
o-Xylene	ND		0.0015
Styrene	ND		0.0015
Bromoform	ND		0.0015
Isopropylbenzene	ND		0.0015
Bromobenzene	ND		0.0015
1,1,2,2-Tetrachloroethane	ND		0.0015
1,2,3-Trichloropropane	ND		0.0015
n-Propylbenzene	ND		0.0015
2-Chlorotoluene	ND		0.0015
4-Chlorotoluene	ND		0.0015
1,3,5-Trimethylbenzene	ND		0.0015
tert-Butylbenzene	ND		0.0015
1,2,4-Trimethylbenzene	ND		0.0015
sec-Butylbenzene	ND		0.0015
1,3-Dichlorobenzene	ND		0.0015
p-Isopropyltoluene	ND		0.0015
1,4-Dichlorobenzene	ND		0.0015
1,2-Dichlorobenzene	ND		0.0015
n-Butylbenzene	ND		0.0015
1,2-Dibromo-3-chloropropane	ND		0.0077
1,2,4-Trichlorobenzene	ND		0.0015
Hexachlorobutadiene	ND		0.0077
Naphthalene	ND		0.0015
1,2,3-Trichlorobenzene	ND		0.0015

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	106	66-128
Toluene-d8	111	68-126
4-Bromofluorobenzene	92	53-134

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Date Extracted: 5-7-10
 Date Analyzed: 5-7-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0507S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0507S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	106	66-128
Toluene-d8	110	68-126
4-Bromofluorobenzene	103	53-134

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

**VOLATILES by EPA 8260B
 MS/MSD QUALITY CONTROL**

Date Extracted: 5-7-10

Date Analyzed: 5-7-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-048-01

Compound	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	ND	0.0542/0.0534	0.0545	101	0.0542	101	70-130	
Benzene	ND	0.0542/0.0534	0.0566	104	0.0485	91	70-130	
Trichloroethene	ND	0.0542/0.0534	0.0481	89	0.0466	87	70-130	
Toluene	0.00154	0.0542/0.0534	0.0512	92	0.0595	109	70-126	
Chlorobenzene	ND	0.0542/0.0534	0.0528	97	0.0500	94	70-130	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	14	
Benzene	14	14	
Trichloroethene	2	18	
Toluene	17	20	
Chlorobenzene	4	15	

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-13-SB-06					
Laboratory ID:	05-048-01					
n-Nitrosodimethylamine	ND	0.040	EPA 8270	5-7-10	5-11-10	
Pyridine	ND	0.40	EPA 8270	5-7-10	5-11-10	
Phenol	ND	0.040	EPA 8270	5-7-10	5-11-10	
Aniline	ND	0.040	EPA 8270	5-7-10	5-11-10	
bis(2-Chloroethyl)ether	ND	0.040	EPA 8270	5-7-10	5-11-10	
2-Chlorophenol	ND	0.040	EPA 8270	5-7-10	5-11-10	
1,3-Dichlorobenzene	ND	0.040	EPA 8270	5-7-10	5-11-10	
1,4-Dichlorobenzene	ND	0.040	EPA 8270	5-7-10	5-11-10	
Benzyl alcohol	ND	0.040	EPA 8270	5-7-10	5-11-10	
1,2-Dichlorobenzene	ND	0.040	EPA 8270	5-7-10	5-11-10	
2-Methylphenol (o-Cresol)	ND	0.040	EPA 8270	5-7-10	5-11-10	
bis(2-Chloroisopropyl)ether	ND	0.040	EPA 8270	5-7-10	5-11-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.040	EPA 8270	5-7-10	5-11-10	
n-Nitroso-di-n-propylamine	ND	0.040	EPA 8270	5-7-10	5-11-10	
Hexachloroethane	ND	0.040	EPA 8270	5-7-10	5-11-10	
Nitrobenzene	ND	0.040	EPA 8270	5-7-10	5-11-10	
Isophorone	ND	0.040	EPA 8270	5-7-10	5-11-10	
2-Nitrophenol	ND	0.040	EPA 8270	5-7-10	5-11-10	
2,4-Dimethylphenol	ND	1.0	EPA 8270	5-7-10	5-11-10	
bis(2-Chloroethoxy)methane	ND	0.040	EPA 8270	5-7-10	5-11-10	
2,4-Dichlorophenol	ND	0.040	EPA 8270	5-7-10	5-11-10	
1,2,4-Trichlorobenzene	ND	0.040	EPA 8270	5-7-10	5-11-10	
Naphthalene	0.015	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
4-Chloroaniline	ND	0.040	EPA 8270	5-7-10	5-11-10	
Hexachlorobutadiene	ND	0.040	EPA 8270	5-7-10	5-11-10	
4-Chloro-3-methylphenol	ND	0.040	EPA 8270	5-7-10	5-11-10	
2-Methylnaphthalene	0.027	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
1-Methylnaphthalene	0.019	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
Hexachlorocyclopentadiene	ND	0.040	EPA 8270	5-7-10	5-11-10	
2,4,6-Trichlorophenol	ND	0.040	EPA 8270	5-7-10	5-11-10	
2,3-Dichloroaniline	ND	0.040	EPA 8270	5-7-10	5-11-10	
2,4,5-Trichlorophenol	ND	0.040	EPA 8270	5-7-10	5-11-10	
2-Chloronaphthalene	ND	0.040	EPA 8270	5-7-10	5-11-10	
2-Nitroaniline	ND	0.040	EPA 8270	5-7-10	5-11-10	
1,4-Dinitrobenzene	ND	0.040	EPA 8270	5-7-10	5-11-10	
Dimethylphthalate	ND	0.040	EPA 8270	5-7-10	5-11-10	
1,3-Dinitrobenzene	ND	0.20	EPA 8270	5-7-10	5-11-10	
2,6-Dinitrotoluene	ND	0.040	EPA 8270	5-7-10	5-11-10	
1,2-Dinitrobenzene	ND	0.040	EPA 8270	5-7-10	5-11-10	
Acenaphthylene	ND	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
3-Nitroaniline	ND	0.040	EPA 8270	5-7-10	5-11-10	

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-13-SB-06					
Laboratory ID:	05-048-01					
2,4-Dinitrophenol	ND	0.20	EPA 8270	5-7-10	5-11-10	
Acenaphthene	ND	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
4-Nitrophenol	ND	0.040	EPA 8270	5-7-10	5-11-10	
2,4-Dinitrotoluene	ND	0.040	EPA 8270	5-7-10	5-11-10	
Dibenzofuran	ND	0.040	EPA 8270	5-7-10	5-11-10	
2,3,5,6-Tetrachlorophenol	ND	0.040	EPA 8270	5-7-10	5-11-10	
2,3,4,6-Tetrachlorophenol	ND	0.040	EPA 8270	5-7-10	5-11-10	
Diethylphthalate	ND	0.20	EPA 8270	5-7-10	5-11-10	
4-Chlorophenyl-phenylether	ND	0.040	EPA 8270	5-7-10	5-11-10	
4-Nitroaniline	ND	0.040	EPA 8270	5-7-10	5-11-10	
Fluorene	ND	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
4,6-Dinitro-2-methylphenol	ND	0.20	EPA 8270	5-7-10	5-11-10	
n-Nitrosodiphenylamine	ND	0.040	EPA 8270	5-7-10	5-11-10	
1,2-Diphenylhydrazine	ND	0.040	EPA 8270	5-7-10	5-11-10	
4-Bromophenyl-phenylether	ND	0.040	EPA 8270	5-7-10	5-11-10	
Hexachlorobenzene	ND	0.040	EPA 8270	5-7-10	5-11-10	
Pentachlorophenol	ND	0.20	EPA 8270	5-7-10	5-11-10	
Phenanthrene	0.022	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
Anthracene	ND	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
Carbazole	ND	0.040	EPA 8270	5-7-10	5-11-10	
Di-n-butylphthalate	ND	0.040	EPA 8270	5-7-10	5-11-10	
Fluoranthene	0.0086	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
Benzidine	ND	0.40	EPA 8270	5-7-10	5-11-10	
Pyrene	0.0088	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
Butylbenzylphthalate	ND	0.040	EPA 8270	5-7-10	5-11-10	
bis-2-Ethylhexyladipate	ND	0.040	EPA 8270	5-7-10	5-11-10	
3,3'-Dichlorobenzidine	ND	0.40	EPA 8270	5-7-10	5-11-10	
Benzo[a]anthracene	ND	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
Chrysene	ND	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
bis(2-Ethylhexyl)phthalate	ND	0.040	EPA 8270	5-7-10	5-11-10	
Di-n-octylphthalate	ND	0.040	EPA 8270	5-7-10	5-11-10	
Benzo[b]fluoranthene	ND	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[k]fluoranthene	ND	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[a]pyrene	ND	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
Indeno[1,2,3-cd]pyrene	ND	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
Dibenz[a,h]anthracene	ND	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[g,h,i]perylene	ND	0.0080	EPA 8270/SIM	5-7-10	5-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	60	22 - 107				
Phenol-d6	71	28 - 116				
Nitrobenzene-d5	66	25 - 111				
2-Fluorobiphenyl	71	35 - 108				
2,4,6-Tribromophenol	68	42 - 118				
Terphenyl-d14	81	44 - 121				

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

**SEMIVOLATILES by EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0507S2					
n-Nitrosodimethylamine	ND	0.033	EPA 8270	5-7-10	5-10-10	
Pyridine	ND	0.33	EPA 8270	5-7-10	5-10-10	
Phenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
Aniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroethyl)ether	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Chlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,3-Dichlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,4-Dichlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Benzyl alcohol	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,2-Dichlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Methylphenol (o-Cresol)	ND	0.033	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroisopropyl)ether	ND	0.033	EPA 8270	5-7-10	5-10-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.033	EPA 8270	5-7-10	5-10-10	
n-Nitroso-di-n-propylamine	ND	0.033	EPA 8270	5-7-10	5-10-10	
Hexachloroethane	ND	0.033	EPA 8270	5-7-10	5-10-10	
Nitrobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Isophorone	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Nitrophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4-Dimethylphenol	ND	0.83	EPA 8270	5-7-10	5-10-10	
bis(2-Chloroethoxy)methane	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4-Dichlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,2,4-Trichlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Naphthalene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
4-Chloroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
Hexachlorobutadiene	ND	0.033	EPA 8270	5-7-10	5-10-10	
4-Chloro-3-methylphenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
1-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Hexachlorocyclopentadiene	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4,6-Trichlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,3-Dichloroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4,5-Trichlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Chloronaphthalene	ND	0.033	EPA 8270	5-7-10	5-10-10	
2-Nitroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,4-Dinitrobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Dimethylphthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,3-Dinitrobenzene	ND	0.17	EPA 8270	5-7-10	5-10-10	
2,6-Dinitrotoluene	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,2-Dinitrobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Acenaphthylene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
3-Nitroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0507S2					
2,4-Dinitrophenol	ND	0.17	EPA 8270	5-7-10	5-10-10	
Acenaphthene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
4-Nitrophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,4-Dinitrotoluene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Dibenzofuran	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,3,5,6-Tetrachlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
2,3,4,6-Tetrachlorophenol	ND	0.033	EPA 8270	5-7-10	5-10-10	
Diethylphthalate	ND	0.17	EPA 8270	5-7-10	5-10-10	
4-Chlorophenyl-phenylether	ND	0.033	EPA 8270	5-7-10	5-10-10	
4-Nitroaniline	ND	0.033	EPA 8270	5-7-10	5-10-10	
Fluorene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
4,6-Dinitro-2-methylphenol	ND	0.17	EPA 8270	5-7-10	5-10-10	
n-Nitrosodiphenylamine	ND	0.033	EPA 8270	5-7-10	5-10-10	
1,2-Diphenylhydrazine	ND	0.033	EPA 8270	5-7-10	5-10-10	
4-Bromophenyl-phenylether	ND	0.033	EPA 8270	5-7-10	5-10-10	
Hexachlorobenzene	ND	0.033	EPA 8270	5-7-10	5-10-10	
Pentachlorophenol	ND	0.17	EPA 8270	5-7-10	5-10-10	
Phenanthrene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Anthracene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Carbazole	ND	0.033	EPA 8270	5-7-10	5-10-10	
Di-n-butylphthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
Fluoranthene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Benzidine	ND	0.33	EPA 8270	5-7-10	5-10-10	
Pyrene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Butylbenzylphthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
bis-2-Ethylhexyladipate	ND	0.033	EPA 8270	5-7-10	5-10-10	
3,3'-Dichlorobenzidine	ND	0.33	EPA 8270	5-7-10	5-10-10	
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Chrysene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
bis(2-Ethylhexyl)phthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
Di-n-octylphthalate	ND	0.033	EPA 8270	5-7-10	5-10-10	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[k]fluoranthene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Indeno[1,2,3-cd]pyrene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270/SIM	5-7-10	5-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>59</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>64</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>60</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>62</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>69</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>76</i>	<i>44 - 121</i>				

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

**SEMIVOLATILES by EPA 8270D/SIM
 MS/MSD QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	05-048-01										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	0.983	0.874	1.33	1.33	ND	74	66	31 - 111	12	27	
2-Chlorophenol	0.955	0.849	1.33	1.33	ND	72	64	36 - 106	12	32	
1,4-Dichlorobenzene	0.346	0.327	0.667	0.667	ND	52	49	25 - 96	6	42	
n-Nitroso-di-n-propylamine	0.510	0.456	0.667	0.667	ND	76	68	37 - 107	11	36	
1,2,4-Trichlorobenzene	0.405	0.371	0.667	0.667	ND	61	56	29 - 101	9	31	
4-Chloro-3-methylphenol	1.14	1.08	1.33	1.33	ND	86	81	47 - 112	5	18	
Acenaphthene	0.533	0.493	0.667	0.667	ND	80	74	43 - 104	8	19	
4-Nitrophenol	1.12	1.08	1.33	1.33	ND	84	81	24 - 133	4	18	
2,4-Dinitrotoluene	0.548	0.524	0.667	0.667	ND	82	79	42 - 117	4	19	
Pentachlorophenol	1.18	1.10	1.33	1.33	ND	89	83	25 - 135	7	20	
Pyrene	0.616	0.572	0.667	0.667	ND	92	86	29 - 129	7	29	
<i>Surrogate:</i>											
2-Fluorophenol						65	60	22 - 107			
Phenol-d6						78	71	28 - 116			
Nitrobenzene-d5						71	67	25 - 111			
2-Fluorobiphenyl						75	72	35 - 108			
2,4,6-Tribromophenol						76	73	42 - 118			
Terphenyl-d14						85	85	44 - 121			

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	05-048-01					
Client ID:	WSP-MW-13-SB-06					
Arsenic	ND	12	6010B	5-12-10	5-12-10	
Cadmium	ND	0.60	6010B	5-12-10	5-12-10	
Chromium	19	0.60	6010B	5-12-10	5-12-10	
Copper	29	2.1	6010B	5-12-10	5-12-10	
Lead	13	6.0	6010B	5-12-10	5-12-10	
Manganese	720	6.0	6010B	5-12-10	5-12-10	
Mercury	ND	0.30	7471A	5-12-10	5-12-10	

Date of Report: May 14, 2010
Samples Submitted: May 7, 2010
Laboratory Reference: 1005-048
Project: 2009-138

**TOTAL METALS
EPA 6010B/7471A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-12-10
Date Analyzed: 5-12-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0512S1&MB0512S3

Analyte	Method	Result	PQL
Arsenic	6010B	ND	10
Cadmium	6010B	ND	0.50
Chromium	6010B	ND	0.50
Copper	6010B	ND	1.8
Lead	6010B	ND	5.0
Manganese	6010B	ND	0.50
Mercury	7471A	ND	0.25

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 5-12-10
 Date Analyzed: 5-12-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 05-048-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	10	
Cadmium	ND	ND	NA	0.50	
Chromium	15.5	14.9	4	0.50	
Copper	24.1	23.9	1	1.8	
Lead	11.0	11.6	6	5.0	
Manganese	605	542	11	0.50	
Mercury	ND	ND	NA	0.25	

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A
 MS/MSD QUALITY CONTROL**

Date Extracted: 5-12-10

Date Analyzed: 5-12-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-048-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	101	101	100	100	1	
Cadmium	50	43.7	87	43.8	88	0	
Chromium	100	102	86	101	86	1	
Copper	50	76.0	104	75.8	103	0	
Lead	250	217	82	219	83	1	
Manganese	100	706	100	674	69	5	A
Mercury	0.50	0.482	96	0.473	95	2	

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

NWTPH-Gx

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-13-SB-06					
Laboratory ID:	05-048-01					
Gasoline	ND	8.0	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>108</i>	<i>55-127</i>				

Date of Report: May 14, 2010
 Samples Submitted: May 7, 2010
 Laboratory Reference: 1005-048
 Project: 2009-138

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0513S1					
Gasoline	ND	5.0	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	91	55-127				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	05-048-01							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				108	108	55-127		

Date of Report: May 14, 2010
Samples Submitted: May 7, 2010
Laboratory Reference: 1005-048
Project: 2009-138

% MOISTURE

Date Analyzed: 5-7-10

Client ID	Lab ID	% Moisture
WSP-MW-13-SB-06	05-048-01	16



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 21, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project 2009-138
Laboratory Reference No. 1005-055

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on May 8, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: May 21, 2010
Samples Submitted: May 8, 2010
Laboratory Reference: 1005-055
Project: 2009-138

Case Narrative

Samples were collected on May 7, 2010 and received by the laboratory on May 8, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx and Volatiles EPA 8260B (soil) Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Total Metals EPA 6010B/7471A Analysis

Due to the high concentration of Manganese in the QC sample, the amount spiked was insufficient for meaningful MS/MSD recovery data. The Spike Blank recovery was 104%.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

NWTPH-Dx

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	05-055-01				
Client ID:	WSP-MW-11-SB-06				
Diesel Range	ND	30	5-13-10	5-13-10	Y
Lube Oil Range	ND	59	5-13-10	5-13-10	Y
Surrogate: o-terphenyl	82%	50-150			

Date of Report: May 21, 2010
Samples Submitted: May 8, 2010
Laboratory Reference: 1005-055
Project: 2009-138

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-13-10
Date Analyzed: 5-13-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0513S1

Diesel Range: **ND**
PQL: 25
Identification: ---

Lube Oil Range: **ND**
PQL: 50
Identification: ---

Surrogate Recovery
o-Terphenyl: 73%

Flags: Y

Date of Report: May 21, 2010
Samples Submitted: May 8, 2010
Laboratory Reference: 1005-055
Project: 2009-138

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-13-10
Date Analyzed: 5-13-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-096-03 05-096-03 DUP

Diesel Range: **ND** **ND**
PQL: 25 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 68% 67%

Flags: Y Y

Date of Report: May 21, 2010
Samples Submitted: May 8, 2010
Laboratory Reference: 1005-055
Project: 2009-138

NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
Lab ID:	05-055-06				
Client ID:	WSP-RB-050710				
Diesel Range	ND	0.27	5-11-10	5-11-10	Y
Lube Oil Range	ND	0.43	5-11-10	5-11-10	Y
Surrogate: o-terphenyl	76%	50-150			

Date of Report: May 21, 2010
Samples Submitted: May 8, 2010
Laboratory Reference: 1005-055
Project: 2009-138

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-11-10
Date Analyzed: 5-11-10

Matrix: Water
Units: mg/L (ppm)

Lab ID: MB0511W1

Diesel Range: **ND**
PQL: 0.25
Identification: ---

Lube Oil Range: **ND**
PQL: 0.40
Identification: ---

Surrogate Recovery
o-Terphenyl: 80%

Flags: Y

Date of Report: May 21, 2010
Samples Submitted: May 8, 2010
Laboratory Reference: 1005-055
Project: 2009-138

**NWTPH-Dx
DUPLICATE QUALITY CONTROL**

Date Extracted: 5-11-10
Date Analyzed: 5-11-10

Matrix: Water
Units: mg/L (ppm)

Lab ID: 05-055-06 05-055-06 DUP

Diesel Range: **ND** **ND**
PQL: 0.27 0.30

RPD: N/A

Surrogate Recovery
o-Terphenyl: 76% 76%

Flags: Y Y

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

VOLATILES by EPA 8260B
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Date Extracted: 5-11-10
 Date Analyzed: 5-11-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 05-055-01
Client ID: WSP-MW-11-SB-06

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0014
Chloromethane	ND		0.0068
Vinyl Chloride	ND		0.0014
Bromomethane	ND		0.0014
Chloroethane	ND		0.0068
Trichlorofluoromethane	ND		0.0014
1,1-Dichloroethene	ND		0.0014
Acetone	0.042		0.0068
Iodomethane	ND		0.0068
Carbon Disulfide	ND		0.0014
Methylene Chloride	ND		0.0068
(trans) 1,2-Dichloroethene	ND		0.0014
Methyl t-Butyl Ether	ND		0.0014
1,1-Dichloroethane	ND		0.0014
Vinyl Acetate	ND		0.0068
2,2-Dichloropropane	ND		0.0014
(cis) 1,2-Dichloroethene	ND		0.0014
2-Butanone	ND		0.0068
Bromochloromethane	ND		0.0014
Chloroform	ND		0.0014
1,1,1-Trichloroethane	ND		0.0014
Carbon Tetrachloride	ND		0.0014
1,1-Dichloropropene	ND		0.0014
Benzene	0.0016		0.0014
1,2-Dichloroethane	ND		0.0014
Trichloroethene	ND		0.0014
1,2-Dichloropropane	ND		0.0014
Dibromomethane	ND		0.0014
Bromodichloromethane	ND		0.0014
2-Chloroethyl Vinyl Ether	ND		0.0068
(cis) 1,3-Dichloropropene	ND		0.0014
Methyl Isobutyl Ketone	ND		0.0068
Toluene	ND		0.0068
(trans) 1,3-Dichloropropene	ND		0.0014

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

VOLATILES by EPA 8260B
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Lab ID: 05-055-01
 Client ID: WSP-MW-11-SB-06

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0014
Tetrachloroethene	ND		0.0014
1,3-Dichloropropane	ND		0.0014
2-Hexanone	ND		0.0068
Dibromochloromethane	ND		0.0014
1,2-Dibromoethane	ND		0.0014
Chlorobenzene	ND		0.0014
1,1,1,2-Tetrachloroethane	ND		0.0014
Ethylbenzene	ND		0.0014
m,p-Xylene	ND		0.0027
o-Xylene	ND		0.0014
Styrene	ND		0.0014
Bromoform	ND		0.0014
Isopropylbenzene	ND		0.0014
Bromobenzene	ND		0.0014
1,1,2,2-Tetrachloroethane	ND		0.0014
1,2,3-Trichloropropane	ND		0.0014
n-Propylbenzene	ND		0.0014
2-Chlorotoluene	ND		0.0014
4-Chlorotoluene	ND		0.0014
1,3,5-Trimethylbenzene	ND		0.0014
tert-Butylbenzene	ND		0.0014
1,2,4-Trimethylbenzene	ND		0.0014
sec-Butylbenzene	ND		0.0014
1,3-Dichlorobenzene	ND		0.0014
p-Isopropyltoluene	ND		0.0014
1,4-Dichlorobenzene	ND		0.0014
1,2-Dichlorobenzene	ND		0.0014
n-Butylbenzene	ND		0.0014
1,2-Dibromo-3-chloropropane	ND		0.0068
1,2,4-Trichlorobenzene	ND		0.0014
Hexachlorobutadiene	ND		0.0068
Naphthalene	ND		0.0014
1,2,3-Trichlorobenzene	ND		0.0014

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	99	66-128
Toluene-d8	97	68-126
4-Bromofluorobenzene	82	53-134

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
 page 1 of 2

Date Extracted: 5-11-10
 Date Analyzed: 5-11-10
 Matrix: Soil
 Units: mg/kg (ppm)
 Lab ID: MB0511S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0511S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	108	66-128
Toluene-d8	106	68-126
4-Bromofluorobenzene	94	53-134

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 5-11-10
 Date Analyzed: 5-11-10
 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0511S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0431	86	0.0462	92	70-130	
Benzene	0.0500	0.0427	85	0.0465	93	70-121	
Trichloroethene	0.0500	0.0410	82	0.0415	83	70-124	
Toluene	0.0500	0.0522	104	0.0510	102	70-123	
Chlorobenzene	0.0500	0.0413	83	0.0427	85	71-119	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	7	14	
Benzene	9	10	
Trichloroethene	1	12	
Toluene	2	12	
Chlorobenzene	3	9	

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

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Date Extracted: 5-11-10
 Date Analyzed: 5-11-10
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: 05-055-06
 Client ID: WSP-RB-050710

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

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Lab ID: 05-055-06
 Client ID: **WSP-RB-050710**

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	88		71-126
Toluene-d8	85		76-116
4-Bromofluorobenzene	80		70-123

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
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METHOD BLANK QUALITY CONTROL
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Date Extracted: 5-11-10
 Date Analyzed: 5-11-10

 Matrix: Water
 Units: ug/L (ppb)

 Lab ID: MB0511W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0511W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	92	71-126
Toluene-d8	91	76-116
4-Bromofluorobenzene	87	70-123

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 5-11-10

Date Analyzed: 5-11-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: SB0511W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	10.4	104	9.66	97	70-130	
Benzene	10.0	10.3	103	9.96	100	73-130	
Trichloroethene	10.0	10.3	103	10.1	101	79-122	
Toluene	10.0	10.2	102	9.98	100	80-121	
Chlorobenzene	10.0	10.1	101	9.59	96	83-116	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	7	15	
Benzene	3	14	
Trichloroethene	2	14	
Toluene	2	13	
Chlorobenzene	5	13	

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-11-SB-06					
Laboratory ID:	05-055-01					
n-Nitrosodimethylamine	ND	0.040	EPA 8270	5-17-10	5-17-10	
Pyridine	ND	0.40	EPA 8270	5-17-10	5-17-10	
Phenol	ND	0.040	EPA 8270	5-17-10	5-17-10	
Aniline	ND	0.040	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroethyl)ether	ND	0.040	EPA 8270	5-17-10	5-17-10	
2-Chlorophenol	ND	0.040	EPA 8270	5-17-10	5-17-10	
1,3-Dichlorobenzene	ND	0.040	EPA 8270	5-17-10	5-17-10	
1,4-Dichlorobenzene	ND	0.040	EPA 8270	5-17-10	5-17-10	
Benzyl alcohol	ND	0.040	EPA 8270	5-17-10	5-17-10	
1,2-Dichlorobenzene	ND	0.040	EPA 8270	5-17-10	5-17-10	
2-Methylphenol (o-Cresol)	ND	0.040	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroisopropyl)ether	ND	0.040	EPA 8270	5-17-10	5-17-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.040	EPA 8270	5-17-10	5-17-10	
n-Nitroso-di-n-propylamine	ND	0.040	EPA 8270	5-17-10	5-17-10	
Hexachloroethane	ND	0.040	EPA 8270	5-17-10	5-17-10	
Nitrobenzene	ND	0.040	EPA 8270	5-17-10	5-17-10	
Isophorone	ND	0.040	EPA 8270	5-17-10	5-17-10	
2-Nitrophenol	ND	0.040	EPA 8270	5-17-10	5-17-10	
2,4-Dimethylphenol	ND	0.99	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroethoxy)methane	ND	0.040	EPA 8270	5-17-10	5-17-10	
2,4-Dichlorophenol	ND	0.040	EPA 8270	5-17-10	5-17-10	
1,2,4-Trichlorobenzene	ND	0.040	EPA 8270	5-17-10	5-17-10	
Naphthalene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
4-Chloroaniline	ND	0.040	EPA 8270	5-17-10	5-17-10	
Hexachlorobutadiene	ND	0.040	EPA 8270	5-17-10	5-17-10	
4-Chloro-3-methylphenol	ND	0.040	EPA 8270	5-17-10	5-17-10	
2-Methylnaphthalene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
1-Methylnaphthalene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
Hexachlorocyclopentadiene	ND	0.040	EPA 8270	5-17-10	5-17-10	
2,4,6-Trichlorophenol	ND	0.040	EPA 8270	5-17-10	5-17-10	
2,3-Dichloroaniline	ND	0.040	EPA 8270	5-17-10	5-17-10	
2,4,5-Trichlorophenol	ND	0.040	EPA 8270	5-17-10	5-17-10	
2-Chloronaphthalene	ND	0.040	EPA 8270	5-17-10	5-17-10	
2-Nitroaniline	ND	0.040	EPA 8270	5-17-10	5-17-10	
1,4-Dinitrobenzene	ND	0.040	EPA 8270	5-17-10	5-17-10	
Dimethylphthalate	ND	0.040	EPA 8270	5-17-10	5-17-10	
1,3-Dinitrobenzene	ND	0.20	EPA 8270	5-17-10	5-17-10	
2,6-Dinitrotoluene	ND	0.040	EPA 8270	5-17-10	5-17-10	
1,2-Dinitrobenzene	ND	0.040	EPA 8270	5-17-10	5-17-10	
Acenaphthylene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
3-Nitroaniline	ND	0.040	EPA 8270	5-17-10	5-17-10	

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-11-SB-06					
Laboratory ID:	05-055-01					
2,4-Dinitrophenol	ND	0.20	EPA 8270	5-17-10	5-17-10	
Acenaphthene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
4-Nitrophenol	ND	0.040	EPA 8270	5-17-10	5-17-10	
2,4-Dinitrotoluene	ND	0.040	EPA 8270	5-17-10	5-17-10	
Dibenzofuran	ND	0.040	EPA 8270	5-17-10	5-17-10	
2,3,5,6-Tetrachlorophenol	ND	0.040	EPA 8270	5-17-10	5-17-10	
2,3,4,6-Tetrachlorophenol	ND	0.040	EPA 8270	5-17-10	5-17-10	
Diethylphthalate	ND	0.20	EPA 8270	5-17-10	5-17-10	
4-Chlorophenyl-phenylether	ND	0.040	EPA 8270	5-17-10	5-17-10	
4-Nitroaniline	ND	0.040	EPA 8270	5-17-10	5-17-10	
Fluorene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
4,6-Dinitro-2-methylphenol	ND	0.20	EPA 8270	5-17-10	5-17-10	
n-Nitrosodiphenylamine	ND	0.040	EPA 8270	5-17-10	5-17-10	
1,2-Diphenylhydrazine	ND	0.040	EPA 8270	5-17-10	5-17-10	
4-Bromophenyl-phenylether	ND	0.040	EPA 8270	5-17-10	5-17-10	
Hexachlorobenzene	ND	0.040	EPA 8270	5-17-10	5-17-10	
Pentachlorophenol	ND	0.20	EPA 8270	5-17-10	5-17-10	
Phenanthrene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
Anthracene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
Carbazole	ND	0.040	EPA 8270	5-17-10	5-17-10	
Di-n-butylphthalate	ND	0.040	EPA 8270	5-17-10	5-17-10	
Fluoranthene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
Benzidine	ND	0.40	EPA 8270	5-17-10	5-17-10	
Pyrene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
Butylbenzylphthalate	ND	0.040	EPA 8270	5-17-10	5-17-10	
bis-2-Ethylhexyladipate	ND	0.040	EPA 8270	5-17-10	5-17-10	
3,3'-Dichlorobenzidine	ND	0.40	EPA 8270	5-17-10	5-17-10	
Benzo[a]anthracene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
Chrysene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.040	EPA 8270	5-17-10	5-17-10	
Di-n-octylphthalate	ND	0.040	EPA 8270	5-17-10	5-17-10	
Benzo[b]fluoranthene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[k]fluoranthene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[a]pyrene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
Indeno[1,2,3-cd]pyrene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
Dibenz[a,h]anthracene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[g,h,i]perylene	ND	0.0079	EPA 8270/SIM	5-17-10	5-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>67</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>73</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>69</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>74</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>75</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>80</i>	<i>44 - 121</i>				

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0517S1					
n-Nitrosodimethylamine	ND	0.033	EPA 8270	5-17-10	5-17-10	
Pyridine	ND	0.33	EPA 8270	5-17-10	5-17-10	
Phenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
Aniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroethyl)ether	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Chlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,3-Dichlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,4-Dichlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Benzyl alcohol	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,2-Dichlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Methylphenol (o-Cresol)	ND	0.033	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroisopropyl)ether	ND	0.033	EPA 8270	5-17-10	5-17-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.033	EPA 8270	5-17-10	5-17-10	
n-Nitroso-di-n-propylamine	ND	0.033	EPA 8270	5-17-10	5-17-10	
Hexachloroethane	ND	0.033	EPA 8270	5-17-10	5-17-10	
Nitrobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Isophorone	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Nitrophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4-Dimethylphenol	ND	0.83	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroethoxy)methane	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4-Dichlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,2,4-Trichlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Naphthalene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
4-Chloroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
Hexachlorobutadiene	ND	0.033	EPA 8270	5-17-10	5-17-10	
4-Chloro-3-methylphenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
1-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Hexachlorocyclopentadiene	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4,6-Trichlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,3-Dichloroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4,5-Trichlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Chloronaphthalene	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Nitroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,4-Dinitrobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Dimethylphthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,3-Dinitrobenzene	ND	0.17	EPA 8270	5-17-10	5-17-10	
2,6-Dinitrotoluene	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,2-Dinitrobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Acenaphthylene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
3-Nitroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0517S1					
2,4-Dinitrophenol	ND	0.17	EPA 8270	5-17-10	5-17-10	
Acenaphthene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
4-Nitrophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4-Dinitrotoluene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Dibenzofuran	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,3,5,6-Tetrachlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,3,4,6-Tetrachlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
Diethylphthalate	ND	0.17	EPA 8270	5-17-10	5-17-10	
4-Chlorophenyl-phenylether	ND	0.033	EPA 8270	5-17-10	5-17-10	
4-Nitroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
Fluorene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
4,6-Dinitro-2-methylphenol	ND	0.17	EPA 8270	5-17-10	5-17-10	
n-Nitrosodiphenylamine	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,2-Diphenylhydrazine	ND	0.033	EPA 8270	5-17-10	5-17-10	
4-Bromophenyl-phenylether	ND	0.033	EPA 8270	5-17-10	5-17-10	
Hexachlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Pentachlorophenol	ND	0.17	EPA 8270	5-17-10	5-17-10	
Phenanthrene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Anthracene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Carbazole	ND	0.033	EPA 8270	5-17-10	5-17-10	
Di-n-butylphthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
Fluoranthene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Benzidine	ND	0.33	EPA 8270	5-17-10	5-17-10	
Pyrene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Butylbenzylphthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
bis-2-Ethylhexyladipate	ND	0.033	EPA 8270	5-17-10	5-17-10	
3,3'-Dichlorobenzidine	ND	0.33	EPA 8270	5-17-10	5-17-10	
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Chrysene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
Di-n-octylphthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[k]fluoranthene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Indeno[1,2,3-cd]pyrene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	74	22 - 107				
Phenol-d6	75	28 - 116				
Nitrobenzene-d5	75	25 - 111				
2-Fluorobiphenyl	74	35 - 108				
2,4,6-Tribromophenol	76	42 - 118				
Terphenyl-d14	81	44 - 121				

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

**SEMIVOLATILES by EPA 8270D/SIM
 MS/MSD QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD	RPD	Flags
					Result	Recovery	Limits			Limit	
MATRIX SPIKES											
Laboratory ID:	05-103-02										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	0.853	0.897	1.33	1.33	ND	64	67	31 - 111	5	27	
2-Chlorophenol	0.905	0.988	1.33	1.33	ND	68	74	36 - 106	9	32	
1,4-Dichlorobenzene	0.395	0.421	0.667	0.667	ND	59	63	25 - 96	6	42	
n-Nitroso-di-n-propylamine	0.464	0.488	0.667	0.667	ND	70	73	37 - 107	5	36	
1,2,4-Trichlorobenzene	0.403	0.430	0.667	0.667	ND	60	64	29 - 101	6	31	
4-Chloro-3-methylphenol	0.978	1.01	1.33	1.33	ND	74	76	47 - 112	3	18	
Acenaphthene	0.450	0.486	0.667	0.667	ND	67	73	43 - 104	8	19	
4-Nitrophenol	1.02	1.04	1.33	1.33	ND	77	78	24 - 133	2	18	
2,4-Dinitrotoluene	0.486	0.493	0.667	0.667	ND	73	74	42 - 117	1	19	
Pentachlorophenol	1.07	1.08	1.33	1.33	ND	80	81	25 - 135	1	20	
Pyrene	0.525	0.538	0.667	0.667	ND	79	81	29 - 129	2	29	
<i>Surrogate:</i>											
<i>2-Fluorophenol</i>						64	69	22 - 107			
<i>Phenol-d6</i>						67	71	28 - 116			
<i>Nitrobenzene-d5</i>						66	69	25 - 111			
<i>2-Fluorobiphenyl</i>						65	70	35 - 108			
<i>2,4,6-Tribromophenol</i>						66	70	42 - 118			
<i>Terphenyl-d14</i>						74	76	44 - 121			

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM

page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-RB-050710					
Laboratory ID:	05-055-06					
n-Nitrosodimethylamine	ND	0.95	EPA 8270	5-11-10	5-11-10	
Pyridine	ND	9.5	EPA 8270	5-11-10	5-11-10	
Phenol	ND	0.95	EPA 8270	5-11-10	5-11-10	
Aniline	ND	4.7	EPA 8270	5-11-10	5-11-10	
bis(2-Chloroethyl)ether	ND	0.95	EPA 8270	5-11-10	5-11-10	
2-Chlorophenol	ND	0.95	EPA 8270	5-11-10	5-11-10	
1,3-Dichlorobenzene	ND	0.95	EPA 8270	5-11-10	5-11-10	
1,4-Dichlorobenzene	ND	0.95	EPA 8270	5-11-10	5-11-10	
Benzyl alcohol	ND	0.95	EPA 8270	5-11-10	5-11-10	
1,2-Dichlorobenzene	ND	0.95	EPA 8270	5-11-10	5-11-10	
2-Methylphenol (o-Cresol)	ND	0.95	EPA 8270	5-11-10	5-11-10	
bis(2-Chloroisopropyl)ether	ND	0.95	EPA 8270	5-11-10	5-11-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.95	EPA 8270	5-11-10	5-11-10	
n-Nitroso-di-n-propylamine	ND	0.95	EPA 8270	5-11-10	5-11-10	
Hexachloroethane	ND	0.95	EPA 8270	5-11-10	5-11-10	
Nitrobenzene	ND	0.95	EPA 8270	5-11-10	5-11-10	
Isophorone	ND	0.95	EPA 8270	5-11-10	5-11-10	
2-Nitrophenol	ND	0.95	EPA 8270	5-11-10	5-11-10	
2,4-Dimethylphenol	ND	0.95	EPA 8270	5-11-10	5-11-10	
bis(2-Chloroethoxy)methane	ND	0.95	EPA 8270	5-11-10	5-11-10	
2,4-Dichlorophenol	ND	0.95	EPA 8270	5-11-10	5-11-10	
1,2,4-Trichlorobenzene	ND	0.95	EPA 8270	5-11-10	5-11-10	
Naphthalene	ND	0.095	EPA 8270/SIM	5-11-10	5-11-10	
4-Chloroaniline	ND	9.5	EPA 8270	5-11-10	5-11-10	
Hexachlorobutadiene	ND	0.95	EPA 8270	5-11-10	5-11-10	
4-Chloro-3-methylphenol	ND	0.95	EPA 8270	5-11-10	5-11-10	
2-Methylnaphthalene	ND	0.095	EPA 8270/SIM	5-11-10	5-11-10	
1-Methylnaphthalene	ND	0.095	EPA 8270/SIM	5-11-10	5-11-10	
Hexachlorocyclopentadiene	ND	0.95	EPA 8270	5-11-10	5-11-10	
2,4,6-Trichlorophenol	ND	0.95	EPA 8270	5-11-10	5-11-10	
2,3-Dichloroaniline	ND	0.95	EPA 8270	5-11-10	5-11-10	
2,4,5-Trichlorophenol	ND	0.95	EPA 8270	5-11-10	5-11-10	
2-Chloronaphthalene	ND	0.95	EPA 8270	5-11-10	5-11-10	
2-Nitroaniline	ND	0.95	EPA 8270	5-11-10	5-11-10	
1,4-Dinitrobenzene	ND	0.95	EPA 8270	5-11-10	5-11-10	
Dimethylphthalate	ND	0.95	EPA 8270	5-11-10	5-11-10	
1,3-Dinitrobenzene	ND	0.95	EPA 8270	5-11-10	5-11-10	
2,6-Dinitrotoluene	ND	0.95	EPA 8270	5-11-10	5-11-10	
1,2-Dinitrobenzene	ND	0.95	EPA 8270	5-11-10	5-11-10	
Acenaphthylene	ND	0.095	EPA 8270/SIM	5-11-10	5-11-10	
3-Nitroaniline	ND	0.95	EPA 8270	5-11-10	5-11-10	

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

SEMIVOLATILES by EPA 8270/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-RB-050710					
Laboratory ID:	05-055-06					
2,4-Dinitrophenol	ND	9.5	EPA 8270	5-11-10	5-11-10	
Acenaphthene	ND	0.095	EPA 8270/SIM	5-11-10	5-11-10	
4-Nitrophenol	ND	0.95	EPA 8270	5-11-10	5-11-10	
2,4-Dinitrotoluene	ND	0.95	EPA 8270	5-11-10	5-11-10	
Dibenzofuran	ND	0.95	EPA 8270	5-11-10	5-11-10	
2,3,5,6-Tetrachlorophenol	ND	0.95	EPA 8270	5-11-10	5-11-10	
2,3,4,6-Tetrachlorophenol	ND	0.95	EPA 8270	5-11-10	5-11-10	
Diethylphthalate	ND	0.95	EPA 8270	5-11-10	5-11-10	
4-Chlorophenyl-phenylether	ND	0.95	EPA 8270	5-11-10	5-11-10	
4-Nitroaniline	ND	0.95	EPA 8270	5-11-10	5-11-10	
Fluorene	ND	0.095	EPA 8270/SIM	5-11-10	5-11-10	
4,6-Dinitro-2-methylphenol	ND	4.7	EPA 8270	5-11-10	5-11-10	
n-Nitrosodiphenylamine	ND	9.5	EPA 8270	5-11-10	5-11-10	
1,2-Diphenylhydrazine	ND	0.95	EPA 8270	5-11-10	5-11-10	
4-Bromophenyl-phenylether	ND	0.95	EPA 8270	5-11-10	5-11-10	
Hexachlorobenzene	ND	0.95	EPA 8270	5-11-10	5-11-10	
Pentachlorophenol	ND	4.7	EPA 8270	5-11-10	5-11-10	
Phenanthrene	ND	0.095	EPA 8270/SIM	5-11-10	5-11-10	
Anthracene	ND	0.095	EPA 8270/SIM	5-11-10	5-11-10	
Carbazole	ND	0.95	EPA 8270	5-11-10	5-11-10	
Di-n-butylphthalate	ND	0.95	EPA 8270	5-11-10	5-11-10	
Fluoranthene	ND	0.095	EPA 8270/SIM	5-11-10	5-11-10	
Benzidine	ND	9.5	EPA 8270	5-11-10	5-11-10	
Pyrene	ND	0.095	EPA 8270/SIM	5-11-10	5-11-10	
Butylbenzylphthalate	ND	0.95	EPA 8270	5-11-10	5-11-10	
bis-2-Ethylhexyladipate	ND	0.95	EPA 8270	5-11-10	5-11-10	
3,3'-Dichlorobenzidine	ND	9.5	EPA 8270	5-11-10	5-11-10	
Benzo[a]anthracene	ND	0.0095	EPA 8270/SIM	5-11-10	5-11-10	
Chrysene	ND	0.0095	EPA 8270/SIM	5-11-10	5-11-10	
bis(2-Ethylhexyl)phthalate	ND	0.95	EPA 8270	5-11-10	5-11-10	
Di-n-octylphthalate	ND	0.95	EPA 8270	5-11-10	5-11-10	
Benzo[b]fluoranthene	ND	0.0095	EPA 8270/SIM	5-11-10	5-11-10	
Benzo[k]fluoranthene	ND	0.0095	EPA 8270/SIM	5-11-10	5-11-10	
Benzo[a]pyrene	ND	0.0095	EPA 8270/SIM	5-11-10	5-11-10	
Indeno[1,2,3-cd]pyrene	ND	0.0095	EPA 8270/SIM	5-11-10	5-11-10	
Dibenz[a,h]anthracene	ND	0.0095	EPA 8270/SIM	5-11-10	5-11-10	
Benzo[g,h,i]perylene	ND	0.0095	EPA 8270/SIM	5-11-10	5-11-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	44	14 - 95				
Phenol-d6	31	10 - 94				
Nitrobenzene-d5	72	34 - 118				
2-Fluorobiphenyl	71	42 - 111				
2,4,6-Tribromophenol	79	52 - 117				
Terphenyl-d14	85	57 - 114				

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0511W1					
n-Nitrosodimethylamine	ND	1.0	EPA 8270	5-11-10	5-11-10	
Pyridine	ND	10	EPA 8270	5-11-10	5-11-10	
Phenol	ND	1.0	EPA 8270	5-11-10	5-11-10	
Aniline	ND	5.0	EPA 8270	5-11-10	5-11-10	
bis(2-Chloroethyl)ether	ND	1.0	EPA 8270	5-11-10	5-11-10	
2-Chlorophenol	ND	1.0	EPA 8270	5-11-10	5-11-10	
1,3-Dichlorobenzene	ND	1.0	EPA 8270	5-11-10	5-11-10	
1,4-Dichlorobenzene	ND	1.0	EPA 8270	5-11-10	5-11-10	
Benzyl alcohol	ND	1.0	EPA 8270	5-11-10	5-11-10	
1,2-Dichlorobenzene	ND	1.0	EPA 8270	5-11-10	5-11-10	
2-Methylphenol (o-Cresol)	ND	1.0	EPA 8270	5-11-10	5-11-10	
bis(2-Chloroisopropyl)ether	ND	1.0	EPA 8270	5-11-10	5-11-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	1.0	EPA 8270	5-11-10	5-11-10	
n-Nitroso-di-n-propylamine	ND	1.0	EPA 8270	5-11-10	5-11-10	
Hexachloroethane	ND	1.0	EPA 8270	5-11-10	5-11-10	
Nitrobenzene	ND	1.0	EPA 8270	5-11-10	5-11-10	
Isophorone	ND	1.0	EPA 8270	5-11-10	5-11-10	
2-Nitrophenol	ND	1.0	EPA 8270	5-11-10	5-11-10	
2,4-Dimethylphenol	ND	1.0	EPA 8270	5-11-10	5-11-10	
bis(2-Chloroethoxy)methane	ND	1.0	EPA 8270	5-11-10	5-11-10	
2,4-Dichlorophenol	ND	1.0	EPA 8270	5-11-10	5-11-10	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8270	5-11-10	5-11-10	
Naphthalene	ND	0.10	EPA 8270/SIM	5-11-10	5-11-10	
4-Chloroaniline	ND	10	EPA 8270	5-11-10	5-11-10	
Hexachlorobutadiene	ND	1.0	EPA 8270	5-11-10	5-11-10	
4-Chloro-3-methylphenol	ND	1.0	EPA 8270	5-11-10	5-11-10	
2-Methylnaphthalene	ND	0.10	EPA 8270/SIM	5-11-10	5-11-10	
1-Methylnaphthalene	ND	0.10	EPA 8270/SIM	5-11-10	5-11-10	
Hexachlorocyclopentadiene	ND	1.0	EPA 8270	5-11-10	5-11-10	
2,4,6-Trichlorophenol	ND	1.0	EPA 8270	5-11-10	5-11-10	
2,3-Dichloroaniline	ND	1.0	EPA 8270	5-11-10	5-11-10	
2,4,5-Trichlorophenol	ND	1.0	EPA 8270	5-11-10	5-11-10	
2-Chloronaphthalene	ND	1.0	EPA 8270	5-11-10	5-11-10	
2-Nitroaniline	ND	1.0	EPA 8270	5-11-10	5-11-10	
1,4-Dinitrobenzene	ND	1.0	EPA 8270	5-11-10	5-11-10	
Dimethylphthalate	ND	1.0	EPA 8270	5-11-10	5-11-10	
1,3-Dinitrobenzene	ND	1.0	EPA 8270	5-11-10	5-11-10	
2,6-Dinitrotoluene	ND	1.0	EPA 8270	5-11-10	5-11-10	
1,2-Dinitrobenzene	ND	1.0	EPA 8270	5-11-10	5-11-10	
Acenaphthylene	ND	0.10	EPA 8270/SIM	5-11-10	5-11-10	
3-Nitroaniline	ND	1.0	EPA 8270	5-11-10	5-11-10	

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0511W1					
2,4-Dinitrophenol	ND	10	EPA 8270	5-11-10	5-11-10	
Acenaphthene	ND	0.10	EPA 8270/SIM	5-11-10	5-11-10	
4-Nitrophenol	ND	1.0	EPA 8270	5-11-10	5-11-10	
2,4-Dinitrotoluene	ND	1.0	EPA 8270	5-11-10	5-11-10	
Dibenzofuran	ND	1.0	EPA 8270	5-11-10	5-11-10	
2,3,5,6-Tetrachlorophenol	ND	1.0	EPA 8270	5-11-10	5-11-10	
2,3,4,6-Tetrachlorophenol	ND	1.0	EPA 8270	5-11-10	5-11-10	
Diethylphthalate	ND	1.0	EPA 8270	5-11-10	5-11-10	
4-Chlorophenyl-phenylether	ND	1.0	EPA 8270	5-11-10	5-11-10	
4-Nitroaniline	ND	1.0	EPA 8270	5-11-10	5-11-10	
Fluorene	ND	0.10	EPA 8270/SIM	5-11-10	5-11-10	
4,6-Dinitro-2-methylphenol	ND	5.0	EPA 8270	5-11-10	5-11-10	
n-Nitrosodiphenylamine	ND	10	EPA 8270	5-11-10	5-11-10	
1,2-Diphenylhydrazine	ND	1.0	EPA 8270	5-11-10	5-11-10	
4-Bromophenyl-phenylether	ND	1.0	EPA 8270	5-11-10	5-11-10	
Hexachlorobenzene	ND	1.0	EPA 8270	5-11-10	5-11-10	
Pentachlorophenol	ND	5.0	EPA 8270	5-11-10	5-11-10	
Phenanthrene	ND	0.10	EPA 8270/SIM	5-11-10	5-11-10	
Anthracene	ND	0.10	EPA 8270/SIM	5-11-10	5-11-10	
Carbazole	ND	1.0	EPA 8270	5-11-10	5-11-10	
Di-n-butylphthalate	ND	1.0	EPA 8270	5-11-10	5-11-10	
Fluoranthene	ND	0.10	EPA 8270/SIM	5-11-10	5-11-10	
Benzidine	ND	10	EPA 8270	5-11-10	5-11-10	
Pyrene	ND	0.10	EPA 8270/SIM	5-11-10	5-11-10	
Butylbenzylphthalate	ND	1.0	EPA 8270	5-11-10	5-11-10	
bis-2-Ethylhexyladipate	ND	1.0	EPA 8270	5-11-10	5-11-10	
3,3'-Dichlorobenzidine	ND	10	EPA 8270	5-11-10	5-11-10	
Benzo[a]anthracene	ND	0.010	EPA 8270/SIM	5-11-10	5-11-10	
Chrysene	ND	0.010	EPA 8270/SIM	5-11-10	5-11-10	
bis(2-Ethylhexyl)phthalate	ND	1.0	EPA 8270	5-11-10	5-11-10	
Di-n-octylphthalate	ND	1.0	EPA 8270	5-11-10	5-11-10	
Benzo[b]fluoranthene	ND	0.010	EPA 8270/SIM	5-11-10	5-11-10	
Benzo[k]fluoranthene	ND	0.010	EPA 8270/SIM	5-11-10	5-11-10	
Benzo[a]pyrene	ND	0.010	EPA 8270/SIM	5-11-10	5-11-10	
Indeno[1,2,3-cd]pyrene	ND	0.010	EPA 8270/SIM	5-11-10	5-11-10	
Dibenz[a,h]anthracene	ND	0.010	EPA 8270/SIM	5-11-10	5-11-10	
Benzo[g,h,i]perylene	ND	0.010	EPA 8270/SIM	5-11-10	5-11-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	55	14 - 95				
Phenol-d6	40	10 - 94				
Nitrobenzene-d5	81	34 - 118				
2-Fluorobiphenyl	79	42 - 111				
2,4,6-Tribromophenol	81	52 - 117				
Terphenyl-d14	87	57 - 114				

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

**SEMIVOLATILES by EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	Limits	Limit		
SPIKE BLANKS										
Laboratory ID:	SB0511W1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	15.7	16.6	40.0	40.0	39	42	24 - 70	6	26	
2-Chlorophenol	29.1	30.8	40.0	40.0	73	77	36 - 116	6	28	
1,4-Dichlorobenzene	13.7	14.4	20.0	20.0	69	72	30 - 107	5	31	
n-Nitroso-di-n-propylamine	15.9	16.3	20.0	20.0	80	82	35 - 114	2	26	
1,2,4-Trichlorobenzene	13.9	14.5	20.0	20.0	70	73	29 - 108	4	29	
4-Chloro-3-methylphenol	32.7	33.0	40.0	40.0	82	83	56 - 108	1	17	
Acenaphthene	15.7	15.5	20.0	20.0	79	78	49 - 104	1	21	
4-Nitrophenol	18.9	19.1	40.0	40.0	47	48	17 - 86	1	23	
2,4-Dinitrotoluene	16.5	16.5	20.0	20.0	83	83	52 - 106	0	17	
Pentachlorophenol	33.6	35.5	40.0	40.0	84	89	45 - 110	5	24	
Pyrene	16.9	17.3	20.0	20.0	85	87	65 - 103	2	16	
<i>Surrogate:</i>										
2-Fluorophenol					55	59	14 - 95			
Phenol-d6					42	43	10 - 94			
Nitrobenzene-d5					80	82	34 - 118			
2-Fluorobiphenyl					77	77	42 - 111			
2,4,6-Tribromophenol					77	79	52 - 117			
Terphenyl-d14					83	86	57 - 114			

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	05-055-01					
Client ID:	WSP-MW-11-SB-06					
Arsenic	ND	12	6010B	5-12-10	5-12-10	
Cadmium	ND	0.59	6010B	5-12-10	5-12-10	
Chromium	16	0.59	6010B	5-12-10	5-12-10	
Copper	25	2.1	6010B	5-12-10	5-12-10	
Lead	9.6	5.9	6010B	5-12-10	5-12-10	
Manganese	680	5.9	6010B	5-12-10	5-12-10	
Mercury	ND	0.30	7471A	5-12-10	5-12-10	

Date of Report: May 21, 2010
Samples Submitted: May 8, 2010
Laboratory Reference: 1005-055
Project: 2009-138

**TOTAL METALS
EPA 6010B/7471A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-12-10
Date Analyzed: 5-12-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0512S1&MB0512S3

Analyte	Method	Result	PQL
Arsenic	6010B	ND	10
Cadmium	6010B	ND	0.50
Chromium	6010B	ND	0.50
Copper	6010B	ND	1.8
Lead	6010B	ND	5.0
Manganese	6010B	ND	0.50
Mercury	7471A	ND	0.25

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 5-12-10
 Date Analyzed: 5-12-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 05-048-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	10	
Cadmium	ND	ND	NA	0.50	
Chromium	15.5	14.9	4	0.50	
Copper	24.1	23.9	1	1.8	
Lead	11.0	11.6	6	5.0	
Manganese	605	542	11	0.50	
Mercury	ND	ND	NA	0.25	

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A
 MS/MSD QUALITY CONTROL**

Date Extracted: 5-12-10

Date Analyzed: 5-12-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-048-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	101	101	100	100	1	
Cadmium	50	43.7	87	43.8	88	0	
Chromium	100	102	86	101	86	1	
Copper	50	76.0	104	75.8	103	0	
Lead	250	217	82	219	83	1	
Manganese	100	706	100	674	69	5	A
Mercury	0.50	0.482	96	0.473	95	2	

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

**TOTAL METALS
 EPA 200.8/7470A**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	05-055-06					
Client ID:	WSP-RB-050710					
Arsenic	ND	3.3	200.8	5-17-10	5-17-10	
Cadmium	ND	4.4	200.8	5-17-10	5-17-10	
Chromium	ND	11	200.8	5-17-10	5-17-10	
Copper	ND	11	200.8	5-17-10	5-17-10	
Lead	ND	1.1	200.8	5-17-10	5-17-10	
Manganese	ND	11	200.8	5-17-10	5-17-10	
Mercury	ND	0.50	7470A	5-13-10	5-13-10	

Date of Report: May 21, 2010
Samples Submitted: May 8, 2010
Laboratory Reference: 1005-055
Project: 2009-138

**TOTAL METALS
EPA 200.8/7470A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-13&17-10
Date Analyzed: 5-13&17-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0513W1&MB0517W1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.3
Cadmium	200.8	ND	4.4
Chromium	200.8	ND	11
Copper	200.8	ND	11
Lead	200.8	ND	1.1
Manganese	200.8	ND	11
Mercury	7470A	ND	0.50

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

**TOTAL METALS
 EPA 200.8/7470A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 5-13&17-10
 Date Analyzed: 5-13&17-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 05-055-06

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.3	
Cadmium	ND	ND	NA	4.4	
Chromium	ND	ND	NA	11	
Copper	ND	ND	NA	11	
Lead	ND	ND	NA	1.1	
Manganese	ND	ND	NA	11	
Mercury	ND	ND	NA	0.50	

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

**TOTAL METALS
 EPA 200.8/7470A
 MS/MSD QUALITY CONTROL**

Date Extracted: 5-13&17-10
 Date Analyzed: 5-13&17-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 05-055-06

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	105	95	105	95	0	
Cadmium	110	106	96	106	96	0	
Chromium	110	105	95	104	94	1	
Copper	110	98.1	89	98.3	89	0	
Lead	110	104	95	104	95	0	
Manganese	110	111	101	109	99	2	
Mercury	12.5	11.7	94	11.9	95	2	

Date of Report: May 21, 2010
Samples Submitted: May 8, 2010
Laboratory Reference: 1005-055
Project: 2009-138

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-11-SB-06					
Laboratory ID:	05-055-01					
Gasoline	ND	8.0	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>94</i>	<i>55-127</i>				

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0513S1					
Gasoline	ND	5.0	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	91	55-127				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	05-048-01							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				108	108	55-127		

Date of Report: May 21, 2010
Samples Submitted: May 8, 2010
Laboratory Reference: 1005-055
Project: 2009-138

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-RB-050710					
Laboratory ID:	05-055-06					
Gasoline	ND	100	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	74-121				

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0513W1					
Gasoline	ND	100	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>94</i>	<i>74-121</i>				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	05-075-01							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				95	96	74-121		

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

PCBs by EPA 8082

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-11-SB-06					
Laboratory ID:	05-055-01					
Aroclor 1016	ND	0.060	EPA 8082	5-14-10	5-14-10	
Aroclor 1221	ND	0.060	EPA 8082	5-14-10	5-14-10	
Aroclor 1232	ND	0.060	EPA 8082	5-14-10	5-14-10	
Aroclor 1242	ND	0.060	EPA 8082	5-14-10	5-14-10	
Aroclor 1248	ND	0.060	EPA 8082	5-14-10	5-14-10	
Aroclor 1254	ND	0.060	EPA 8082	5-14-10	5-14-10	
Aroclor 1260	ND	0.060	EPA 8082	5-14-10	5-14-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>DCB</i>	92	46-122				

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

**PCBs by EPA 8082
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0514S1					
Aroclor 1016	ND	0.050	EPA 8082	5-14-10	5-14-10	
Aroclor 1221	ND	0.050	EPA 8082	5-14-10	5-14-10	
Aroclor 1232	ND	0.050	EPA 8082	5-14-10	5-14-10	
Aroclor 1242	ND	0.050	EPA 8082	5-14-10	5-14-10	
Aroclor 1248	ND	0.050	EPA 8082	5-14-10	5-14-10	
Aroclor 1254	ND	0.050	EPA 8082	5-14-10	5-14-10	
Aroclor 1260	ND	0.050	EPA 8082	5-14-10	5-14-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>		<i>Control Limits</i>			
<i>DCB</i>	107		46-122			

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	05-055-01										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	0.442	0.420	0.500	0.500	ND	88	84	36-121	5	15	
<i>Surrogate:</i>											
<i>DCB</i>						95	97	46-122			

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

PCBs by EPA 8082

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-RB-050710					
Laboratory ID:	05-055-06					
Aroclor 1016	ND	0.10	EPA 8082	5-19-10	5-20-10	
Aroclor 1221	ND	0.10	EPA 8082	5-19-10	5-20-10	
Aroclor 1232	ND	0.10	EPA 8082	5-19-10	5-20-10	
Aroclor 1242	ND	0.10	EPA 8082	5-19-10	5-20-10	
Aroclor 1248	ND	0.10	EPA 8082	5-19-10	5-20-10	
Aroclor 1254	ND	0.10	EPA 8082	5-19-10	5-20-10	
Aroclor 1260	ND	0.10	EPA 8082	5-19-10	5-20-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>DCB</i>	89	39-126				

Date of Report: May 21, 2010
 Samples Submitted: May 8, 2010
 Laboratory Reference: 1005-055
 Project: 2009-138

**PCBs by EPA 8082
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0519W1					
Aroclor 1016	ND	0.050	EPA 8082	5-19-10	5-20-10	
Aroclor 1221	ND	0.050	EPA 8082	5-19-10	5-20-10	
Aroclor 1232	ND	0.050	EPA 8082	5-19-10	5-20-10	
Aroclor 1242	ND	0.050	EPA 8082	5-19-10	5-20-10	
Aroclor 1248	ND	0.050	EPA 8082	5-19-10	5-20-10	
Aroclor 1254	ND	0.050	EPA 8082	5-19-10	5-20-10	
Aroclor 1260	ND	0.050	EPA 8082	5-19-10	5-20-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>		<i>Control Limits</i>			
DCB	96		39-126			

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0519W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	0.547	0.560	0.500	0.500	N/A	109	112	49-113	2	14	
<i>Surrogate:</i>											
DCB						106	104	39-126			

Date of Report: May 21, 2010
Samples Submitted: May 8, 2010
Laboratory Reference: 1005-055
Project: 2009-138

% MOISTURE

Date Analyzed: 5-11-10

Client ID	Lab ID	% Moisture
WSP-MW-11-SB-06	05-055-01	16



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



HWA GEOSCIENCES INC.

19730 64th Ave, W., Suite 200, Lynnwood, WA 98036 (425) 774-0106

Chain of Custody and Laboratory Analysis Request

05-055

DATE: 5/27/10

PAGE: 1 of 1

PROJECT NAME: WSP-141K # HWA # 2009-158

SITE CODE: Wawa Wawa

SAMPLERS NAME: ADDRESS PHONE: 206-739-7211

SAMPLERS SIGNATURE: [Signature] PHONE: 312

HWA CONTACT: Wawa A. PHONE: Se. Miles Wawasett. Parkhurst - Summer

HWA SAMPLE ID DATE TIME MATRIX LAB ID # OF BOTTLE

HWA SAMPLE ID	DATE	TIME	MATRIX	LAB ID	# OF BOTTLE
WSP-MW-11-SR-0C	5/18/10	830	S	1	6
WSP-MW-11-SR-1A		835		2	6
WSP-MW-11-SR-1B		840		3	6
WSP-MW-11-SR-2A		845		4	6
WSP-MW-11-SR-2B		850		5	6
WSP-RS-030310		1200	W	6	8

ANALYSIS REQUESTED	
<input checked="" type="checkbox"/>	NUMP-Dr
<input checked="" type="checkbox"/>	8260-VOL
<input checked="" type="checkbox"/>	8270-SVOC
<input checked="" type="checkbox"/>	MTC&MTOIST
<input checked="" type="checkbox"/>	Cu, Mn
<input checked="" type="checkbox"/>	NUMPH-COX
<input checked="" type="checkbox"/>	PCBS
<input checked="" type="checkbox"/>	90 moisture

REMARKS

Abdul Shabo DG

PRINT NAME SIGNATURE

Relinquished by: [Signature] SIGNATURE: [Signature]

COMPANY DATE TIME

REMARKS

Received by: [Signature]

COMPANY DATE TIME

REMARKS

DISTRIBUTION: WHITE - Return to HWA; YELLOW - Retain by Lab; PINK - Retain by Sampler



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 21, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project 2009-138
Laboratory Reference No. 1005-082

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on May 12, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: May 21, 2010
Samples Submitted: May 12, 2010
Laboratory Reference: 1005-082
Project: 2009-138

Case Narrative

Samples were collected on May 10, 2010 and received by the laboratory on May 12, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx and Volatiles EPA 8260B Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: May 21, 2010
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NWTPH-Dx

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Date		Flags
			Prepared	Analyzed	
Lab ID:	05-082-01				
Client ID:	WSP-MW-12-SB-07				
Diesel Range	ND	33	5-14-10	5-14-10	Y
Lube Oil Range	ND	65	5-14-10	5-14-10	Y
Surrogate: o-terphenyl	78%	50-150			

Lab ID:	05-082-06				
Client ID:	WSP-DUP-051010				
Diesel Range	ND	31	5-14-10	5-14-10	Y
Lube Oil Range	ND	61	5-14-10	5-14-10	Y
Surrogate: o-terphenyl	78%	50-150			

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Samples Submitted: May 12, 2010
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NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-14-10
Date Analyzed: 5-14-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0514S1

Diesel Range: **ND**
PQL: 25
Identification: ---

Lube Oil Range: **ND**
PQL: 50
Identification: ---

Surrogate Recovery
o-Terphenyl: 111%

Flags: Y

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NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-14-10
Date Analyzed: 5-14-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-109-02 05-109-02 DUP

Diesel Range: **42.0** **34.6**

PQL: 25 25

RPD: 19

Surrogate Recovery

o-Terphenyl: 86% 72%

Flags: Y Y

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Date Extracted: 5-12-10
 Date Analyzed: 5-12-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 05-082-01
Client ID: WSP-MW-12-SB-07

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0018
Chloromethane	ND		0.0089
Vinyl Chloride	ND		0.0018
Bromomethane	ND		0.0018
Chloroethane	ND		0.0089
Trichlorofluoromethane	ND		0.0018
1,1-Dichloroethene	ND		0.0018
Acetone	0.047		0.0089
Iodomethane	ND		0.0089
Carbon Disulfide	ND		0.0018
Methylene Chloride	ND		0.0089
(trans) 1,2-Dichloroethene	ND		0.0018
Methyl t-Butyl Ether	ND		0.0018
1,1-Dichloroethane	ND		0.0018
Vinyl Acetate	ND		0.0089
2,2-Dichloropropane	ND		0.0018
(cis) 1,2-Dichloroethene	ND		0.0018
2-Butanone	ND		0.0089
Bromochloromethane	ND		0.0018
Chloroform	ND		0.0018
1,1,1-Trichloroethane	ND		0.0018
Carbon Tetrachloride	ND		0.0018
1,1-Dichloropropene	ND		0.0018
Benzene	ND		0.0018
1,2-Dichloroethane	ND		0.0018
Trichloroethene	ND		0.0018
1,2-Dichloropropane	ND		0.0018
Dibromomethane	ND		0.0018
Bromodichloromethane	ND		0.0018
2-Chloroethyl Vinyl Ether	ND		0.0089
(cis) 1,3-Dichloropropene	ND		0.0018
Methyl Isobutyl Ketone	ND		0.0089
Toluene	ND		0.0089
(trans) 1,3-Dichloropropene	ND		0.0018

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Lab ID: 05-082-01
 Client ID: WSP-MW-12-SB-07

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0018
Tetrachloroethene	ND		0.0018
1,3-Dichloropropane	ND		0.0018
2-Hexanone	ND		0.0089
Dibromochloromethane	ND		0.0018
1,2-Dibromoethane	ND		0.0018
Chlorobenzene	ND		0.0018
1,1,1,2-Tetrachloroethane	ND		0.0018
Ethylbenzene	ND		0.0018
m,p-Xylene	ND		0.0035
o-Xylene	ND		0.0018
Styrene	ND		0.0018
Bromoform	ND		0.0018
Isopropylbenzene	ND		0.0018
Bromobenzene	ND		0.0018
1,1,2,2-Tetrachloroethane	ND		0.0018
1,2,3-Trichloropropane	ND		0.0018
n-Propylbenzene	ND		0.0018
2-Chlorotoluene	ND		0.0018
4-Chlorotoluene	ND		0.0018
1,3,5-Trimethylbenzene	ND		0.0018
tert-Butylbenzene	ND		0.0018
1,2,4-Trimethylbenzene	ND		0.0018
sec-Butylbenzene	ND		0.0018
1,3-Dichlorobenzene	ND		0.0018
p-Isopropyltoluene	ND		0.0018
1,4-Dichlorobenzene	ND		0.0018
1,2-Dichlorobenzene	ND		0.0018
n-Butylbenzene	ND		0.0018
1,2-Dibromo-3-chloropropane	ND		0.0089
1,2,4-Trichlorobenzene	ND		0.0018
Hexachlorobutadiene	ND		0.0089
Naphthalene	ND		0.0018
1,2,3-Trichlorobenzene	ND		0.0018

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	112	66-128
Toluene-d8	118	68-126
4-Bromofluorobenzene	109	53-134

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Date Extracted: 5-12-10
 Date Analyzed: 5-12-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-082-06
Client ID: WSP-DUP-051010

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0014
Chloromethane	ND		0.0072
Vinyl Chloride	ND		0.0014
Bromomethane	ND		0.0014
Chloroethane	ND		0.0072
Trichlorofluoromethane	ND		0.0014
1,1-Dichloroethene	ND		0.0014
Acetone	0.038		0.0072
Iodomethane	ND		0.0072
Carbon Disulfide	ND		0.0014
Methylene Chloride	ND		0.0072
(trans) 1,2-Dichloroethene	ND		0.0014
Methyl t-Butyl Ether	ND		0.0014
1,1-Dichloroethane	ND		0.0014
Vinyl Acetate	ND		0.0072
2,2-Dichloropropane	ND		0.0014
(cis) 1,2-Dichloroethene	ND		0.0014
2-Butanone	ND		0.0072
Bromochloromethane	ND		0.0014
Chloroform	ND		0.0014
1,1,1-Trichloroethane	ND		0.0014
Carbon Tetrachloride	ND		0.0014
1,1-Dichloropropene	ND		0.0014
Benzene	ND		0.0014
1,2-Dichloroethane	ND		0.0014
Trichloroethene	ND		0.0014
1,2-Dichloropropane	ND		0.0014
Dibromomethane	ND		0.0014
Bromodichloromethane	ND		0.0014
2-Chloroethyl Vinyl Ether	ND		0.0072
(cis) 1,3-Dichloropropene	ND		0.0014
Methyl Isobutyl Ketone	ND		0.0072
Toluene	ND		0.0072
(trans) 1,3-Dichloropropene	ND		0.0014

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Lab ID: 05-082-06
 Client ID: WSP-DUP-051010

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0014
Tetrachloroethene	ND		0.0014
1,3-Dichloropropane	ND		0.0014
2-Hexanone	ND		0.0072
Dibromochloromethane	ND		0.0014
1,2-Dibromoethane	ND		0.0014
Chlorobenzene	ND		0.0014
1,1,1,2-Tetrachloroethane	ND		0.0014
Ethylbenzene	ND		0.0014
m,p-Xylene	ND		0.0029
o-Xylene	ND		0.0014
Styrene	ND		0.0014
Bromoform	ND		0.0014
Isopropylbenzene	ND		0.0014
Bromobenzene	ND		0.0014
1,1,2,2-Tetrachloroethane	ND		0.0014
1,2,3-Trichloropropane	ND		0.0014
n-Propylbenzene	ND		0.0014
2-Chlorotoluene	ND		0.0014
4-Chlorotoluene	ND		0.0014
1,3,5-Trimethylbenzene	ND		0.0014
tert-Butylbenzene	ND		0.0014
1,2,4-Trimethylbenzene	ND		0.0014
sec-Butylbenzene	ND		0.0014
1,3-Dichlorobenzene	ND		0.0014
p-Isopropyltoluene	ND		0.0014
1,4-Dichlorobenzene	ND		0.0014
1,2-Dichlorobenzene	ND		0.0014
n-Butylbenzene	ND		0.0014
1,2-Dibromo-3-chloropropane	ND		0.0072
1,2,4-Trichlorobenzene	ND		0.0014
Hexachlorobutadiene	ND		0.0072
Naphthalene	ND		0.0014
1,2,3-Trichlorobenzene	ND		0.0014

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	125	66-128
Toluene-d8	112	68-126
4-Bromofluorobenzene	106	53-134

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Date Extracted: 5-12-10
 Date Analyzed: 5-12-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0512S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

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METHOD BLANK QUALITY CONTROL
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Lab ID: MB0512S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	115	66-128
Toluene-d8	119	68-126
4-Bromofluorobenzene	105	53-134

Date of Report: May 21, 2010
 Samples Submitted: May 12, 2010
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 Project: 2009-138

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 5-12-10
 Date Analyzed: 5-12-10
 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0512S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0491	98	0.0479	96	70-130	
Benzene	0.0500	0.0529	106	0.0517	103	70-121	
Trichloroethene	0.0500	0.0471	94	0.0456	91	70-124	
Toluene	0.0500	0.0558	112	0.0538	108	70-123	
Chlorobenzene	0.0500	0.0462	92	0.0448	90	71-119	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	2	14	
Benzene	2	10	
Trichloroethene	3	12	
Toluene	4	12	
Chlorobenzene	3	9	

Date of Report: May 21, 2010
 Samples Submitted: May 12, 2010
 Laboratory Reference: 1005-082
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-12-SB-07					
Laboratory ID:	05-082-01					
n-Nitrosodimethylamine	ND	0.043	EPA 8270	5-17-10	5-17-10	
Pyridine	ND	0.43	EPA 8270	5-17-10	5-17-10	
Phenol	ND	0.043	EPA 8270	5-17-10	5-17-10	
Aniline	ND	0.043	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroethyl)ether	ND	0.043	EPA 8270	5-17-10	5-17-10	
2-Chlorophenol	ND	0.043	EPA 8270	5-17-10	5-17-10	
1,3-Dichlorobenzene	ND	0.043	EPA 8270	5-17-10	5-17-10	
1,4-Dichlorobenzene	ND	0.043	EPA 8270	5-17-10	5-17-10	
Benzyl alcohol	ND	0.043	EPA 8270	5-17-10	5-17-10	
1,2-Dichlorobenzene	ND	0.043	EPA 8270	5-17-10	5-17-10	
2-Methylphenol (o-Cresol)	ND	0.043	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroisopropyl)ether	ND	0.043	EPA 8270	5-17-10	5-17-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.043	EPA 8270	5-17-10	5-17-10	
n-Nitroso-di-n-propylamine	ND	0.043	EPA 8270	5-17-10	5-17-10	
Hexachloroethane	ND	0.043	EPA 8270	5-17-10	5-17-10	
Nitrobenzene	ND	0.043	EPA 8270	5-17-10	5-17-10	
Isophorone	ND	0.043	EPA 8270	5-17-10	5-17-10	
2-Nitrophenol	ND	0.043	EPA 8270	5-17-10	5-17-10	
2,4-Dimethylphenol	ND	1.1	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroethoxy)methane	ND	0.043	EPA 8270	5-17-10	5-17-10	
2,4-Dichlorophenol	ND	0.043	EPA 8270	5-17-10	5-17-10	
1,2,4-Trichlorobenzene	ND	0.043	EPA 8270	5-17-10	5-17-10	
Naphthalene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
4-Chloroaniline	ND	0.043	EPA 8270	5-17-10	5-17-10	
Hexachlorobutadiene	ND	0.043	EPA 8270	5-17-10	5-17-10	
4-Chloro-3-methylphenol	ND	0.043	EPA 8270	5-17-10	5-17-10	
2-Methylnaphthalene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
1-Methylnaphthalene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
Hexachlorocyclopentadiene	ND	0.043	EPA 8270	5-17-10	5-17-10	
2,4,6-Trichlorophenol	ND	0.043	EPA 8270	5-17-10	5-17-10	
2,3-Dichloroaniline	ND	0.043	EPA 8270	5-17-10	5-17-10	
2,4,5-Trichlorophenol	ND	0.043	EPA 8270	5-17-10	5-17-10	
2-Chloronaphthalene	ND	0.043	EPA 8270	5-17-10	5-17-10	
2-Nitroaniline	ND	0.043	EPA 8270	5-17-10	5-17-10	
1,4-Dinitrobenzene	ND	0.043	EPA 8270	5-17-10	5-17-10	
Dimethylphthalate	ND	0.043	EPA 8270	5-17-10	5-17-10	
1,3-Dinitrobenzene	ND	0.22	EPA 8270	5-17-10	5-17-10	
2,6-Dinitrotoluene	ND	0.043	EPA 8270	5-17-10	5-17-10	
1,2-Dinitrobenzene	ND	0.043	EPA 8270	5-17-10	5-17-10	
Acenaphthylene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
3-Nitroaniline	ND	0.043	EPA 8270	5-17-10	5-17-10	

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SEMIVOLATILES by EPA 8270/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-12-SB-07					
Laboratory ID:	05-082-01					
2,4-Dinitrophenol	ND	0.22	EPA 8270	5-17-10	5-17-10	
Acenaphthene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
4-Nitrophenol	ND	0.043	EPA 8270	5-17-10	5-17-10	
2,4-Dinitrotoluene	ND	0.043	EPA 8270	5-17-10	5-17-10	
Dibenzofuran	ND	0.043	EPA 8270	5-17-10	5-17-10	
2,3,5,6-Tetrachlorophenol	ND	0.043	EPA 8270	5-17-10	5-17-10	
2,3,4,6-Tetrachlorophenol	ND	0.043	EPA 8270	5-17-10	5-17-10	
Diethylphthalate	ND	0.22	EPA 8270	5-17-10	5-17-10	
4-Chlorophenyl-phenylether	ND	0.043	EPA 8270	5-17-10	5-17-10	
4-Nitroaniline	ND	0.043	EPA 8270	5-17-10	5-17-10	
Fluorene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
4,6-Dinitro-2-methylphenol	ND	0.22	EPA 8270	5-17-10	5-17-10	
n-Nitrosodiphenylamine	ND	0.043	EPA 8270	5-17-10	5-17-10	
1,2-Diphenylhydrazine	ND	0.043	EPA 8270	5-17-10	5-17-10	
4-Bromophenyl-phenylether	ND	0.043	EPA 8270	5-17-10	5-17-10	
Hexachlorobenzene	ND	0.043	EPA 8270	5-17-10	5-17-10	
Pentachlorophenol	ND	0.22	EPA 8270	5-17-10	5-17-10	
Phenanthrene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
Anthracene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
Carbazole	ND	0.043	EPA 8270	5-17-10	5-17-10	
Di-n-butylphthalate	ND	0.043	EPA 8270	5-17-10	5-17-10	
Fluoranthene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
Benzidine	ND	0.43	EPA 8270	5-17-10	5-17-10	
Pyrene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
Butylbenzylphthalate	ND	0.043	EPA 8270	5-17-10	5-17-10	
bis-2-Ethylhexyladipate	ND	0.043	EPA 8270	5-17-10	5-17-10	
3,3'-Dichlorobenzidine	ND	0.43	EPA 8270	5-17-10	5-17-10	
Benzo[a]anthracene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
Chrysene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.043	EPA 8270	5-17-10	5-17-10	
Di-n-octylphthalate	ND	0.043	EPA 8270	5-17-10	5-17-10	
Benzo[b]fluoranthene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[k]fluoranthene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[a]pyrene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
Indeno[1,2,3-cd]pyrene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
Dibenz[a,h]anthracene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[g,h,i]perylene	ND	0.0087	EPA 8270/SIM	5-17-10	5-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>58</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>64</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>60</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>59</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>70</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>75</i>	<i>44 - 121</i>				

Date of Report: May 21, 2010
 Samples Submitted: May 12, 2010
 Laboratory Reference: 1005-082
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-DUP-051010					
Laboratory ID:	05-082-06					
n-Nitrosodimethylamine	ND	0.041	EPA 8270	5-17-10	5-17-10	
Pyridine	ND	0.41	EPA 8270	5-17-10	5-17-10	
Phenol	ND	0.041	EPA 8270	5-17-10	5-17-10	
Aniline	ND	0.041	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroethyl)ether	ND	0.041	EPA 8270	5-17-10	5-17-10	
2-Chlorophenol	ND	0.041	EPA 8270	5-17-10	5-17-10	
1,3-Dichlorobenzene	ND	0.041	EPA 8270	5-17-10	5-17-10	
1,4-Dichlorobenzene	ND	0.041	EPA 8270	5-17-10	5-17-10	
Benzyl alcohol	ND	0.041	EPA 8270	5-17-10	5-17-10	
1,2-Dichlorobenzene	ND	0.041	EPA 8270	5-17-10	5-17-10	
2-Methylphenol (o-Cresol)	ND	0.041	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroisopropyl)ether	ND	0.041	EPA 8270	5-17-10	5-17-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.041	EPA 8270	5-17-10	5-17-10	
n-Nitroso-di-n-propylamine	ND	0.041	EPA 8270	5-17-10	5-17-10	
Hexachloroethane	ND	0.041	EPA 8270	5-17-10	5-17-10	
Nitrobenzene	ND	0.041	EPA 8270	5-17-10	5-17-10	
Isophorone	ND	0.041	EPA 8270	5-17-10	5-17-10	
2-Nitrophenol	ND	0.041	EPA 8270	5-17-10	5-17-10	
2,4-Dimethylphenol	ND	1.0	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroethoxy)methane	ND	0.041	EPA 8270	5-17-10	5-17-10	
2,4-Dichlorophenol	ND	0.041	EPA 8270	5-17-10	5-17-10	
1,2,4-Trichlorobenzene	ND	0.041	EPA 8270	5-17-10	5-17-10	
Naphthalene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
4-Chloroaniline	ND	0.041	EPA 8270	5-17-10	5-17-10	
Hexachlorobutadiene	ND	0.041	EPA 8270	5-17-10	5-17-10	
4-Chloro-3-methylphenol	ND	0.041	EPA 8270	5-17-10	5-17-10	
2-Methylnaphthalene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
1-Methylnaphthalene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
Hexachlorocyclopentadiene	ND	0.041	EPA 8270	5-17-10	5-17-10	
2,4,6-Trichlorophenol	ND	0.041	EPA 8270	5-17-10	5-17-10	
2,3-Dichloroaniline	ND	0.041	EPA 8270	5-17-10	5-17-10	
2,4,5-Trichlorophenol	ND	0.041	EPA 8270	5-17-10	5-17-10	
2-Chloronaphthalene	ND	0.041	EPA 8270	5-17-10	5-17-10	
2-Nitroaniline	ND	0.041	EPA 8270	5-17-10	5-17-10	
1,4-Dinitrobenzene	ND	0.041	EPA 8270	5-17-10	5-17-10	
Dimethylphthalate	ND	0.041	EPA 8270	5-17-10	5-17-10	
1,3-Dinitrobenzene	ND	0.20	EPA 8270	5-17-10	5-17-10	
2,6-Dinitrotoluene	ND	0.041	EPA 8270	5-17-10	5-17-10	
1,2-Dinitrobenzene	ND	0.041	EPA 8270	5-17-10	5-17-10	
Acenaphthylene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
3-Nitroaniline	ND	0.041	EPA 8270	5-17-10	5-17-10	

Date of Report: May 21, 2010
 Samples Submitted: May 12, 2010
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SEMIVOLATILES by EPA 8270/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-DUP-051010					
Laboratory ID:	05-082-06					
2,4-Dinitrophenol	ND	0.20	EPA 8270	5-17-10	5-17-10	
Acenaphthene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
4-Nitrophenol	ND	0.041	EPA 8270	5-17-10	5-17-10	
2,4-Dinitrotoluene	ND	0.041	EPA 8270	5-17-10	5-17-10	
Dibenzofuran	ND	0.041	EPA 8270	5-17-10	5-17-10	
2,3,5,6-Tetrachlorophenol	ND	0.041	EPA 8270	5-17-10	5-17-10	
2,3,4,6-Tetrachlorophenol	ND	0.041	EPA 8270	5-17-10	5-17-10	
Diethylphthalate	ND	0.20	EPA 8270	5-17-10	5-17-10	
4-Chlorophenyl-phenylether	ND	0.041	EPA 8270	5-17-10	5-17-10	
4-Nitroaniline	ND	0.041	EPA 8270	5-17-10	5-17-10	
Fluorene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
4,6-Dinitro-2-methylphenol	ND	0.20	EPA 8270	5-17-10	5-17-10	
n-Nitrosodiphenylamine	ND	0.041	EPA 8270	5-17-10	5-17-10	
1,2-Diphenylhydrazine	ND	0.041	EPA 8270	5-17-10	5-17-10	
4-Bromophenyl-phenylether	ND	0.041	EPA 8270	5-17-10	5-17-10	
Hexachlorobenzene	ND	0.041	EPA 8270	5-17-10	5-17-10	
Pentachlorophenol	ND	0.20	EPA 8270	5-17-10	5-17-10	
Phenanthrene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
Anthracene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
Carbazole	ND	0.041	EPA 8270	5-17-10	5-17-10	
Di-n-butylphthalate	ND	0.041	EPA 8270	5-17-10	5-17-10	
Fluoranthene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
Benzidine	ND	0.41	EPA 8270	5-17-10	5-17-10	
Pyrene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
Butylbenzylphthalate	ND	0.041	EPA 8270	5-17-10	5-17-10	
bis-2-Ethylhexyladipate	ND	0.041	EPA 8270	5-17-10	5-17-10	
3,3'-Dichlorobenzidine	ND	0.41	EPA 8270	5-17-10	5-17-10	
Benzo[a]anthracene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
Chrysene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.041	EPA 8270	5-17-10	5-17-10	
Di-n-octylphthalate	ND	0.041	EPA 8270	5-17-10	5-17-10	
Benzo[b]fluoranthene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[k]fluoranthene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[a]pyrene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
Indeno[1,2,3-cd]pyrene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
Dibenz[a,h]anthracene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[g,h,i]perylene	ND	0.0081	EPA 8270/SIM	5-17-10	5-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	57	22 - 107				
Phenol-d6	62	28 - 116				
Nitrobenzene-d5	59	25 - 111				
2-Fluorobiphenyl	61	35 - 108				
2,4,6-Tribromophenol	72	42 - 118				
Terphenyl-d14	78	44 - 121				

Date of Report: May 21, 2010
 Samples Submitted: May 12, 2010
 Laboratory Reference: 1005-082
 Project: 2009-138

**SEMIVOLATILES by EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0517S1					
n-Nitrosodimethylamine	ND	0.033	EPA 8270	5-17-10	5-17-10	
Pyridine	ND	0.33	EPA 8270	5-17-10	5-17-10	
Phenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
Aniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroethyl)ether	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Chlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,3-Dichlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,4-Dichlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Benzyl alcohol	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,2-Dichlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Methylphenol (o-Cresol)	ND	0.033	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroisopropyl)ether	ND	0.033	EPA 8270	5-17-10	5-17-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.033	EPA 8270	5-17-10	5-17-10	
n-Nitroso-di-n-propylamine	ND	0.033	EPA 8270	5-17-10	5-17-10	
Hexachloroethane	ND	0.033	EPA 8270	5-17-10	5-17-10	
Nitrobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Isophorone	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Nitrophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4-Dimethylphenol	ND	0.83	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroethoxy)methane	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4-Dichlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,2,4-Trichlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Naphthalene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
4-Chloroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
Hexachlorobutadiene	ND	0.033	EPA 8270	5-17-10	5-17-10	
4-Chloro-3-methylphenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
1-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Hexachlorocyclopentadiene	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4,6-Trichlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,3-Dichloroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4,5-Trichlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Chloronaphthalene	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Nitroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,4-Dinitrobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Dimethylphthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,3-Dinitrobenzene	ND	0.17	EPA 8270	5-17-10	5-17-10	
2,6-Dinitrotoluene	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,2-Dinitrobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Acenaphthylene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
3-Nitroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	

Date of Report: May 21, 2010
 Samples Submitted: May 12, 2010
 Laboratory Reference: 1005-082
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0517S1					
2,4-Dinitrophenol	ND	0.17	EPA 8270	5-17-10	5-17-10	
Acenaphthene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
4-Nitrophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4-Dinitrotoluene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Dibenzofuran	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,3,5,6-Tetrachlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,3,4,6-Tetrachlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
Diethylphthalate	ND	0.17	EPA 8270	5-17-10	5-17-10	
4-Chlorophenyl-phenylether	ND	0.033	EPA 8270	5-17-10	5-17-10	
4-Nitroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
Fluorene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
4,6-Dinitro-2-methylphenol	ND	0.17	EPA 8270	5-17-10	5-17-10	
n-Nitrosodiphenylamine	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,2-Diphenylhydrazine	ND	0.033	EPA 8270	5-17-10	5-17-10	
4-Bromophenyl-phenylether	ND	0.033	EPA 8270	5-17-10	5-17-10	
Hexachlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Pentachlorophenol	ND	0.17	EPA 8270	5-17-10	5-17-10	
Phenanthrene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Anthracene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Carbazole	ND	0.033	EPA 8270	5-17-10	5-17-10	
Di-n-butylphthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
Fluoranthene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Benzidine	ND	0.33	EPA 8270	5-17-10	5-17-10	
Pyrene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Butylbenzylphthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
bis-2-Ethylhexyladipate	ND	0.033	EPA 8270	5-17-10	5-17-10	
3,3'-Dichlorobenzidine	ND	0.33	EPA 8270	5-17-10	5-17-10	
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Chrysene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
Di-n-octylphthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[k]fluoranthene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Indeno[1,2,3-cd]pyrene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	74	22 - 107				
Phenol-d6	75	28 - 116				
Nitrobenzene-d5	75	25 - 111				
2-Fluorobiphenyl	74	35 - 108				
2,4,6-Tribromophenol	76	42 - 118				
Terphenyl-d14	81	44 - 121				

Date of Report: May 21, 2010
 Samples Submitted: May 12, 2010
 Laboratory Reference: 1005-082
 Project: 2009-138

**SEMIVOLATILES by EPA 8270D/SIM
 MS/MSD QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD	RPD	Flags
					Result	Recovery	Limits		RPD	Limit	
MATRIX SPIKES											
Laboratory ID:	05-103-02										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	0.853	0.897	1.33	1.33	ND	64	67	31 - 111	5	27	
2-Chlorophenol	0.905	0.988	1.33	1.33	ND	68	74	36 - 106	9	32	
1,4-Dichlorobenzene	0.395	0.421	0.667	0.667	ND	59	63	25 - 96	6	42	
n-Nitroso-di-n-propylamine	0.464	0.488	0.667	0.667	ND	70	73	37 - 107	5	36	
1,2,4-Trichlorobenzene	0.403	0.430	0.667	0.667	ND	60	64	29 - 101	6	31	
4-Chloro-3-methylphenol	0.978	1.01	1.33	1.33	ND	74	76	47 - 112	3	18	
Acenaphthene	0.450	0.486	0.667	0.667	ND	67	73	43 - 104	8	19	
4-Nitrophenol	1.02	1.04	1.33	1.33	ND	77	78	24 - 133	2	18	
2,4-Dinitrotoluene	0.486	0.493	0.667	0.667	ND	73	74	42 - 117	1	19	
Pentachlorophenol	1.07	1.08	1.33	1.33	ND	80	81	25 - 135	1	20	
Pyrene	0.525	0.538	0.667	0.667	ND	79	81	29 - 129	2	29	
<i>Surrogate:</i>											
<i>2-Fluorophenol</i>						64	69	22 - 107			
<i>Phenol-d6</i>						67	71	28 - 116			
<i>Nitrobenzene-d5</i>						66	69	25 - 111			
<i>2-Fluorobiphenyl</i>						65	70	35 - 108			
<i>2,4,6-Tribromophenol</i>						66	70	42 - 118			
<i>Terphenyl-d14</i>						74	76	44 - 121			

Date of Report: May 21, 2010
 Samples Submitted: May 12, 2010
 Laboratory Reference: 1005-082
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	05-082-01					
Client ID:	WSP-MW-12-SB-07					
Arsenic	ND	13	6010B	5-18-10	5-18-10	
Cadmium	ND	0.65	6010B	5-18-10	5-18-10	
Chromium	18	1.3	6010B	5-18-10	5-18-10	
Copper	25	1.9	6010B	5-18-10	5-18-10	
Lead	11	6.5	6010B	5-18-10	5-18-10	
Manganese	620	65	6010B	5-18-10	5-18-10	
Mercury	ND	0.32	7471A	5-19-10	5-19-10	

Lab ID:	05-082-06					
Client ID:	WSP-DUP-051010					
Arsenic	ND	12	6010B	5-18-10	5-18-10	
Cadmium	ND	0.61	6010B	5-18-10	5-18-10	
Chromium	15	1.2	6010B	5-18-10	5-18-10	
Copper	21	1.8	6010B	5-18-10	5-18-10	
Lead	10	6.1	6010B	5-18-10	5-18-10	
Manganese	580	61	6010B	5-18-10	5-18-10	
Mercury	ND	0.31	7471A	5-19-10	5-19-10	

Date of Report: May 21, 2010
 Samples Submitted: May 12, 2010
 Laboratory Reference: 1005-082
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A
 METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-18&19-10
 Date Analyzed: 5-18&19-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0518S2&MB0519S3

Analyte	Method	Result	PQL
Arsenic	6010B	ND	10
Cadmium	6010B	ND	0.50
Chromium	6010B	ND	1.0
Copper	6010B	ND	1.5
Lead	6010B	ND	5.0
Manganese	6010B	ND	10
Mercury	7471A	ND	0.25

Date of Report: May 21, 2010
 Samples Submitted: May 12, 2010
 Laboratory Reference: 1005-082
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 5-18&19-10

Date Analyzed: 5-18&19-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-103-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	10	
Cadmium	ND	ND	NA	0.50	
Chromium	12.8	12.3	4	1.0	
Copper	18.8	18.5	2	1.5	
Lead	10.1	9.35	7	5.0	
Manganese	503	514	2	50	
Mercury	ND	ND	NA	0.25	

Date of Report: May 21, 2010
 Samples Submitted: May 12, 2010
 Laboratory Reference: 1005-082
 Project: 2009-138

**TOTAL METALS
 EPA 6010B/7471A
 MS/MSD QUALITY CONTROL**

Date Extracted: 5-18&19-10

Date Analyzed: 5-18&19-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-103-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	105	105	105	105	0	
Cadmium	50	43.9	88	43.9	88	0	
Chromium	100	100	87	100	87	0	
Copper	50	66.6	96	66.6	96	0	
Lead	250	224	85	226	86	1	
Manganese	100	626	122	614	111	2	
Mercury	0.50	0.479	96	0.470	94	2	

Date of Report: May 21, 2010
 Samples Submitted: May 12, 2010
 Laboratory Reference: 1005-082
 Project: 2009-138

NWTPH-Gx

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-12-SB-07					
Laboratory ID:	05-082-01					
Gasoline	ND	10	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	99	55-127				
Client ID:	WSP-DUP-051010					
Laboratory ID:	05-082-06					
Gasoline	ND	8.4	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	94	55-127				

Date of Report: May 21, 2010
 Samples Submitted: May 12, 2010
 Laboratory Reference: 1005-082
 Project: 2009-138

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0513S1					
Gasoline	ND	5.0	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	91	55-127				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	05-048-01							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				108	108	55-127		

Date of Report: May 21, 2010
Samples Submitted: May 12, 2010
Laboratory Reference: 1005-082
Project: 2009-138

% MOISTURE

Date Analyzed: 5-12-10

Client ID	Lab ID	% Moisture
WSP-MW-12-SB-07	05-082-01	23
WSP-DUP-051010	05-082-06	18



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

May 21, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project WSP-RI/FS - Walla Walla
Laboratory Reference No. 1005-103

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on May 13, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: May 21, 2010
Samples Submitted: May 13, 2010
Laboratory Reference: 1005-103
Project: WSP-RI/FS - Walla Walla

Case Narrative

Samples were collected on May 11 and 12, 2010 and received by the laboratory on May 13, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260B Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

NWTPH-Gx/BTEX

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-06-GW-051110					
Laboratory ID:	05-103-01					
Benzene	ND	1.0	EPA 8021	5-13-10	5-13-10	
Toluene	ND	1.0	EPA 8021	5-13-10	5-13-10	
Ethyl Benzene	ND	1.0	EPA 8021	5-13-10	5-13-10	
m,p-Xylene	ND	1.0	EPA 8021	5-13-10	5-13-10	
o-Xylene	ND	1.0	EPA 8021	5-13-10	5-13-10	
Gasoline	140	100	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	93	74-121				

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0513W1					
Benzene	ND	1.0	EPA 8021	5-13-10	5-13-10	
Toluene	ND	1.0	EPA 8021	5-13-10	5-13-10	
Ethyl Benzene	ND	1.0	EPA 8021	5-13-10	5-13-10	
m,p-Xylene	ND	1.0	EPA 8021	5-13-10	5-13-10	
o-Xylene	ND	1.0	EPA 8021	5-13-10	5-13-10	
Gasoline	ND	100	NWTPH-Gx	5-13-10	5-13-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	94	74-121				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	05-075-01							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>			95	96	74-121			

MATRIX SPIKES

Laboratory ID:	05-075-01									
	MS	MSD	MS	MSD	MS	MSD				
Benzene	48.5	51.0	50.0	50.0	ND	97	102	78-118	5	8
Toluene	49.7	51.8	50.0	50.0	ND	99	104	81-119	4	8
Ethyl Benzene	51.7	53.9	50.0	50.0	ND	103	108	81-121	4	8
m,p-Xylene	50.5	52.4	50.0	50.0	ND	101	105	79-123	4	8
o-Xylene	50.8	52.8	50.0	50.0	ND	102	106	79-121	4	8
<i>Surrogate:</i>										
<i>Fluorobenzene</i>			101	101	74-121					

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

NWTPH-Dx

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Date		Flags
			Prepared	Analyzed	
Lab ID:	05-103-02				
Client ID:	WSP-MW-10-SB-06				
Diesel Range	ND	29	5-14-10	5-14-10	Y
Lube Oil Range	ND	58	5-14-10	5-14-10	Y
Surrogate: o-terphenyl	87%	50-150			

Date of Report: May 21, 2010
Samples Submitted: May 13, 2010
Laboratory Reference: 1005-103
Project: WSP-RI/FS - Walla Walla

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-14-10
Date Analyzed: 5-14-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0514S1

Diesel Range: **ND**
PQL: 25
Identification: ---

Lube Oil Range: **ND**
PQL: 50
Identification: ---

Surrogate Recovery
o-Terphenyl: 111%

Flags: Y

Date of Report: May 21, 2010
Samples Submitted: May 13, 2010
Laboratory Reference: 1005-103
Project: WSP-RI/FS - Walla Walla

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-14-10
Date Analyzed: 5-14-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-103-02 05-103-02 DUP

Diesel Range: **ND** **ND**
PQL: 25 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 87% 89%

Flags: Y Y

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

NWTPH-Dx

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Date	Date	Flags
			Prepared	Analyzed	
Lab ID:	05-103-01				
Client ID:	WSP-MW-06-GW-051110				
Diesel Fuel#2	21	0.28	5-17-10	5-18-10	Y,M
Lube Oil Range	ND	2.7	5-17-10	5-18-10	Y,U1
Surrogate: o-terphenyl	72%	50-150			

Lab ID:	05-103-07				
Client ID:	WSP-RB-051210				
Diesel Range	ND	0.27	5-17-10	5-18-10	Y
Lube Oil Range	ND	0.43	5-17-10	5-18-10	Y
Surrogate: o-terphenyl	67%	50-150			

Date of Report: May 21, 2010
Samples Submitted: May 13, 2010
Laboratory Reference: 1005-103
Project: WSP-RI/FS - Walla Walla

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 5-17-10
Date Analyzed: 5-17-10

Matrix: Water
Units: mg/L (ppm)

Lab ID: MB0517W1

Diesel Range: **ND**
PQL: 0.25
Identification: ---

Lube Oil Range: **ND**
PQL: 0.40
Identification: ---

Surrogate Recovery
o-Terphenyl: 74%

Flags: Y

Date of Report: May 21, 2010
Samples Submitted: May 13, 2010
Laboratory Reference: 1005-103
Project: WSP-RI/FS - Walla Walla

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 5-17-10
Date Analyzed: 5-18-10

Matrix: Water
Units: mg/L (ppm)

Lab ID: 05-120-01 05-120-01 DUP

Diesel Range: **ND** **ND**

PQL: 4.1 4.0

RPD: N/A

Surrogate Recovery

o-Terphenyl: 84% 79%

Flags: Y,U1 Y,U1

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

VOLATILES by EPA 8260B

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Date Extracted: 5-13-10
 Date Analyzed: 5-13-10
 Matrix: Soil
 Units: mg/kg (ppm)
 Lab ID: 05-103-02
 Client ID: WSP-MW-10-SB-06

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0014
Chloromethane	ND		0.0070
Vinyl Chloride	ND		0.0014
Bromomethane	ND		0.0014
Chloroethane	ND		0.0070
Trichlorofluoromethane	ND		0.0014
1,1-Dichloroethene	ND		0.0014
Acetone	0.040		0.0070
Iodomethane	ND		0.0070
Carbon Disulfide	ND		0.0014
Methylene Chloride	ND		0.0070
(trans) 1,2-Dichloroethene	ND		0.0014
Methyl t-Butyl Ether	ND		0.0014
1,1-Dichloroethane	ND		0.0014
Vinyl Acetate	ND		0.0070
2,2-Dichloropropane	ND		0.0014
(cis) 1,2-Dichloroethene	ND		0.0014
2-Butanone	ND		0.0070
Bromochloromethane	ND		0.0014
Chloroform	ND		0.0014
1,1,1-Trichloroethane	ND		0.0014
Carbon Tetrachloride	ND		0.0014
1,1-Dichloropropene	ND		0.0014
Benzene	ND		0.0014
1,2-Dichloroethane	ND		0.0014
Trichloroethene	ND		0.0014
1,2-Dichloropropane	ND		0.0014
Dibromomethane	ND		0.0014
Bromodichloromethane	ND		0.0014
2-Chloroethyl Vinyl Ether	ND		0.0070
(cis) 1,3-Dichloropropene	ND		0.0014
Methyl Isobutyl Ketone	ND		0.0070
Toluene	ND		0.0070
(trans) 1,3-Dichloropropene	ND		0.0014

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

VOLATILES by EPA 8260B
 page 2 of 2

Lab ID: 05-103-02
 Client ID: WSP-MW-10-SB-06

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0014
Tetrachloroethene	ND		0.0014
1,3-Dichloropropane	ND		0.0014
2-Hexanone	ND		0.0070
Dibromochloromethane	ND		0.0014
1,2-Dibromoethane	ND		0.0014
Chlorobenzene	ND		0.0014
1,1,1,2-Tetrachloroethane	ND		0.0014
Ethylbenzene	ND		0.0014
m,p-Xylene	ND		0.0028
o-Xylene	ND		0.0014
Styrene	ND		0.0014
Bromoform	ND		0.0014
Isopropylbenzene	ND		0.0014
Bromobenzene	ND		0.0014
1,1,2,2-Tetrachloroethane	ND		0.0014
1,2,3-Trichloropropane	ND		0.0014
n-Propylbenzene	ND		0.0014
2-Chlorotoluene	ND		0.0014
4-Chlorotoluene	ND		0.0014
1,3,5-Trimethylbenzene	ND		0.0014
tert-Butylbenzene	ND		0.0014
1,2,4-Trimethylbenzene	ND		0.0014
sec-Butylbenzene	ND		0.0014
1,3-Dichlorobenzene	ND		0.0014
p-Isopropyltoluene	ND		0.0014
1,4-Dichlorobenzene	ND		0.0014
1,2-Dichlorobenzene	ND		0.0014
n-Butylbenzene	ND		0.0014
1,2-Dibromo-3-chloropropane	ND		0.0070
1,2,4-Trichlorobenzene	ND		0.0014
Hexachlorobutadiene	ND		0.0070
Naphthalene	ND		0.0014
1,2,3-Trichlorobenzene	ND		0.0014

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	126	66-128
Toluene-d8	122	68-126
4-Bromofluorobenzene	106	53-134

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

page 1 of 2

Date Extracted: 5-13-10
 Date Analyzed: 5-13-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0513S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
 page 2 of 2

Lab ID: MB0513S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	116	66-128
Toluene-d8	117	68-126
4-Bromofluorobenzene	100	53-134

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

**VOLATILES by EPA 8260B
 MS/MSD QUALITY CONTROL**

Date Extracted: 5-13-10

Date Analyzed: 5-13-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-103-02

Compound	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	ND	0.0654/0.0562	0.0721	110	0.0656	117	70-130	
Benzene	ND	0.0654/0.0562	0.0728	111	0.0639	114	70-130	
Trichloroethene	ND	0.0654/0.0562	0.0570	87	0.0513	91	70-130	
Toluene	ND	0.0654/0.0562	0.0767	117	0.0662	118	70-126	
Chlorobenzene	ND	0.0654/0.0562	0.0609	93	0.0517	92	70-130	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	6	14	
Benzene	2	14	
Trichloroethene	5	18	
Toluene	0	20	
Chlorobenzene	1	15	

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

VOLATILES by EPA 8260B

page 1 of 2

Date Extracted: 5-13-10
 Date Analyzed: 5-13-10
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: 05-103-07
 Client ID: WSP-RB-051210

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

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Lab ID: 05-103-07
 Client ID: WSP-RB-051210

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	71-126
Toluene-d8	92	76-116
4-Bromofluorobenzene	88	70-123

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Date Extracted: 5-13-10
 Date Analyzed: 5-13-10
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: MB0513W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0513W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	71-126
Toluene-d8	91	76-116
4-Bromofluorobenzene	85	70-123

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 5-13-10
 Date Analyzed: 5-13-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: SB0513W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	9.80	98	9.42	94	70-130	
Benzene	10.0	10.1	101	10.0	100	73-130	
Trichloroethene	10.0	9.91	99	9.62	96	79-122	
Toluene	10.0	9.81	98	9.71	97	80-121	
Chlorobenzene	10.0	9.72	97	9.74	97	83-116	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	4	15	
Benzene	0	14	
Trichloroethene	3	14	
Toluene	1	13	
Chlorobenzene	0	13	

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

SEMIVOLATILES by EPA 8270D/SIM

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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-10-SB-06					
Laboratory ID:	05-103-02					
n-Nitrosodimethylamine	ND	0.039	EPA 8270	5-17-10	5-17-10	
Pyridine	ND	0.39	EPA 8270	5-17-10	5-17-10	
Phenol	ND	0.039	EPA 8270	5-17-10	5-17-10	
Aniline	ND	0.039	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroethyl)ether	ND	0.039	EPA 8270	5-17-10	5-17-10	
2-Chlorophenol	ND	0.039	EPA 8270	5-17-10	5-17-10	
1,3-Dichlorobenzene	ND	0.039	EPA 8270	5-17-10	5-17-10	
1,4-Dichlorobenzene	ND	0.039	EPA 8270	5-17-10	5-17-10	
Benzyl alcohol	ND	0.039	EPA 8270	5-17-10	5-17-10	
1,2-Dichlorobenzene	ND	0.039	EPA 8270	5-17-10	5-17-10	
2-Methylphenol (o-Cresol)	ND	0.039	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroisopropyl)ether	ND	0.039	EPA 8270	5-17-10	5-17-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.039	EPA 8270	5-17-10	5-17-10	
n-Nitroso-di-n-propylamine	ND	0.039	EPA 8270	5-17-10	5-17-10	
Hexachloroethane	ND	0.039	EPA 8270	5-17-10	5-17-10	
Nitrobenzene	ND	0.039	EPA 8270	5-17-10	5-17-10	
Isophorone	ND	0.039	EPA 8270	5-17-10	5-17-10	
2-Nitrophenol	ND	0.039	EPA 8270	5-17-10	5-17-10	
2,4-Dimethylphenol	ND	0.97	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroethoxy)methane	ND	0.039	EPA 8270	5-17-10	5-17-10	
2,4-Dichlorophenol	ND	0.039	EPA 8270	5-17-10	5-17-10	
1,2,4-Trichlorobenzene	ND	0.039	EPA 8270	5-17-10	5-17-10	
Naphthalene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
4-Chloroaniline	ND	0.039	EPA 8270	5-17-10	5-17-10	
Hexachlorobutadiene	ND	0.039	EPA 8270	5-17-10	5-17-10	
4-Chloro-3-methylphenol	ND	0.039	EPA 8270	5-17-10	5-17-10	
2-Methylnaphthalene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
1-Methylnaphthalene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
Hexachlorocyclopentadiene	ND	0.039	EPA 8270	5-17-10	5-17-10	
2,4,6-Trichlorophenol	ND	0.039	EPA 8270	5-17-10	5-17-10	
2,3-Dichloroaniline	ND	0.039	EPA 8270	5-17-10	5-17-10	
2,4,5-Trichlorophenol	ND	0.039	EPA 8270	5-17-10	5-17-10	
2-Chloronaphthalene	ND	0.039	EPA 8270	5-17-10	5-17-10	
2-Nitroaniline	ND	0.039	EPA 8270	5-17-10	5-17-10	
1,4-Dinitrobenzene	ND	0.039	EPA 8270	5-17-10	5-17-10	
Dimethylphthalate	ND	0.039	EPA 8270	5-17-10	5-17-10	
1,3-Dinitrobenzene	ND	0.19	EPA 8270	5-17-10	5-17-10	
2,6-Dinitrotoluene	ND	0.039	EPA 8270	5-17-10	5-17-10	
1,2-Dinitrobenzene	ND	0.039	EPA 8270	5-17-10	5-17-10	
Acenaphthylene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
3-Nitroaniline	ND	0.039	EPA 8270	5-17-10	5-17-10	

Date of Report: May 21, 2010
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SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-10-SB-06					
Laboratory ID:	05-103-02					
2,4-Dinitrophenol	ND	0.19	EPA 8270	5-17-10	5-17-10	
Acenaphthene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
4-Nitrophenol	ND	0.039	EPA 8270	5-17-10	5-17-10	
2,4-Dinitrotoluene	ND	0.039	EPA 8270	5-17-10	5-17-10	
Dibenzofuran	ND	0.039	EPA 8270	5-17-10	5-17-10	
2,3,5,6-Tetrachlorophenol	ND	0.039	EPA 8270	5-17-10	5-17-10	
2,3,4,6-Tetrachlorophenol	ND	0.039	EPA 8270	5-17-10	5-17-10	
Diethylphthalate	ND	0.19	EPA 8270	5-17-10	5-17-10	
4-Chlorophenyl-phenylether	ND	0.039	EPA 8270	5-17-10	5-17-10	
4-Nitroaniline	ND	0.039	EPA 8270	5-17-10	5-17-10	
Fluorene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
4,6-Dinitro-2-methylphenol	ND	0.19	EPA 8270	5-17-10	5-17-10	
n-Nitrosodiphenylamine	ND	0.039	EPA 8270	5-17-10	5-17-10	
1,2-Diphenylhydrazine	ND	0.039	EPA 8270	5-17-10	5-17-10	
4-Bromophenyl-phenylether	ND	0.039	EPA 8270	5-17-10	5-17-10	
Hexachlorobenzene	ND	0.039	EPA 8270	5-17-10	5-17-10	
Pentachlorophenol	ND	0.19	EPA 8270	5-17-10	5-17-10	
Phenanthrene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
Anthracene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
Carbazole	ND	0.039	EPA 8270	5-17-10	5-17-10	
Di-n-butylphthalate	ND	0.039	EPA 8270	5-17-10	5-17-10	
Fluoranthene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
Benzidine	ND	0.39	EPA 8270	5-17-10	5-17-10	
Pyrene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
Butylbenzylphthalate	ND	0.039	EPA 8270	5-17-10	5-17-10	
bis-2-Ethylhexyladipate	ND	0.039	EPA 8270	5-17-10	5-17-10	
3,3'-Dichlorobenzidine	ND	0.39	EPA 8270	5-17-10	5-17-10	
Benzo[a]anthracene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
Chrysene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.039	EPA 8270	5-17-10	5-17-10	
Di-n-octylphthalate	ND	0.039	EPA 8270	5-17-10	5-17-10	
Benzo[b]fluoranthene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[k]fluoranthene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[a]pyrene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
Indeno[1,2,3-cd]pyrene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
Dibenz[a,h]anthracene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[g,h,i]perylene	ND	0.0078	EPA 8270/SIM	5-17-10	5-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	55	22 - 107				
Phenol-d6	62	28 - 116				
Nitrobenzene-d5	57	25 - 111				
2-Fluorobiphenyl	62	35 - 108				
2,4,6-Tribromophenol	74	42 - 118				
Terphenyl-d14	80	44 - 121				

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

**SEMIVOLATILES by EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0517S1					
n-Nitrosodimethylamine	ND	0.033	EPA 8270	5-17-10	5-17-10	
Pyridine	ND	0.33	EPA 8270	5-17-10	5-17-10	
Phenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
Aniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroethyl)ether	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Chlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,3-Dichlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,4-Dichlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Benzyl alcohol	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,2-Dichlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Methylphenol (o-Cresol)	ND	0.033	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroisopropyl)ether	ND	0.033	EPA 8270	5-17-10	5-17-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.033	EPA 8270	5-17-10	5-17-10	
n-Nitroso-di-n-propylamine	ND	0.033	EPA 8270	5-17-10	5-17-10	
Hexachloroethane	ND	0.033	EPA 8270	5-17-10	5-17-10	
Nitrobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Isophorone	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Nitrophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4-Dimethylphenol	ND	0.83	EPA 8270	5-17-10	5-17-10	
bis(2-Chloroethoxy)methane	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4-Dichlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,2,4-Trichlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Naphthalene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
4-Chloroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
Hexachlorobutadiene	ND	0.033	EPA 8270	5-17-10	5-17-10	
4-Chloro-3-methylphenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
1-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Hexachlorocyclopentadiene	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4,6-Trichlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,3-Dichloroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4,5-Trichlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Chloronaphthalene	ND	0.033	EPA 8270	5-17-10	5-17-10	
2-Nitroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,4-Dinitrobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Dimethylphthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,3-Dinitrobenzene	ND	0.17	EPA 8270	5-17-10	5-17-10	
2,6-Dinitrotoluene	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,2-Dinitrobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Acenaphthylene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
3-Nitroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0517S1					
2,4-Dinitrophenol	ND	0.17	EPA 8270	5-17-10	5-17-10	
Acenaphthene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
4-Nitrophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,4-Dinitrotoluene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Dibenzofuran	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,3,5,6-Tetrachlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
2,3,4,6-Tetrachlorophenol	ND	0.033	EPA 8270	5-17-10	5-17-10	
Diethylphthalate	ND	0.17	EPA 8270	5-17-10	5-17-10	
4-Chlorophenyl-phenylether	ND	0.033	EPA 8270	5-17-10	5-17-10	
4-Nitroaniline	ND	0.033	EPA 8270	5-17-10	5-17-10	
Fluorene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
4,6-Dinitro-2-methylphenol	ND	0.17	EPA 8270	5-17-10	5-17-10	
n-Nitrosodiphenylamine	ND	0.033	EPA 8270	5-17-10	5-17-10	
1,2-Diphenylhydrazine	ND	0.033	EPA 8270	5-17-10	5-17-10	
4-Bromophenyl-phenylether	ND	0.033	EPA 8270	5-17-10	5-17-10	
Hexachlorobenzene	ND	0.033	EPA 8270	5-17-10	5-17-10	
Pentachlorophenol	ND	0.17	EPA 8270	5-17-10	5-17-10	
Phenanthrene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Anthracene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Carbazole	ND	0.033	EPA 8270	5-17-10	5-17-10	
Di-n-butylphthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
Fluoranthene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Benzidine	ND	0.33	EPA 8270	5-17-10	5-17-10	
Pyrene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Butylbenzylphthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
bis-2-Ethylhexyladipate	ND	0.033	EPA 8270	5-17-10	5-17-10	
3,3'-Dichlorobenzidine	ND	0.33	EPA 8270	5-17-10	5-17-10	
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Chrysene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
Di-n-octylphthalate	ND	0.033	EPA 8270	5-17-10	5-17-10	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[k]fluoranthene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Indeno[1,2,3-cd]pyrene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270/SIM	5-17-10	5-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>74</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>75</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>75</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>74</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>76</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>81</i>	<i>44 - 121</i>				

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

**SEMIVOLATILES by EPA 8270D/SIM
 MS/MSD QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD	RPD	Flags
					Result	Recovery	Limits			Limit	
MATRIX SPIKES											
Laboratory ID:	05-103-02										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	0.853	0.897	1.33	1.33	ND	64	67	31 - 111	5	27	
2-Chlorophenol	0.905	0.988	1.33	1.33	ND	68	74	36 - 106	9	32	
1,4-Dichlorobenzene	0.395	0.421	0.667	0.667	ND	59	63	25 - 96	6	42	
n-Nitroso-di-n-propylamine	0.464	0.488	0.667	0.667	ND	70	73	37 - 107	5	36	
1,2,4-Trichlorobenzene	0.403	0.430	0.667	0.667	ND	60	64	29 - 101	6	31	
4-Chloro-3-methylphenol	0.978	1.01	1.33	1.33	ND	74	76	47 - 112	3	18	
Acenaphthene	0.450	0.486	0.667	0.667	ND	67	73	43 - 104	8	19	
4-Nitrophenol	1.02	1.04	1.33	1.33	ND	77	78	24 - 133	2	18	
2,4-Dinitrotoluene	0.486	0.493	0.667	0.667	ND	73	74	42 - 117	1	19	
Pentachlorophenol	1.07	1.08	1.33	1.33	ND	80	81	25 - 135	1	20	
Pyrene	0.525	0.538	0.667	0.667	ND	79	81	29 - 129	2	29	
<i>Surrogate:</i>											
<i>2-Fluorophenol</i>						64	69	22 - 107			
<i>Phenol-d6</i>						67	71	28 - 116			
<i>Nitrobenzene-d5</i>						66	69	25 - 111			
<i>2-Fluorobiphenyl</i>						65	70	35 - 108			
<i>2,4,6-Tribromophenol</i>						66	70	42 - 118			
<i>Terphenyl-d14</i>						74	76	44 - 121			

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

SEMIVOLATILES by EPA 8270D/SIM

page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-RB-051210					
Laboratory ID:	05-103-07					
n-Nitrosodimethylamine	ND	1.2	EPA 8270	5-14-10	5-14-10	
Pyridine	ND	12	EPA 8270	5-14-10	5-14-10	
Phenol	ND	1.2	EPA 8270	5-14-10	5-14-10	
Aniline	ND	6.0	EPA 8270	5-14-10	5-14-10	
bis(2-Chloroethyl)ether	ND	1.2	EPA 8270	5-14-10	5-14-10	
2-Chlorophenol	ND	1.2	EPA 8270	5-14-10	5-14-10	
1,3-Dichlorobenzene	ND	1.2	EPA 8270	5-14-10	5-14-10	
1,4-Dichlorobenzene	ND	1.2	EPA 8270	5-14-10	5-14-10	
Benzyl alcohol	ND	1.2	EPA 8270	5-14-10	5-14-10	
1,2-Dichlorobenzene	ND	1.2	EPA 8270	5-14-10	5-14-10	
2-Methylphenol (o-Cresol)	ND	1.2	EPA 8270	5-14-10	5-14-10	
bis(2-Chloroisopropyl)ether	ND	1.2	EPA 8270	5-14-10	5-14-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	1.2	EPA 8270	5-14-10	5-14-10	
n-Nitroso-di-n-propylamine	ND	1.2	EPA 8270	5-14-10	5-14-10	
Hexachloroethane	ND	1.2	EPA 8270	5-14-10	5-14-10	
Nitrobenzene	ND	1.2	EPA 8270	5-14-10	5-14-10	
Isophorone	ND	1.2	EPA 8270	5-14-10	5-14-10	
2-Nitrophenol	ND	1.2	EPA 8270	5-14-10	5-14-10	
2,4-Dimethylphenol	ND	1.2	EPA 8270	5-14-10	5-14-10	
bis(2-Chloroethoxy)methane	ND	1.2	EPA 8270	5-14-10	5-14-10	
2,4-Dichlorophenol	ND	1.2	EPA 8270	5-14-10	5-14-10	
1,2,4-Trichlorobenzene	ND	1.2	EPA 8270	5-14-10	5-14-10	
Naphthalene	ND	0.12	EPA 8270/SIM	5-14-10	5-14-10	
4-Chloroaniline	ND	12	EPA 8270	5-14-10	5-14-10	
Hexachlorobutadiene	ND	1.2	EPA 8270	5-14-10	5-14-10	
4-Chloro-3-methylphenol	ND	1.2	EPA 8270	5-14-10	5-14-10	
2-Methylnaphthalene	ND	0.12	EPA 8270/SIM	5-14-10	5-14-10	
1-Methylnaphthalene	ND	0.12	EPA 8270/SIM	5-14-10	5-14-10	
Hexachlorocyclopentadiene	ND	1.2	EPA 8270	5-14-10	5-14-10	
2,4,6-Trichlorophenol	ND	1.2	EPA 8270	5-14-10	5-14-10	
2,3-Dichloroaniline	ND	1.2	EPA 8270	5-14-10	5-14-10	
2,4,5-Trichlorophenol	ND	1.2	EPA 8270	5-14-10	5-14-10	
2-Chloronaphthalene	ND	1.2	EPA 8270	5-14-10	5-14-10	
2-Nitroaniline	ND	1.2	EPA 8270	5-14-10	5-14-10	
1,4-Dinitrobenzene	ND	1.2	EPA 8270	5-14-10	5-14-10	
Dimethylphthalate	ND	1.2	EPA 8270	5-14-10	5-14-10	
1,3-Dinitrobenzene	ND	1.2	EPA 8270	5-14-10	5-14-10	
2,6-Dinitrotoluene	ND	1.2	EPA 8270	5-14-10	5-14-10	
1,2-Dinitrobenzene	ND	1.2	EPA 8270	5-14-10	5-14-10	
Acenaphthylene	ND	0.12	EPA 8270/SIM	5-14-10	5-14-10	
3-Nitroaniline	ND	1.2	EPA 8270	5-14-10	5-14-10	

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-RB-051210					
Laboratory ID:	05-103-07					
2,4-Dinitrophenol	ND	12	EPA 8270	5-14-10	5-14-10	
Acenaphthene	ND	0.12	EPA 8270/SIM	5-14-10	5-14-10	
4-Nitrophenol	ND	1.2	EPA 8270	5-14-10	5-14-10	
2,4-Dinitrotoluene	ND	1.2	EPA 8270	5-14-10	5-14-10	
Dibenzofuran	ND	1.2	EPA 8270	5-14-10	5-14-10	
2,3,5,6-Tetrachlorophenol	ND	1.2	EPA 8270	5-14-10	5-14-10	
2,3,4,6-Tetrachlorophenol	ND	1.2	EPA 8270	5-14-10	5-14-10	
Diethylphthalate	ND	1.2	EPA 8270	5-14-10	5-14-10	
4-Chlorophenyl-phenylether	ND	1.2	EPA 8270	5-14-10	5-14-10	
4-Nitroaniline	ND	1.2	EPA 8270	5-14-10	5-14-10	
Fluorene	ND	0.12	EPA 8270/SIM	5-14-10	5-14-10	
4,6-Dinitro-2-methylphenol	ND	6.0	EPA 8270	5-14-10	5-14-10	
n-Nitrosodiphenylamine	ND	12	EPA 8270	5-14-10	5-14-10	
1,2-Diphenylhydrazine	ND	1.2	EPA 8270	5-14-10	5-14-10	
4-Bromophenyl-phenylether	ND	1.2	EPA 8270	5-14-10	5-14-10	
Hexachlorobenzene	ND	1.2	EPA 8270	5-14-10	5-14-10	
Pentachlorophenol	ND	6.0	EPA 8270	5-14-10	5-14-10	
Phenanthrene	ND	0.12	EPA 8270/SIM	5-14-10	5-14-10	
Anthracene	ND	0.12	EPA 8270/SIM	5-14-10	5-14-10	
Carbazole	ND	1.2	EPA 8270	5-14-10	5-14-10	
Di-n-butylphthalate	ND	1.2	EPA 8270	5-14-10	5-14-10	
Fluoranthene	ND	0.12	EPA 8270/SIM	5-14-10	5-14-10	
Benzidine	ND	12	EPA 8270	5-14-10	5-14-10	
Pyrene	ND	0.12	EPA 8270/SIM	5-14-10	5-14-10	
Butylbenzylphthalate	ND	1.2	EPA 8270	5-14-10	5-14-10	
bis-2-Ethylhexyladipate	ND	1.2	EPA 8270	5-14-10	5-14-10	
3,3'-Dichlorobenzidine	ND	12	EPA 8270	5-14-10	5-14-10	
Benzo[a]anthracene	ND	0.012	EPA 8270/SIM	5-14-10	5-14-10	
Chrysene	ND	0.012	EPA 8270/SIM	5-14-10	5-14-10	
bis(2-Ethylhexyl)phthalate	ND	1.2	EPA 8270	5-14-10	5-14-10	
Di-n-octylphthalate	ND	1.2	EPA 8270	5-14-10	5-14-10	
Benzo[b]fluoranthene	ND	0.012	EPA 8270/SIM	5-14-10	5-14-10	
Benzo[k]fluoranthene	ND	0.012	EPA 8270/SIM	5-14-10	5-14-10	
Benzo[a]pyrene	ND	0.012	EPA 8270/SIM	5-14-10	5-14-10	
Indeno[1,2,3-cd]pyrene	ND	0.012	EPA 8270/SIM	5-14-10	5-14-10	
Dibenz[a,h]anthracene	ND	0.012	EPA 8270/SIM	5-14-10	5-14-10	
Benzo[g,h,i]perylene	ND	0.012	EPA 8270/SIM	5-14-10	5-14-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>55</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>45</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>82</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>76</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>75</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>86</i>	<i>57 - 114</i>				

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

**SEMIVOLATILES by EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0514W1					
n-Nitrosodimethylamine	ND	1.0	EPA 8270	5-14-10	5-14-10	
Pyridine	ND	10	EPA 8270	5-14-10	5-14-10	
Phenol	ND	1.0	EPA 8270	5-14-10	5-14-10	
Aniline	ND	5.0	EPA 8270	5-14-10	5-14-10	
bis(2-Chloroethyl)ether	ND	1.0	EPA 8270	5-14-10	5-14-10	
2-Chlorophenol	ND	1.0	EPA 8270	5-14-10	5-14-10	
1,3-Dichlorobenzene	ND	1.0	EPA 8270	5-14-10	5-14-10	
1,4-Dichlorobenzene	ND	1.0	EPA 8270	5-14-10	5-14-10	
Benzyl alcohol	ND	1.0	EPA 8270	5-14-10	5-14-10	
1,2-Dichlorobenzene	ND	1.0	EPA 8270	5-14-10	5-14-10	
2-Methylphenol (o-Cresol)	ND	1.0	EPA 8270	5-14-10	5-14-10	
bis(2-Chloroisopropyl)ether	ND	1.0	EPA 8270	5-14-10	5-14-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	1.0	EPA 8270	5-14-10	5-14-10	
n-Nitroso-di-n-propylamine	ND	1.0	EPA 8270	5-14-10	5-14-10	
Hexachloroethane	ND	1.0	EPA 8270	5-14-10	5-14-10	
Nitrobenzene	ND	1.0	EPA 8270	5-14-10	5-14-10	
Isophorone	ND	1.0	EPA 8270	5-14-10	5-14-10	
2-Nitrophenol	ND	1.0	EPA 8270	5-14-10	5-14-10	
2,4-Dimethylphenol	ND	1.0	EPA 8270	5-14-10	5-14-10	
bis(2-Chloroethoxy)methane	ND	1.0	EPA 8270	5-14-10	5-14-10	
2,4-Dichlorophenol	ND	1.0	EPA 8270	5-14-10	5-14-10	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8270	5-14-10	5-14-10	
Naphthalene	ND	0.10	EPA 8270/SIM	5-14-10	5-14-10	
4-Chloroaniline	ND	10	EPA 8270	5-14-10	5-14-10	
Hexachlorobutadiene	ND	1.0	EPA 8270	5-14-10	5-14-10	
4-Chloro-3-methylphenol	ND	1.0	EPA 8270	5-14-10	5-14-10	
2-Methylnaphthalene	ND	0.10	EPA 8270/SIM	5-14-10	5-14-10	
1-Methylnaphthalene	ND	0.10	EPA 8270/SIM	5-14-10	5-14-10	
Hexachlorocyclopentadiene	ND	1.0	EPA 8270	5-14-10	5-14-10	
2,4,6-Trichlorophenol	ND	1.0	EPA 8270	5-14-10	5-14-10	
2,3-Dichloroaniline	ND	1.0	EPA 8270	5-14-10	5-14-10	
2,4,5-Trichlorophenol	ND	1.0	EPA 8270	5-14-10	5-14-10	
2-Chloronaphthalene	ND	1.0	EPA 8270	5-14-10	5-14-10	
2-Nitroaniline	ND	1.0	EPA 8270	5-14-10	5-14-10	
1,4-Dinitrobenzene	ND	1.0	EPA 8270	5-14-10	5-14-10	
Dimethylphthalate	ND	1.0	EPA 8270	5-14-10	5-14-10	
1,3-Dinitrobenzene	ND	1.0	EPA 8270	5-14-10	5-14-10	
2,6-Dinitrotoluene	ND	1.0	EPA 8270	5-14-10	5-14-10	
1,2-Dinitrobenzene	ND	1.0	EPA 8270	5-14-10	5-14-10	
Acenaphthylene	ND	0.10	EPA 8270/SIM	5-14-10	5-14-10	
3-Nitroaniline	ND	1.0	EPA 8270	5-14-10	5-14-10	

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0514W1					
2,4-Dinitrophenol	ND	10	EPA 8270	5-14-10	5-14-10	
Acenaphthene	ND	0.10	EPA 8270/SIM	5-14-10	5-14-10	
4-Nitrophenol	ND	1.0	EPA 8270	5-14-10	5-14-10	
2,4-Dinitrotoluene	ND	1.0	EPA 8270	5-14-10	5-14-10	
Dibenzofuran	ND	1.0	EPA 8270	5-14-10	5-14-10	
2,3,5,6-Tetrachlorophenol	ND	1.0	EPA 8270	5-14-10	5-14-10	
2,3,4,6-Tetrachlorophenol	ND	1.0	EPA 8270	5-14-10	5-14-10	
Diethylphthalate	ND	1.0	EPA 8270	5-14-10	5-14-10	
4-Chlorophenyl-phenylether	ND	1.0	EPA 8270	5-14-10	5-14-10	
4-Nitroaniline	ND	1.0	EPA 8270	5-14-10	5-14-10	
Fluorene	ND	0.10	EPA 8270/SIM	5-14-10	5-14-10	
4,6-Dinitro-2-methylphenol	ND	5.0	EPA 8270	5-14-10	5-14-10	
n-Nitrosodiphenylamine	ND	10	EPA 8270	5-14-10	5-14-10	
1,2-Diphenylhydrazine	ND	1.0	EPA 8270	5-14-10	5-14-10	
4-Bromophenyl-phenylether	ND	1.0	EPA 8270	5-14-10	5-14-10	
Hexachlorobenzene	ND	1.0	EPA 8270	5-14-10	5-14-10	
Pentachlorophenol	ND	5.0	EPA 8270	5-14-10	5-14-10	
Phenanthrene	ND	0.10	EPA 8270/SIM	5-14-10	5-14-10	
Anthracene	ND	0.10	EPA 8270/SIM	5-14-10	5-14-10	
Carbazole	ND	1.0	EPA 8270	5-14-10	5-14-10	
Di-n-butylphthalate	ND	1.0	EPA 8270	5-14-10	5-14-10	
Fluoranthene	ND	0.10	EPA 8270/SIM	5-14-10	5-14-10	
Benzidine	ND	10	EPA 8270	5-14-10	5-14-10	
Pyrene	ND	0.10	EPA 8270/SIM	5-14-10	5-14-10	
Butylbenzylphthalate	ND	1.0	EPA 8270	5-14-10	5-14-10	
bis-2-Ethylhexyladipate	ND	1.0	EPA 8270	5-14-10	5-14-10	
3,3'-Dichlorobenzidine	ND	10	EPA 8270	5-14-10	5-14-10	
Benzo[a]anthracene	ND	0.010	EPA 8270/SIM	5-14-10	5-14-10	
Chrysene	ND	0.010	EPA 8270/SIM	5-14-10	5-14-10	
bis(2-Ethylhexyl)phthalate	ND	1.0	EPA 8270	5-14-10	5-14-10	
Di-n-octylphthalate	ND	1.0	EPA 8270	5-14-10	5-14-10	
Benzo[b]fluoranthene	ND	0.010	EPA 8270/SIM	5-14-10	5-14-10	
Benzo[k]fluoranthene	ND	0.010	EPA 8270/SIM	5-14-10	5-14-10	
Benzo[a]pyrene	ND	0.010	EPA 8270/SIM	5-14-10	5-14-10	
Indeno[1,2,3-cd]pyrene	ND	0.010	EPA 8270/SIM	5-14-10	5-14-10	
Dibenz[a,h]anthracene	ND	0.010	EPA 8270/SIM	5-14-10	5-14-10	
Benzo[g,h,i]perylene	ND	0.010	EPA 8270/SIM	5-14-10	5-14-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	53	14 - 95				
Phenol-d6	43	10 - 94				
Nitrobenzene-d5	81	34 - 118				
2-Fluorobiphenyl	74	42 - 111				
2,4,6-Tribromophenol	80	52 - 117				
Terphenyl-d14	93	57 - 114				

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

**SEMIVOLATILES by EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
	SB	SBD	SB	SBD	SB	SBD				
SPIKE BLANKS										
Laboratory ID:	SB0514W1									
Phenol	17.0	17.1	40.0	40.0	43	43	24 - 70	1	26	
2-Chlorophenol	30.9	31.8	40.0	40.0	77	80	36 - 116	3	28	
1,4-Dichlorobenzene	14.0	14.3	20.0	20.0	70	72	30 - 107	2	31	
n-Nitroso-di-n-propylamine	16.2	16.6	20.0	20.0	81	83	35 - 114	2	26	
1,2,4-Trichlorobenzene	13.9	14.2	20.0	20.0	70	71	29 - 108	2	29	
4-Chloro-3-methylphenol	33.5	34.3	40.0	40.0	84	86	56 - 108	2	17	
Acenaphthene	15.7	15.9	20.0	20.0	79	80	49 - 104	1	21	
4-Nitrophenol	20.3	21.7	40.0	40.0	51	54	17 - 86	7	23	
2,4-Dinitrotoluene	16.9	17.9	20.0	20.0	85	90	52 - 106	6	17	
Pentachlorophenol	36.1	38.9	40.0	40.0	90	97	45 - 110	7	24	
Pyrene	18.5	19.0	20.0	20.0	93	95	65 - 103	3	16	
<i>Surrogate:</i>										
2-Fluorophenol					55	57	14 - 95			
Phenol-d6					43	43	10 - 94			
Nitrobenzene-d5					82	84	34 - 118			
2-Fluorobiphenyl					76	76	42 - 111			
2,4,6-Tribromophenol					74	78	52 - 117			
Terphenyl-d14					89	92	57 - 114			

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

**TOTAL METALS
 EPA 6010B/7471A**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	05-103-02					
Client ID:	WSP-MW-10-SB-06					
Arsenic	ND	12	6010B	5-18-10	5-18-10	
Cadmium	ND	0.58	6010B	5-18-10	5-18-10	
Chromium	15	1.2	6010B	5-18-10	5-18-10	
Copper	22	1.7	6010B	5-18-10	5-18-10	
Lead	12	5.8	6010B	5-18-10	5-18-10	
Manganese	590	58	6010B	5-18-10	5-18-10	
Mercury	ND	0.29	7471A	5-19-10	5-19-10	

Date of Report: May 21, 2010
Samples Submitted: May 13, 2010
Laboratory Reference: 1005-103
Project: WSP-RI/FS - Walla Walla

**TOTAL METALS
EPA 6010B/7471A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-18&19-10
Date Analyzed: 5-18&19-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0518S2&MB0519S3

Analyte	Method	Result	PQL
Arsenic	6010B	ND	10
Cadmium	6010B	ND	0.50
Chromium	6010B	ND	1.0
Copper	6010B	ND	1.5
Lead	6010B	ND	5.0
Manganese	6010B	ND	10
Mercury	7471A	ND	0.25

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

**TOTAL METALS
 EPA 6010B/7471A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 5-18&19-10

Date Analyzed: 5-18&19-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-103-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	10	
Cadmium	ND	ND	NA	0.50	
Chromium	12.8	12.3	4	1.0	
Copper	18.8	18.5	2	1.5	
Lead	10.1	9.35	7	5.0	
Manganese	503	514	2	50	
Mercury	ND	ND	NA	0.25	

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

**TOTAL METALS
 EPA 6010B/7471A
 MS/MSD QUALITY CONTROL**

Date Extracted: 5-18&19-10

Date Analyzed: 5-18&19-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-103-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	105	105	105	105	0	
Cadmium	50	43.9	88	43.9	88	0	
Chromium	100	100	87	100	87	0	
Copper	50	66.6	96	66.6	96	0	
Lead	250	224	85	226	86	1	
Manganese	100	626	122	614	111	2	
Mercury	0.50	0.479	96	0.470	94	2	

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

TOTAL METALS
EPA 200.8/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	05-103-07					
Client ID:	WSP-RB-051210					
Arsenic	ND	3.3	200.8	5-17-10	5-17-10	
Cadmium	ND	4.4	200.8	5-17-10	5-17-10	
Chromium	ND	11	200.8	5-17-10	5-17-10	
Copper	ND	11	200.8	5-17-10	5-17-10	
Lead	ND	1.1	200.8	5-17-10	5-17-10	
Manganese	ND	11	200.8	5-17-10	5-17-10	
Mercury	ND	0.50	7470A	5-20-10	5-20-10	

Date of Report: May 21, 2010
Samples Submitted: May 13, 2010
Laboratory Reference: 1005-103
Project: WSP-RI/FS - Walla Walla

**TOTAL METALS
EPA 200.8
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-17-10
Date Analyzed: 5-17-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0517W1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.3
Cadmium	200.8	ND	4.4
Chromium	200.8	ND	11
Copper	200.8	ND	11
Lead	200.8	ND	1.1
Manganese	200.8	ND	11

Date of Report: May 21, 2010
Samples Submitted: May 13, 2010
Laboratory Reference: 1005-103
Project: WSP-RI/FS - Walla Walla

**TOTAL METALS
EPA 7470A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-20-10
Date Analyzed: 5-20-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0520W1

Analyte	Method	Result	PQL
Mercury	7470A	ND	0.50

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

**TOTAL METALS
 EPA 200.8
 DUPLICATE QUALITY CONTROL**

Date Extracted: 5-17-10

Date Analyzed: 5-17-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: 05-055-06

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.3	
Cadmium	ND	ND	NA	4.4	
Chromium	ND	ND	NA	11	
Copper	ND	ND	NA	11	
Lead	ND	ND	NA	1.1	
Manganese	ND	ND	NA	11	

Date of Report: May 21, 2010
Samples Submitted: May 13, 2010
Laboratory Reference: 1005-103
Project: WSP-RI/FS - Walla Walla

**TOTAL METALS
EPA 7470A
DUPLICATE QUALITY CONTROL**

Date Extracted: 5-20-10

Date Analyzed: 5-20-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: 05-103-07

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	ND	ND	NA	0.50	

Date of Report: May 21, 2010
 Samples Submitted: May 13, 2010
 Laboratory Reference: 1005-103
 Project: WSP-RI/FS - Walla Walla

**TOTAL METALS
 EPA 200.8
 MS/MSD QUALITY CONTROL**

Date Extracted: 5-17-10

Date Analyzed: 5-17-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: 05-055-06

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	105	95	105	95	0	
Cadmium	110	106	96	106	96	0	
Chromium	110	105	95	104	94	1	
Copper	110	98.1	89	98.3	89	0	
Lead	110	104	95	104	95	0	
Manganese	110	111	101	109	99	2	

Date of Report: May 21, 2010
Samples Submitted: May 13, 2010
Laboratory Reference: 1005-103
Project: WSP-RI/FS - Walla Walla

**TOTAL METALS
EPA 7470A
MS/MSD QUALITY CONTROL**

Date Extracted: 5-20-10

Date Analyzed: 5-20-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: 05-103-07

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	12.5	14.2	114	12.9	103	10	

Date of Report: May 21, 2010
Samples Submitted: May 13, 2010
Laboratory Reference: 1005-103
Project: WSP-RI/FS - Walla Walla

% MOISTURE

Date Analyzed: 5-13-10

Client ID	Lab ID	% Moisture
WSP-MW-10-SB-06	05-103-02	14



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



M OnSite Environmental Inc.
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-3881 • www.onsite-en.com

Chain of Custody

Turnaround Request
 (in working days)

(Check One)

Same Day 1 Day

2 Day 3 Day

Standard (7 working days)
 (TPH analysis 5 working days)

(other)

Laboratory Number:

05-103

Requested Analysis

Company: Parsons

Project Number: _____

Project Name: WSP-R1/E3 - Wawa Wawa

Project Manager: _____

Sampled by: Wade Lambert

Client: JAMES ATKINS / AWA 296-344 7124

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	MSCA METALS + Cu+Mn	% Moisture
1	WSP-mw-06-gw-051110	5/6/10	1300	w	2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	WSP-mw-10-SB-06	5/12/10	815	S	12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3			820		6															
4			825		6															
5			830		6															
6			835		6															
7	WSP-R03-051210		1300	w	8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Relinquished by	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by	<u>La Q</u>	<u>AWA</u>	5/13/10	1000	<u>MS/MSD on WSP-mw-10-SB-06</u>
Received by	<u>[Signature]</u>	<u>[Signature]</u>	5/13/10	1000	
Relinquished by					
Received by					
Relinquished by					
Received by					
Reviewed by/Date					Chromatograms with final report <input type="checkbox"/>



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

June 15, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project WSP-RI/FS
Laboratory Reference No. 1005-188

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on May 26, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: June 15, 2010
Samples Submitted: May 26, 2010
Laboratory Reference: 1005-188
Project: WSP-RI/FS

Case Narrative

Page 1 of 2

Samples were collected on May 24, 2010 and received by the laboratory on May 26, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Sample analysis holding time for WSP-01-03-TP-07, WSP-01-05-TP-07 and WSP-01-10-TP-15 was exceeded by 1 day.

NWTPH Dx Analysis

Samples WSP-01-03-TP-07, WSP-01-05-TP-07, WSP-01-08-TP-10, and WSP-01-10-TP-15 were extracted and analyzed out of holding time.

Date of Report: June 15, 2010
Samples Submitted: May 26, 2010
Laboratory Reference: 1005-188
Project: WSP-RI/FS

Case Narrative
Page 2 of 2

Volatiles EPA 8260B Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Internal Standards Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 did not meet acceptance criteria for sample WSP-01-01-TP-08 due to sample matrix effects. The sample was re-analyzed with similar results. The sample was then extracted from the 8-ounce jar at a dilution with Internal Standard 1,4-Dichlorobenzene not meeting acceptance criteria. The report contains data from both the field-extracted and the lab-extracted samples. All results, including Practical Quantitation Limits, from Bromobenzene onward should be considered estimates.

Internal Standards 1,4-Difluorobenzene, Chlorobenzene-d5, and 1,4-Dichlorobenzene-d4 did not meet acceptance criteria for sample WSP-01-03-TP-07 due to sample matrix effects. The sample was re-analyzed with similar results. The sample was then extracted from the 8-ounce jar at a dilution with Internal Standard 1,4-Dichlorobenzene not meeting acceptance criteria. The report contains data from both the field-extracted and the lab-extracted samples. All results, including Practical Quantitation Limits, from Bromobenzene onward should be considered estimates.

None of the four Internal Standards met acceptance criteria for sample WSP-01-04-TP-04 due to sample matrix effects. The sample was re-analyzed with similar results. The sample was then extracted from the 8-ounce jar at a dilution with Internal Standards Chlorobenzene-d5 and 1,4-Dichlorobenzene not meeting acceptance criteria. The lab-extracted sample is reported. All results, including Practical Quantitation Limits, from (trans) 1,3-Dichloropropene onward should be considered estimates.

PAHs EPA 8270D/SIM Analysis

Sample WSP-01-05-TP-07 had one surrogate recovery out of control limits. This is within allowance of our standard operating procedure as long as the recovery is above 10%.

Samples WSP-01-03-TP-07 and WSP-01-05-TP-07 were extracted and analyzed one day out of hold time.
Samples WSP-01-08-TP-10 and WSP-01-10-TP-15 were extracted and analyzed three days out of hold time.

Please note that any other QA/QC issues associated with these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

NWTPH-Gx

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-01-03-TP-07					
Laboratory ID:	05-188-02					
Gasoline	18	11	NWTPH-Gx	6-8-10	6-8-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	113	55-127				
Client ID:	WSP-01-05-TP-07					
Laboratory ID:	05-188-04					
Gasoline	ND	7.4	NWTPH-Gx	6-8-10	6-8-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	101	55-127				
Client ID:	WSP-01-10-TP-15					
Laboratory ID:	05-188-08					
Gasoline	ND	6.5	NWTPH-Gx	6-8-10	6-8-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	96	55-127				

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0608S1					
Gasoline	ND	5.0	NWTPH-Gx	6-8-10	6-8-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>91</i>	<i>55-127</i>				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	05-188-08							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	30	
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				96	96	55-127		

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

NWTPH-Dx

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
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Lab ID: 05-188-02

Client ID: WSP-01-03-TP-07

Diesel Range Organics	43	32	6-9-10	6-9-10	Y,N
Lube Oil	680	65	6-9-10	6-9-10	Y
Surrogate: o-terphenyl	75%	50-150			

Lab ID: 05-188-04

Client ID: WSP-01-05-TP-07

Diesel Range	ND	30	6-9-10	6-9-10	Y
Lube Oil Range	ND	60	6-9-10	6-9-10	Y
Surrogate: o-terphenyl	102%	50-150			

Lab ID: 05-188-06

Client ID: WSP-01-08-TP-10

Diesel Range	ND	31	6-9-10	6-9-10	Y
Lube Oil Range	ND	61	6-9-10	6-9-10	Y
Surrogate: o-terphenyl	95%	50-150			

Lab ID: 05-188-08

Client ID: WSP-01-10-TP-15

Diesel Range	ND	29	6-9-10	6-9-10	Y
Lube Oil	57	57	6-9-10	6-9-10	Y
Surrogate: o-terphenyl	107%	50-150			

Date of Report: June 15, 2010
Samples Submitted: May 26, 2010
Laboratory Reference: 1005-188
Project: WSP-RI/FS

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 6-9-10
Date Analyzed: 6-9-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0609S1

Diesel Range: **ND**

PQL: 25

Identification: ---

Lube Oil Range: **ND**

PQL: 50

Identification: ---

Surrogate Recovery

o-Terphenyl: 97%

Flags: Y

Date of Report: June 15, 2010
Samples Submitted: May 26, 2010
Laboratory Reference: 1005-188
Project: WSP-RI/FS

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 6-9-10
Date Analyzed: 6-9-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-188-04 05-188-04 DUP

Diesel Range: **ND** **ND**
PQL: 25 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 102% 106%

Flags: Y Y

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

VOLATILES by EPA 8260B

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Date Extracted: 5-26&27-10
 Date Analyzed: 5-26&27-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-188-01
Client ID: WSP-01-01-TP-08

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0022
Chloromethane	ND		0.011
Vinyl Chloride	ND		0.0022
Bromomethane	ND		0.0022
Chloroethane	ND		0.011
Trichlorofluoromethane	ND		0.0022
1,1-Dichloroethene	ND		0.0022
Acetone	0.072		0.011
Iodomethane	ND		0.011
Carbon Disulfide	ND		0.0022
Methylene Chloride	ND		0.011
(trans) 1,2-Dichloroethene	ND		0.0022
Methyl t-Butyl Ether	ND		0.0022
1,1-Dichloroethane	ND		0.0022
Vinyl Acetate	ND		0.011
2,2-Dichloropropane	ND		0.0022
(cis) 1,2-Dichloroethene	ND		0.0022
2-Butanone	ND		0.011
Bromochloromethane	ND		0.0022
Chloroform	ND		0.0022
1,1,1-Trichloroethane	ND		0.0022
Carbon Tetrachloride	ND		0.0022
1,1-Dichloropropene	ND		0.0022
Benzene	ND		0.0022
1,2-Dichloroethane	ND		0.0022
Trichloroethene	ND		0.0022
1,2-Dichloropropane	ND		0.0022
Dibromomethane	ND		0.0022
Bromodichloromethane	ND		0.0022
2-Chloroethyl Vinyl Ether	ND		0.011
(cis) 1,3-Dichloropropene	ND		0.0022
Methyl Isobutyl Ketone	ND		0.011
Toluene	ND		0.011
(trans) 1,3-Dichloropropene	ND		0.0067

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

VOLATILES by EPA 8260B
 Page 2 of 2

Lab ID: 05-188-01
 Client ID: WSP-01-01-TP-08

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0067
Tetrachloroethene	ND		0.0067
1,3-Dichloropropane	ND		0.0067
2-Hexanone	ND		0.033
Dibromochloromethane	ND		0.0067
1,2-Dibromoethane	ND		0.0067
Chlorobenzene	ND		0.0067
1,1,1,2-Tetrachloroethane	ND		0.0067
Ethylbenzene	ND		0.0067
m,p-Xylene	ND		0.013
o-Xylene	ND		0.0067
Styrene	ND		0.0067
Bromoform	ND		0.0067
Isopropylbenzene	ND		0.0067
Bromobenzene	ND		0.0022
1,1,2,2-Tetrachloroethane	ND		0.0022
1,2,3-Trichloropropane	ND		0.0022
n-Propylbenzene	ND		0.0022
2-Chlorotoluene	ND		0.0022
4-Chlorotoluene	ND		0.0022
1,3,5-Trimethylbenzene	ND		0.0022
tert-Butylbenzene	ND		0.0022
1,2,4-Trimethylbenzene	ND		0.0022
sec-Butylbenzene	ND		0.0022
1,3-Dichlorobenzene	ND		0.0022
p-Isopropyltoluene	ND		0.0022
1,4-Dichlorobenzene	ND		0.0022
1,2-Dichlorobenzene	ND		0.0022
n-Butylbenzene	ND		0.0022
1,2-Dibromo-3-chloropropane	ND		0.011
1,2,4-Trichlorobenzene	ND		0.0022
Hexachlorobutadiene	ND		0.011
Naphthalene	ND		0.0022
1,2,3-Trichlorobenzene	ND		0.0022

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	111	66-128
Toluene-d8	117	68-126
4-Bromofluorobenzene	81	53-134

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 5-26&27-10
 Date Analyzed: 5-26&27-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-188-02
Client ID: WSP-01-03-TP-07

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0022
Chloromethane	ND		0.011
Vinyl Chloride	ND		0.0022
Bromomethane	ND		0.0022
Chloroethane	ND		0.011
Trichlorofluoromethane	ND		0.0022
1,1-Dichloroethene	ND		0.0022
Acetone	0.19		0.011
Iodomethane	ND		0.011
Carbon Disulfide	ND		0.0022
Methylene Chloride	ND		0.011
(trans) 1,2-Dichloroethene	ND		0.0022
Methyl t-Butyl Ether	ND		0.0022
1,1-Dichloroethane	ND		0.0022
Vinyl Acetate	ND		0.011
2,2-Dichloropropane	ND		0.0022
(cis) 1,2-Dichloroethene	ND		0.0022
2-Butanone	0.013		0.011
Bromochloromethane	ND		0.0022
Chloroform	ND		0.0022
1,1,1-Trichloroethane	ND		0.0022
Carbon Tetrachloride	ND		0.0022
1,1-Dichloropropene	ND		0.0022
Benzene	ND		0.0022
1,2-Dichloroethane	ND		0.0022
Trichloroethene	ND		0.0065
1,2-Dichloropropane	ND		0.0065
Dibromomethane	ND		0.0065
Bromodichloromethane	ND		0.0065
2-Chloroethyl Vinyl Ether	ND		0.032
(cis) 1,3-Dichloropropene	ND		0.0065
Methyl Isobutyl Ketone	ND		0.032
Toluene	ND		0.032
(trans) 1,3-Dichloropropene	ND		0.0065

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
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 Project: WSP-RI/FS

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Lab ID: 05-188-02
 Client ID: WSP-01-03-TP-07

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0065
Tetrachloroethene	0.052		0.0065
1,3-Dichloropropane	ND		0.0065
2-Hexanone	ND		0.032
Dibromochloromethane	ND		0.0065
1,2-Dibromoethane	ND		0.0065
Chlorobenzene	ND		0.0065
1,1,1,2-Tetrachloroethane	ND		0.0065
Ethylbenzene	ND		0.0065
m,p-Xylene	ND		0.013
o-Xylene	ND		0.0065
Styrene	ND		0.0065
Bromoform	ND		0.0065
Isopropylbenzene	ND		0.0065
Bromobenzene	ND		0.0065
1,1,2,2-Tetrachloroethane	ND		0.0065
1,2,3-Trichloropropane	ND		0.0065
n-Propylbenzene	ND		0.0065
2-Chlorotoluene	ND		0.0065
4-Chlorotoluene	ND		0.0065
1,3,5-Trimethylbenzene	ND		0.0065
tert-Butylbenzene	ND		0.0065
1,2,4-Trimethylbenzene	ND		0.0065
sec-Butylbenzene	ND		0.0065
1,3-Dichlorobenzene	ND		0.0065
p-Isopropyltoluene	ND		0.0065
1,4-Dichlorobenzene	ND		0.0065
1,2-Dichlorobenzene	ND		0.0065
n-Butylbenzene	ND		0.0065
1,2-Dibromo-3-chloropropane	ND		0.032
1,2,4-Trichlorobenzene	ND		0.0065
Hexachlorobutadiene	ND		0.032
Naphthalene	ND		0.0065
1,2,3-Trichlorobenzene	ND		0.0065

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	100	66-128
Toluene-d8	108	68-126
4-Bromofluorobenzene	83	53-134

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
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 Project: WSP-RI/FS

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Date Extracted: 5-27-10
 Date Analyzed: 5-27-10
 Matrix: Soil
 Units: mg/kg (ppm)
 Lab ID: 05-188-03
 Client ID: WSP-01-04-TP-04

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0065
Chloromethane	ND		0.032
Vinyl Chloride	ND		0.0065
Bromomethane	ND		0.0065
Chloroethane	ND		0.032
Trichlorofluoromethane	ND		0.0065
1,1-Dichloroethene	ND		0.0065
Acetone	ND		0.032
Iodomethane	ND		0.032
Carbon Disulfide	ND		0.0065
Methylene Chloride	ND		0.032
(trans) 1,2-Dichloroethene	ND		0.0065
Methyl t-Butyl Ether	ND		0.0065
1,1-Dichloroethane	ND		0.0065
Vinyl Acetate	ND		0.032
2,2-Dichloropropane	ND		0.0065
(cis) 1,2-Dichloroethene	ND		0.0065
2-Butanone	ND		0.032
Bromochloromethane	ND		0.0065
Chloroform	ND		0.0065
1,1,1-Trichloroethane	ND		0.0065
Carbon Tetrachloride	ND		0.0065
1,1-Dichloropropene	ND		0.0065
Benzene	ND		0.0065
1,2-Dichloroethane	ND		0.0065
Trichloroethene	ND		0.0065
1,2-Dichloropropane	ND		0.0065
Dibromomethane	ND		0.0065
Bromodichloromethane	ND		0.0065
2-Chloroethyl Vinyl Ether	ND		0.032
(cis) 1,3-Dichloropropene	ND		0.0065
Methyl Isobutyl Ketone	ND		0.032
Toluene	ND		0.032
(trans) 1,3-Dichloropropene	ND		0.0065

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Lab ID: 05-188-03
 Client ID: WSP-01-04-TP-04

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0065
Tetrachloroethene	ND		0.0065
1,3-Dichloropropane	ND		0.0065
2-Hexanone	ND		0.032
Dibromochloromethane	ND		0.0065
1,2-Dibromoethane	ND		0.0065
Chlorobenzene	ND		0.0065
1,1,1,2-Tetrachloroethane	ND		0.0065
Ethylbenzene	ND		0.0065
m,p-Xylene	ND		0.013
o-Xylene	ND		0.0065
Styrene	ND		0.0065
Bromoform	ND		0.0065
Isopropylbenzene	ND		0.0065
Bromobenzene	ND		0.0065
1,1,2,2-Tetrachloroethane	ND		0.0065
1,2,3-Trichloropropane	ND		0.0065
n-Propylbenzene	ND		0.0065
2-Chlorotoluene	ND		0.0065
4-Chlorotoluene	ND		0.0065
1,3,5-Trimethylbenzene	ND		0.0065
tert-Butylbenzene	ND		0.0065
1,2,4-Trimethylbenzene	ND		0.0065
sec-Butylbenzene	ND		0.0065
1,3-Dichlorobenzene	ND		0.0065
p-Isopropyltoluene	ND		0.0065
1,4-Dichlorobenzene	ND		0.0065
1,2-Dichlorobenzene	ND		0.0065
n-Butylbenzene	ND		0.0065
1,2-Dibromo-3-chloropropane	ND		0.032
1,2,4-Trichlorobenzene	ND		0.0065
Hexachlorobutadiene	ND		0.032
Naphthalene	ND		0.0065
1,2,3-Trichlorobenzene	ND		0.0065

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	116	66-128
Toluene-d8	112	68-126
4-Bromofluorobenzene	60	53-134

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 Project: WSP-RI/FS

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Date Extracted: 5-26-10
 Date Analyzed: 5-26-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-188-04
Client ID: WSP-01-05-TP-07

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0061
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0061
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.093		0.0061
Iodomethane	ND		0.0061
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0061
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0061
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	0.0094		0.0061
Bromochloromethane	ND		0.0012
Chloroform	0.0013		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	0.0015		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0061
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0061
Toluene	ND		0.0061
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 05-188-04
 Client ID: WSP-01-05-TP-07

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0061
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0061
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0061
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	100	66-128
Toluene-d8	106	68-126
4-Bromofluorobenzene	86	53-134

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
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 Project: WSP-RI/FS

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Date Extracted: 5-26-10
 Date Analyzed: 5-26-10
 Matrix: Soil
 Units: mg/kg (ppm)
 Lab ID: 05-188-05
 Client ID: WSP-01-06-TP-08

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0016
Chloromethane	ND		0.0080
Vinyl Chloride	ND		0.0016
Bromomethane	ND		0.0016
Chloroethane	ND		0.0080
Trichlorofluoromethane	ND		0.0016
1,1-Dichloroethene	ND		0.0016
Acetone	ND		0.0080
Iodomethane	ND		0.0080
Carbon Disulfide	0.0094		0.0016
Methylene Chloride	ND		0.0080
(trans) 1,2-Dichloroethene	ND		0.0016
Methyl t-Butyl Ether	ND		0.0016
1,1-Dichloroethane	ND		0.0016
Vinyl Acetate	ND		0.0080
2,2-Dichloropropane	ND		0.0016
(cis) 1,2-Dichloroethene	ND		0.0016
2-Butanone	ND		0.0080
Bromochloromethane	ND		0.0016
Chloroform	ND		0.0016
1,1,1-Trichloroethane	ND		0.0016
Carbon Tetrachloride	ND		0.0016
1,1-Dichloropropene	ND		0.0016
Benzene	0.089		0.0016
1,2-Dichloroethane	ND		0.0016
Trichloroethene	ND		0.0016
1,2-Dichloropropane	ND		0.0016
Dibromomethane	ND		0.0016
Bromodichloromethane	ND		0.0016
2-Chloroethyl Vinyl Ether	ND		0.0080
(cis) 1,3-Dichloropropene	ND		0.0016
Methyl Isobutyl Ketone	ND		0.0080
Toluene	0.042		0.0080
(trans) 1,3-Dichloropropene	ND		0.0016

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Lab ID: 05-188-05
 Client ID: WSP-01-06-TP-08

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0016
Tetrachloroethene	ND		0.0016
1,3-Dichloropropane	ND		0.0016
2-Hexanone	ND		0.0080
Dibromochloromethane	ND		0.0016
1,2-Dibromoethane	ND		0.0016
Chlorobenzene	ND		0.0016
1,1,1,2-Tetrachloroethane	ND		0.0016
Ethylbenzene	0.0041		0.0016
m,p-Xylene	0.012		0.0032
o-Xylene	0.0050		0.0016
Styrene	ND		0.0016
Bromoform	ND		0.0016
Isopropylbenzene	ND		0.0016
Bromobenzene	ND		0.0016
1,1,2,2-Tetrachloroethane	ND		0.0016
1,2,3-Trichloropropane	ND		0.0016
n-Propylbenzene	ND		0.0016
2-Chlorotoluene	ND		0.0016
4-Chlorotoluene	ND		0.0016
1,3,5-Trimethylbenzene	ND		0.0016
tert-Butylbenzene	ND		0.0016
1,2,4-Trimethylbenzene	0.0031		0.0016
sec-Butylbenzene	ND		0.0016
1,3-Dichlorobenzene	ND		0.0016
p-Isopropyltoluene	ND		0.0016
1,4-Dichlorobenzene	ND		0.0016
1,2-Dichlorobenzene	ND		0.0016
n-Butylbenzene	ND		0.0016
1,2-Dibromo-3-chloropropane	ND		0.0080
1,2,4-Trichlorobenzene	ND		0.0016
Hexachlorobutadiene	ND		0.0080
Naphthalene	0.012		0.0016
1,2,3-Trichlorobenzene	ND		0.0016

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	112	66-128
Toluene-d8	119	68-126
4-Bromofluorobenzene	113	53-134

Date of Report: June 15, 2010
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Date Extracted: 5-26-10
 Date Analyzed: 5-26-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-188-06
Client ID: WSP-01-08-TP-10

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0017
Chloromethane	ND		0.0084
Vinyl Chloride	ND		0.0017
Bromomethane	ND		0.0017
Chloroethane	ND		0.0084
Trichlorofluoromethane	ND		0.0017
1,1-Dichloroethene	ND		0.0017
Acetone	ND		0.0084
Iodomethane	ND		0.0084
Carbon Disulfide	0.0018		0.0017
Methylene Chloride	ND		0.0084
(trans) 1,2-Dichloroethene	ND		0.0017
Methyl t-Butyl Ether	ND		0.0017
1,1-Dichloroethane	ND		0.0017
Vinyl Acetate	ND		0.0084
2,2-Dichloropropane	ND		0.0017
(cis) 1,2-Dichloroethene	ND		0.0017
2-Butanone	ND		0.0084
Bromochloromethane	ND		0.0017
Chloroform	ND		0.0017
1,1,1-Trichloroethane	ND		0.0017
Carbon Tetrachloride	ND		0.0017
1,1-Dichloropropene	ND		0.0017
Benzene	0.082		0.0017
1,2-Dichloroethane	ND		0.0017
Trichloroethene	ND		0.0017
1,2-Dichloropropane	ND		0.0017
Dibromomethane	ND		0.0017
Bromodichloromethane	ND		0.0017
2-Chloroethyl Vinyl Ether	ND		0.0084
(cis) 1,3-Dichloropropene	ND		0.0017
Methyl Isobutyl Ketone	ND		0.0084
Toluene	0.018		0.0084
(trans) 1,3-Dichloropropene	ND		0.0017

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Lab ID: 05-188-06
 Client ID: WSP-01-08-TP-10

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0017
Tetrachloroethene	ND		0.0017
1,3-Dichloropropane	ND		0.0017
2-Hexanone	ND		0.0084
Dibromochloromethane	ND		0.0017
1,2-Dibromoethane	ND		0.0017
Chlorobenzene	ND		0.0017
1,1,1,2-Tetrachloroethane	ND		0.0017
Ethylbenzene	0.0034		0.0017
m,p-Xylene	ND		0.0034
o-Xylene	ND		0.0017
Styrene	ND		0.0017
Bromoform	ND		0.0017
Isopropylbenzene	ND		0.0017
Bromobenzene	ND		0.0017
1,1,2,2-Tetrachloroethane	ND		0.0017
1,2,3-Trichloropropane	ND		0.0017
n-Propylbenzene	ND		0.0017
2-Chlorotoluene	ND		0.0017
4-Chlorotoluene	ND		0.0017
1,3,5-Trimethylbenzene	ND		0.0017
tert-Butylbenzene	ND		0.0017
1,2,4-Trimethylbenzene	ND		0.0017
sec-Butylbenzene	ND		0.0017
1,3-Dichlorobenzene	ND		0.0017
p-Isopropyltoluene	ND		0.0017
1,4-Dichlorobenzene	ND		0.0017
1,2-Dichlorobenzene	ND		0.0017
n-Butylbenzene	ND		0.0017
1,2-Dibromo-3-chloropropane	ND		0.0084
1,2,4-Trichlorobenzene	ND		0.0017
Hexachlorobutadiene	ND		0.0084
Naphthalene	ND		0.0017
1,2,3-Trichlorobenzene	ND		0.0017

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	106	66-128
Toluene-d8	111	68-126
4-Bromofluorobenzene	91	53-134

Date of Report: June 15, 2010
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Date Extracted: 5-26-10
 Date Analyzed: 5-26-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-188-07
Client ID: WSP-01-09-TP-10

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0014
Chloromethane	ND		0.0069
Vinyl Chloride	ND		0.0014
Bromomethane	ND		0.0014
Chloroethane	ND		0.0069
Trichlorofluoromethane	ND		0.0014
1,1-Dichloroethene	ND		0.0014
Acetone	0.081		0.0069
Iodomethane	ND		0.0069
Carbon Disulfide	ND		0.0014
Methylene Chloride	ND		0.0069
(trans) 1,2-Dichloroethene	ND		0.0014
Methyl t-Butyl Ether	ND		0.0014
1,1-Dichloroethane	ND		0.0014
Vinyl Acetate	ND		0.0069
2,2-Dichloropropane	ND		0.0014
(cis) 1,2-Dichloroethene	ND		0.0014
2-Butanone	0.011		0.0069
Bromochloromethane	ND		0.0014
Chloroform	ND		0.0014
1,1,1-Trichloroethane	ND		0.0014
Carbon Tetrachloride	ND		0.0014
1,1-Dichloropropene	ND		0.0014
Benzene	ND		0.0014
1,2-Dichloroethane	ND		0.0014
Trichloroethene	ND		0.0014
1,2-Dichloropropane	ND		0.0014
Dibromomethane	ND		0.0014
Bromodichloromethane	ND		0.0014
2-Chloroethyl Vinyl Ether	ND		0.0069
(cis) 1,3-Dichloropropene	ND		0.0014
Methyl Isobutyl Ketone	ND		0.0069
Toluene	ND		0.0069
(trans) 1,3-Dichloropropene	ND		0.0014

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
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 Project: WSP-RI/FS

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Lab ID: 05-188-07
 Client ID: WSP-01-09-TP-10

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0014
Tetrachloroethene	ND		0.0014
1,3-Dichloropropane	ND		0.0014
2-Hexanone	ND		0.0069
Dibromochloromethane	ND		0.0014
1,2-Dibromoethane	ND		0.0014
Chlorobenzene	ND		0.0014
1,1,1,2-Tetrachloroethane	ND		0.0014
Ethylbenzene	ND		0.0014
m,p-Xylene	ND		0.0028
o-Xylene	ND		0.0014
Styrene	ND		0.0014
Bromoform	ND		0.0014
Isopropylbenzene	ND		0.0014
Bromobenzene	ND		0.0014
1,1,2,2-Tetrachloroethane	ND		0.0014
1,2,3-Trichloropropane	ND		0.0014
n-Propylbenzene	ND		0.0014
2-Chlorotoluene	ND		0.0014
4-Chlorotoluene	ND		0.0014
1,3,5-Trimethylbenzene	ND		0.0014
tert-Butylbenzene	ND		0.0014
1,2,4-Trimethylbenzene	ND		0.0014
sec-Butylbenzene	ND		0.0014
1,3-Dichlorobenzene	ND		0.0014
p-Isopropyltoluene	0.0044		0.0014
1,4-Dichlorobenzene	ND		0.0014
1,2-Dichlorobenzene	ND		0.0014
n-Butylbenzene	ND		0.0014
1,2-Dibromo-3-chloropropane	ND		0.0069
1,2,4-Trichlorobenzene	ND		0.0014
Hexachlorobutadiene	ND		0.0069
Naphthalene	ND		0.0014
1,2,3-Trichlorobenzene	ND		0.0014

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	113	66-128
Toluene-d8	120	68-126
4-Bromofluorobenzene	107	53-134

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

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Date Extracted: 5-26-10
 Date Analyzed: 5-26-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-188-08
Client ID: WSP-01-10-TP-15

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0020
Chloromethane	ND		0.0098
Vinyl Chloride	ND		0.0020
Bromomethane	ND		0.0020
Chloroethane	ND		0.0098
Trichlorofluoromethane	ND		0.0020
1,1-Dichloroethene	ND		0.0020
Acetone	0.15		0.0098
Iodomethane	ND		0.0098
Carbon Disulfide	ND		0.0020
Methylene Chloride	ND		0.0098
(trans) 1,2-Dichloroethene	ND		0.0020
Methyl t-Butyl Ether	ND		0.0020
1,1-Dichloroethane	ND		0.0020
Vinyl Acetate	ND		0.0098
2,2-Dichloropropane	ND		0.0020
(cis) 1,2-Dichloroethene	ND		0.0020
2-Butanone	0.016		0.0098
Bromochloromethane	ND		0.0020
Chloroform	0.0095		0.0020
1,1,1-Trichloroethane	ND		0.0020
Carbon Tetrachloride	ND		0.0020
1,1-Dichloropropene	ND		0.0020
Benzene	ND		0.0020
1,2-Dichloroethane	ND		0.0020
Trichloroethene	ND		0.0020
1,2-Dichloropropane	ND		0.0020
Dibromomethane	ND		0.0020
Bromodichloromethane	ND		0.0020
2-Chloroethyl Vinyl Ether	ND		0.0098
(cis) 1,3-Dichloropropene	ND		0.0020
Methyl Isobutyl Ketone	ND		0.0098
Toluene	ND		0.0098
(trans) 1,3-Dichloropropene	ND		0.0020

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

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Lab ID: 05-188-08
 Client ID: WSP-01-10-TP-15

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0020
Tetrachloroethene	0.013		0.0020
1,3-Dichloropropane	ND		0.0020
2-Hexanone	ND		0.0098
Dibromochloromethane	ND		0.0020
1,2-Dibromoethane	ND		0.0020
Chlorobenzene	ND		0.0020
1,1,1,2-Tetrachloroethane	ND		0.0020
Ethylbenzene	ND		0.0020
m,p-Xylene	ND		0.0039
o-Xylene	ND		0.0020
Styrene	ND		0.0020
Bromoform	ND		0.0020
Isopropylbenzene	ND		0.0020
Bromobenzene	ND		0.0020
1,1,2,2-Tetrachloroethane	ND		0.0020
1,2,3-Trichloropropane	ND		0.0020
n-Propylbenzene	ND		0.0020
2-Chlorotoluene	ND		0.0020
4-Chlorotoluene	ND		0.0020
1,3,5-Trimethylbenzene	ND		0.0020
tert-Butylbenzene	ND		0.0020
1,2,4-Trimethylbenzene	ND		0.0020
sec-Butylbenzene	ND		0.0020
1,3-Dichlorobenzene	ND		0.0020
p-Isopropyltoluene	ND		0.0020
1,4-Dichlorobenzene	ND		0.0020
1,2-Dichlorobenzene	ND		0.0020
n-Butylbenzene	ND		0.0020
1,2-Dibromo-3-chloropropane	ND		0.0098
1,2,4-Trichlorobenzene	ND		0.0020
Hexachlorobutadiene	ND		0.0098
Naphthalene	ND		0.0020
1,2,3-Trichlorobenzene	ND		0.0020

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	66-128
Toluene-d8	103	68-126
4-Bromofluorobenzene	87	53-134

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

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Date Extracted: 5-26-10
 Date Analyzed: 5-26-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-188-09
Client ID: WSP-01-12-TP-16

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0015
Chloromethane	ND		0.0073
Vinyl Chloride	ND		0.0015
Bromomethane	ND		0.0015
Chloroethane	ND		0.0073
Trichlorofluoromethane	ND		0.0015
1,1-Dichloroethene	ND		0.0015
Acetone	0.088		0.0073
Iodomethane	ND		0.0073
Carbon Disulfide	ND		0.0015
Methylene Chloride	ND		0.0073
(trans) 1,2-Dichloroethene	ND		0.0015
Methyl t-Butyl Ether	ND		0.0015
1,1-Dichloroethane	ND		0.0015
Vinyl Acetate	ND		0.0073
2,2-Dichloropropane	ND		0.0015
(cis) 1,2-Dichloroethene	ND		0.0015
2-Butanone	0.015		0.0073
Bromochloromethane	ND		0.0015
Chloroform	ND		0.0015
1,1,1-Trichloroethane	ND		0.0015
Carbon Tetrachloride	ND		0.0015
1,1-Dichloropropene	ND		0.0015
Benzene	ND		0.0015
1,2-Dichloroethane	ND		0.0015
Trichloroethene	ND		0.0015
1,2-Dichloropropane	ND		0.0015
Dibromomethane	ND		0.0015
Bromodichloromethane	ND		0.0015
2-Chloroethyl Vinyl Ether	ND		0.0073
(cis) 1,3-Dichloropropene	ND		0.0015
Methyl Isobutyl Ketone	ND		0.0073
Toluene	ND		0.0073
(trans) 1,3-Dichloropropene	ND		0.0015

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
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 Project: WSP-RI/FS

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Lab ID: 05-188-09
 Client ID: WSP-01-12-TP-16

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0015
Tetrachloroethene	ND		0.0015
1,3-Dichloropropane	ND		0.0015
2-Hexanone	ND		0.0073
Dibromochloromethane	ND		0.0015
1,2-Dibromoethane	ND		0.0015
Chlorobenzene	ND		0.0015
1,1,1,2-Tetrachloroethane	ND		0.0015
Ethylbenzene	ND		0.0015
m,p-Xylene	ND		0.0029
o-Xylene	ND		0.0015
Styrene	ND		0.0015
Bromoform	ND		0.0015
Isopropylbenzene	ND		0.0015
Bromobenzene	ND		0.0015
1,1,1,2,2-Tetrachloroethane	ND		0.0015
1,2,3-Trichloropropane	ND		0.0015
n-Propylbenzene	ND		0.0015
2-Chlorotoluene	ND		0.0015
4-Chlorotoluene	ND		0.0015
1,3,5-Trimethylbenzene	ND		0.0015
tert-Butylbenzene	ND		0.0015
1,2,4-Trimethylbenzene	ND		0.0015
sec-Butylbenzene	ND		0.0015
1,3-Dichlorobenzene	ND		0.0015
p-Isopropyltoluene	ND		0.0015
1,4-Dichlorobenzene	ND		0.0015
1,2-Dichlorobenzene	ND		0.0015
n-Butylbenzene	ND		0.0015
1,2-Dibromo-3-chloropropane	ND		0.0073
1,2,4-Trichlorobenzene	ND		0.0015
Hexachlorobutadiene	ND		0.0073
Naphthalene	ND		0.0015
1,2,3-Trichlorobenzene	ND		0.0015

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	108	66-128
Toluene-d8	120	68-126
4-Bromofluorobenzene	109	53-134

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

**VOLATILES by EPA 8260B
 METHOD BLANK QUALITY CONTROL**

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Date Extracted: 5-26-10
 Date Analyzed: 5-26-10
 Matrix: Soil
 Units: mg/kg (ppm)
 Lab ID: MB0526S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0526S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	98	66-128
Toluene-d8	109	68-126
4-Bromofluorobenzene	104	53-134

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

**VOLATILES by EPA 8260B
 METHOD BLANK QUALITY CONTROL**

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Date Extracted: 5-27-10
 Date Analyzed: 5-27-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0527S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0527S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	102	66-128
Toluene-d8	111	68-126
4-Bromofluorobenzene	106	53-134

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 5-26-10
 Date Analyzed: 5-26-10
 Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: SB0526S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0567	113	0.0586	117	70-130	
Benzene	0.0500	0.0485	97	0.0512	102	70-121	
Trichloroethene	0.0500	0.0495	99	0.0495	99	70-124	
Toluene	0.0500	0.0495	99	0.0508	102	70-123	
Chlorobenzene	0.0500	0.0473	95	0.0479	96	71-119	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	3	14	
Benzene	5	10	
Trichloroethene	0	12	
Toluene	3	12	
Chlorobenzene	1	9	

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 5-27-10

Date Analyzed: 5-27-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: SB0527S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0627	125	0.0616	123	70-130	
Benzene	0.0500	0.0513	103	0.0519	104	70-121	
Trichloroethene	0.0500	0.0511	102	0.0510	102	70-124	
Toluene	0.0500	0.0499	100	0.0522	104	70-123	
Chlorobenzene	0.0500	0.0464	93	0.0480	96	71-119	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	2	14	
Benzene	1	10	
Trichloroethene	0	12	
Toluene	5	12	
Chlorobenzene	3	9	

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

PAHs by EPA 8270D/SIM

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-01-03-TP-07					
Laboratory ID:	05-188-02					
Naphthalene	0.012	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
2-Methylnaphthalene	0.030	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
1-Methylnaphthalene	0.036	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Acenaphthylene	0.0095	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Acenaphthene	ND	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Fluorene	ND	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Phenanthrene	0.056	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Anthracene	0.014	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Fluoranthene	0.10	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Pyrene	0.090	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[a]anthracene	0.037	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Chrysene	0.065	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[b]fluoranthene	0.040	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[k]fluoranthene	0.035	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[a]pyrene	0.037	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Indeno(1,2,3-c,d)pyrene	0.024	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Dibenz[a,h]anthracene	0.0091	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[g,h,i]perylene	0.033	0.0086	EPA 8270/SIM	6-8-10	6-8-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>68</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>66</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>73</i>	<i>41 - 106</i>				

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

PAHs by EPA 8270D/SIM

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-01-05-TP-07					
Laboratory ID:	05-188-04					
Naphthalene	0.0083	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
2-Methylnaphthalene	0.012	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
1-Methylnaphthalene	0.011	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Acenaphthylene	ND	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Acenaphthene	ND	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Fluorene	ND	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Phenanthrene	0.019	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Anthracene	ND	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Fluoranthene	0.017	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Pyrene	0.016	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[a]anthracene	0.0081	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Chrysene	0.014	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[b]fluoranthene	0.016	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[k]fluoranthene	0.011	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[a]pyrene	0.013	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Indeno(1,2,3-c,d)pyrene	0.014	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Dibenz[a,h]anthracene	ND	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[g,h,i]perylene	0.017	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>50</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>51</i>	<i>52 - 118</i>				Q
<i>Terphenyl-d14</i>	<i>49</i>	<i>41 - 106</i>				

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

PAHs by EPA 8270D/SIM

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-01-08-TP-10					
Laboratory ID:	05-188-06					
Naphthalene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
2-Methylnaphthalene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
1-Methylnaphthalene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Acenaphthylene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Acenaphthene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Fluorene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Phenanthrene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Anthracene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Fluoranthene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Pyrene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[a]anthracene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Chrysene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[b]fluoranthene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[k]fluoranthene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[a]pyrene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Indeno(1,2,3-c,d)pyrene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Dibenz[a,h]anthracene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[g,h,i]perylene	ND	0.0081	EPA 8270/SIM	6-10-10	6-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>77</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>83</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>84</i>	<i>41 - 106</i>				

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

PAHs by EPA 8270D/SIM

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-01-10-TP-15					
Laboratory ID:	05-188-08					
Naphthalene	ND	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
2-Methylnaphthalene	0.014	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
1-Methylnaphthalene	0.012	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Acenaphthylene	0.011	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Acenaphthene	ND	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Fluorene	ND	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Phenanthrene	0.056	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Anthracene	0.017	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Fluoranthene	0.11	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Pyrene	0.12	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[a]anthracene	0.059	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Chrysene	0.075	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[b]fluoranthene	0.072	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[k]fluoranthene	0.067	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[a]pyrene	0.082	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Indeno(1,2,3-c,d)pyrene	0.054	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Dibenz[a,h]anthracene	0.021	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[g,h,i]perylene	0.067	0.0076	EPA 8270/SIM	6-10-10	6-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>77</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>84</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>87</i>	<i>41 - 106</i>				

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

**PAHs by EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0608S1					
Naphthalene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
2-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
1-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Acenaphthylene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Acenaphthene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Fluorene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Phenanthrene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Anthracene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Fluoranthene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Pyrene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Chrysene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[k]fluoranthene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Indeno(1,2,3-c,d)pyrene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>76</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>87</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>89</i>	<i>41 - 106</i>				

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

**PAHs by EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0610S2					
Naphthalene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
2-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
1-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Acenaphthylene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Acenaphthene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Fluorene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Phenanthrene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Anthracene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Fluoranthene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Pyrene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Chrysene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[k]fluoranthene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Indeno(1,2,3-c,d)pyrene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>70</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>78</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>73</i>	<i>41 - 106</i>				

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

**PAHs by EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					SB	SBD	Limits	RPD	Limit	
SPIKE BLANKS										
Laboratory ID:	SB0608S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	0.0640	0.0649	0.0833	0.0833	77	78	33 - 105	1	30	
Acenaphthylene	0.0711	0.0705	0.0833	0.0833	85	85	51 - 110	1	22	
Acenaphthene	0.0708	0.0706	0.0833	0.0833	85	85	51 - 105	0	20	
Fluorene	0.0754	0.0749	0.0833	0.0833	91	90	61 - 107	1	17	
Phenanthrene	0.0741	0.0735	0.0833	0.0833	89	88	61 - 106	1	12	
Anthracene	0.0664	0.0648	0.0833	0.0833	80	78	59 - 106	2	12	
Fluoranthene	0.0795	0.0787	0.0833	0.0833	95	94	66 - 116	1	12	
Pyrene	0.0859	0.0814	0.0833	0.0833	103	98	67 - 118	5	14	
Benzo[a]anthracene	0.0765	0.0749	0.0833	0.0833	92	90	60 - 114	2	11	
Chrysene	0.0759	0.0751	0.0833	0.0833	91	90	64 - 112	1	12	
Benzo[b]fluoranthene	0.0768	0.0742	0.0833	0.0833	92	89	61 - 123	3	14	
Benzo[k]fluoranthene	0.0724	0.0707	0.0833	0.0833	87	85	50 - 124	2	17	
Benzo[a]pyrene	0.0681	0.0657	0.0833	0.0833	82	79	50 - 114	4	17	
Indeno(1,2,3-c,d)pyrene	0.0833	0.0819	0.0833	0.0833	100	98	56 - 122	2	16	
Dibenz[a,h]anthracene	0.0848	0.0838	0.0833	0.0833	102	101	57 - 124	1	16	
Benzo[g,h,i]perylene	0.0827	0.0820	0.0833	0.0833	99	98	56 - 121	1	15	
<i>Surrogate:</i>										
<i>2-Fluorobiphenyl</i>					<i>80</i>	<i>80</i>	<i>45 - 101</i>			
<i>Pyrene-d10</i>					<i>93</i>	<i>92</i>	<i>52 - 118</i>			
<i>Terphenyl-d14</i>					<i>97</i>	<i>89</i>	<i>41 - 106</i>			

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

**PAHs by EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
	SB	SBD	SB	SBD	SB	SBD				
SPIKE BLANKS										
Laboratory ID:	SB0610S2									
Naphthalene	0.0617	0.0607	0.0833	0.0833	74	73	33 - 105	2	30	
Acenaphthylene	0.0744	0.0677	0.0833	0.0833	89	81	51 - 110	9	22	
Acenaphthene	0.0690	0.0677	0.0833	0.0833	83	81	51 - 105	2	20	
Fluorene	0.0731	0.0700	0.0833	0.0833	88	84	61 - 107	4	17	
Phenanthrene	0.0717	0.0688	0.0833	0.0833	86	83	61 - 106	4	12	
Anthracene	0.0686	0.0659	0.0833	0.0833	82	79	59 - 106	4	12	
Fluoranthene	0.0767	0.0733	0.0833	0.0833	92	88	66 - 116	5	12	
Pyrene	0.0795	0.0820	0.0833	0.0833	95	98	67 - 118	3	14	
Benzo[a]anthracene	0.0733	0.0706	0.0833	0.0833	88	85	60 - 114	4	11	
Chrysene	0.0718	0.0691	0.0833	0.0833	86	83	64 - 112	4	12	
Benzo[b]fluoranthene	0.0739	0.0698	0.0833	0.0833	89	84	61 - 123	6	14	
Benzo[k]fluoranthene	0.0652	0.0653	0.0833	0.0833	78	78	50 - 124	0	17	
Benzo[a]pyrene	0.0706	0.0682	0.0833	0.0833	85	82	50 - 114	3	17	
Indeno(1,2,3-c,d)pyrene	0.0771	0.0763	0.0833	0.0833	93	92	56 - 122	1	16	
Dibenz[a,h]anthracene	0.0800	0.0779	0.0833	0.0833	96	94	57 - 124	3	16	
Benzo[g,h,i]perylene	0.0777	0.0757	0.0833	0.0833	93	91	56 - 121	3	15	
<i>Surrogate:</i>										
<i>2-Fluorobiphenyl</i>					<i>76</i>	<i>75</i>	<i>45 - 101</i>			
<i>Pyrene-d10</i>					<i>89</i>	<i>84</i>	<i>52 - 118</i>			
<i>Terphenyl-d14</i>					<i>83</i>	<i>86</i>	<i>41 - 106</i>			

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

TOTAL METALS
EPA 6010B/7471A

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	05-188-02					
Client ID:	WSP-01-03+TP-07					
Arsenic	ND	13	6010B	6-11-10	6-11-10	
Cadmium	ND	0.65	6010B	6-11-10	6-11-10	
Chromium	13	0.65	6010B	6-11-10	6-11-10	
Copper	26	1.3	6010B	6-11-10	6-11-10	
Lead	41	6.5	6010B	6-11-10	6-11-10	
Manganese	210	0.65	6010B	6-11-10	6-11-10	
Mercury	ND	0.32	7471A	5-27-10	5-27-10	

Lab ID:	05-188-04					
Client ID:	WSP-01-05-TP-07					
Arsenic	ND	12	6010B	6-11-10	6-11-10	
Cadmium	ND	0.60	6010B	6-11-10	6-11-10	
Chromium	14	0.60	6010B	6-11-10	6-11-10	
Copper	26	1.2	6010B	6-11-10	6-11-10	
Lead	38	6.0	6010B	6-11-10	6-11-10	
Manganese	480	0.60	6010B	6-11-10	6-11-10	
Mercury	ND	0.30	7471A	5-27-10	5-27-10	

Lab ID:	05-188-06					
Client ID:	WSP-01-08-TP-10					
Arsenic	15	12	6010B	6-11-10	6-11-10	
Cadmium	2.0	0.61	6010B	6-11-10	6-11-10	
Chromium	54	0.61	6010B	6-11-10	6-11-10	
Copper	720	12	6010B	6-11-10	6-11-10	
Lead	940	6.1	6010B	6-11-10	6-11-10	
Manganese	910	6.1	6010B	6-11-10	6-11-10	
Mercury	ND	0.30	7471A	5-27-10	5-27-10	

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

**TOTAL METALS
 EPA 6010B/7471A**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	05-188-08					
Client ID:	WSP-01-10-TP-15					
Arsenic	ND	11	6010B	6-11-10	6-11-10	
Cadmium	ND	0.57	6010B	6-11-10	6-11-10	
Chromium	16	0.57	6010B	6-11-10	6-11-10	
Copper	25	1.1	6010B	6-11-10	6-11-10	
Lead	52	5.7	6010B	6-11-10	6-11-10	
Manganese	530	0.57	6010B	6-11-10	6-11-10	
Mercury	ND	0.29	7471A	5-27-10	5-27-10	

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

**TOTAL MERCURY
 EPA 7471A**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	05-188-01					
Client ID:	WSP-01-01-TP-08					
Mercury	ND	0.33	7471A	5-27-10	5-27-10	
Lab ID:	05-188-03					
Client ID:	WSP-01-04-TP-04					
Mercury	ND	0.33	7471A	5-27-10	5-27-10	
Lab ID:	05-188-05					
Client ID:	WSP-01-06-TP-08					
Mercury	ND	0.33	7471A	5-27-10	5-27-10	
Lab ID:	05-188-07					
Client ID:	WSP-01-09-TP-12					
Mercury	ND	0.29	7471A	5-27-10	5-27-10	
Lab ID:	05-188-09					
Client ID:	WSP-01-12-TP-16					
Mercury	ND	0.32	7471A	5-27-10	5-27-10	

Date of Report: June 15, 2010
Samples Submitted: May 26, 2010
Laboratory Reference: 1005-188
Project: WSP-RI/FS

**TOTAL METALS
EPA 6010B
METHOD BLANK QUALITY CONTROL**

Date Extracted: 6-11-10
Date Analyzed: 6-11-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0611S1

Analyte	Method	Result	PQL
Arsenic	6010B	ND	10
Cadmium	6010B	ND	0.50
Chromium	6010B	ND	0.50
Copper	6010B	ND	1.0
Lead	6010B	ND	5.0
Manganese	6010B	ND	0.50

Date of Report: June 15, 2010
Samples Submitted: May 26, 2010
Laboratory Reference: 1005-188
Project: WSP-RI/FS

**TOTAL MERCURY
EPA 7471A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 5-27-10
Date Analyzed: 5-27-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0527S1

Analyte	Method	Result	PQL
Mercury	7471A	ND	0.25

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

**TOTAL METALS
 EPA 6010B
 DUPLICATE QUALITY CONTROL**

Date Extracted: 6-11-10
 Date Analyzed: 6-11-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 05-233-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	10	
Cadmium	ND	ND	NA	0.50	
Chromium	11.1	11.2	1	0.50	
Copper	21.5	20.9	3	1.0	
Lead	20.6	18.2	12	5.0	
Manganese	435	459	5	0.50	

Date of Report: June 15, 2010
Samples Submitted: May 26, 2010
Laboratory Reference: 1005-188
Project: WSP-RI/FS

**TOTAL MERCURY
EPA 7471A
DUPLICATE QUALITY CONTROL**

Date Extracted: 5-27-10

Date Analyzed: 5-27-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-053-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	ND	ND	NA	0.25	

Date of Report: June 15, 2010
 Samples Submitted: May 26, 2010
 Laboratory Reference: 1005-188
 Project: WSP-RI/FS

**TOTAL METALS
 EPA 6010B
 MS/MSD QUALITY CONTROL**

Date Extracted: 6-11-10

Date Analyzed: 6-11-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-233-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	102	102	103	103	1	
Cadmium	50	48.2	96	48.2	96	0	
Chromium	100	105	94	105	94	1	
Copper	50	73.0	103	71.9	101	2	
Lead	250	254	94	251	92	1	
Manganese	100	551	116	545	110	1	

Date of Report: June 15, 2010
Samples Submitted: May 26, 2010
Laboratory Reference: 1005-188
Project: WSP-RI/FS

**TOTAL MERCURY
EPA 7471A
MS/MSD QUALITY CONTROL**

Date Extracted: 5-27-10

Date Analyzed: 5-27-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-053-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	0.50	0.500	100	0.517	103	3	

Date of Report: June 15, 2010
Samples Submitted: May 26, 2010
Laboratory Reference: 1005-188
Project: WSP-RI/FS

% MOISTURE

Date Analyzed: 5-26-10

Client ID	Lab ID	% Moisture
WSP-01-01 - TP-08	05-188-01	25
WSP-01-03 - TP-07	05-188-02	23
WSP-01-04 - TP-04	05-188-03	23
WSP-01-05 - TP-07	05-188-04	17
WSP-01-06 - TP-08	05-188-05	24
WSP-01-08 - TP-10	05-188-06	18
WSP-01-09 - TP-12	05-188-07	14
WSP-01-10 - TP-15	05-188-08	13
WSP-01-12 - TP-16	05-188-09	22



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



OnSite Environmental Inc.
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-8881 • www.on-site-env.com

Chain of Custody

Turnaround Request
 (in working days)

(Check One)

- Same Day
- 1 Day
- 2 Day
- 3 Day
- Standard (7 working days)
 (TPH analysis 5 working days)
- (other)

Laboratory Number:

Requested Analysis

05 - 188

Company: **PMX**
 Project Number:
 Project Name: **WSP - R/FS**
 Project Manager:
 Mikes Wansel - Parameters
 Sampled by:
 Vais Arins - HVA

Lab ID: Sample Identification

Requested Analysis	Requested	Analysis
NWTPH-HCID		
NWTPH-Gx/BTEX		DB
NWTPH-Dx		
Volatiles by 8260B		
Halogenated Volatiles by 8260B		
Semivolatiles by 8270D / SIM		
PAHs by 8270D / SIM		
PCBs by 8082		
Pesticides by 8081A		
Herbicides by 8151A		
Total RCRA Metals (8)		
TCLP Metals		
HEM by 1664		
Metals Metals + Cu / Mn		
HOLD		
% Moisture		

Lab ID	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	Metals Metals + Cu / Mn	HOLD	% Moisture		
1	WSP-01-01-TP-03	5/12/10	1020	3	C																	
2	WSP-01-03-TP-07	11:15																				
3	WSP-01-04-TP-04	12:00																				
4	WSP-01-05-TP-02	12:30																				
5	WSP-01-06-TP-08	13:00																				
6	WSP-01-08-TP-10	14:30																				
7	WSP-01-09-TP-12	15:00																				
8	WSP-01-10-TP-15	15:30																				
9	WSP-01-12-TP-16	16:30																				

Signature: *[Handwritten Signature]*
 Company: **HVA**
 Date: **5/12/10**
 Time: **02:00**

Relinquished by: *[Handwritten Signature]*
 Received by: *[Handwritten Signature]*
 Relinquished by: *[Handwritten Signature]*
 Received by: *[Handwritten Signature]*
 Relinquished by: *[Handwritten Signature]*
 Received by: *[Handwritten Signature]*
 Reviewed by/Date: *[Handwritten Signature]*
 Reviewed by/Date: *[Handwritten Signature]*

Chromatograms with final report

Added 6/9/10 DB



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

June 14, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project WSP-RI/FS
Laboratory Reference No. 1005-213

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on May 27, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: June 14, 2010
Samples Submitted: May 27, 2010
Laboratory Reference: 1005-213
Project: WSP-RI/FS

Case Narrative

Samples were collected on May 25, 2010 and received by the laboratory on May 27, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Sample analysis holding time for WSP-01-16-TP-12 and WSP-DUP-052510 was exceeded by up to 9 hours.

The NWTPH-Gx result for WSP-DUP-052510 is mainly attributed to a single peak.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: June 14, 2010
 Samples Submitted: May 27, 2010
 Laboratory Reference: 1005-213
 Project: WSP-RI/FS

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-01-16-TP-12					
Laboratory ID:	05-213-02					
Benzene	ND	0.020	EPA 8021	6-8-10	6-8-10	
Toluene	ND	0.078	EPA 8021	6-8-10	6-8-10	
Ethyl Benzene	ND	0.078	EPA 8021	6-8-10	6-8-10	
m,p-Xylene	ND	0.078	EPA 8021	6-8-10	6-8-10	
o-Xylene	ND	0.078	EPA 8021	6-8-10	6-8-10	
Gasoline	ND	7.8	NWTPH-Gx	6-8-10	6-8-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	96	55-127				
Client ID:	WSP-DUP-052510					
Laboratory ID:	05-213-03					
Benzene	ND	0.020	EPA 8021	6-8-10	6-8-10	
Toluene	ND	0.081	EPA 8021	6-8-10	6-8-10	
Ethyl Benzene	ND	0.081	EPA 8021	6-8-10	6-8-10	
m,p-Xylene	ND	0.081	EPA 8021	6-8-10	6-8-10	
o-Xylene	ND	0.081	EPA 8021	6-8-10	6-8-10	
Gasoline	11	8.1	NWTPH-Gx	6-8-10	6-8-10	Z
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	101	55-127				

Date of Report: June 14, 2010
 Samples Submitted: May 27, 2010
 Laboratory Reference: 1005-213
 Project: WSP-RI/FS

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0608S1					
Benzene	ND	0.020	EPA 8021	6-8-10	6-8-10	
Toluene	ND	0.050	EPA 8021	6-8-10	6-8-10	
Ethyl Benzene	ND	0.050	EPA 8021	6-8-10	6-8-10	
m,p-Xylene	ND	0.050	EPA 8021	6-8-10	6-8-10	
o-Xylene	ND	0.050	EPA 8021	6-8-10	6-8-10	
Gasoline	ND	5.0	NWTPH-Gx	6-8-10	6-8-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	91	55-127				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	05-188-08							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	30	
Toluene	ND	ND	NA	NA	NA	NA	30	
Ethyl Benzene	ND	ND	NA	NA	NA	NA	30	
m,p-Xylene	ND	ND	NA	NA	NA	NA	30	
o-Xylene	ND	ND	NA	NA	NA	NA	30	
Gasoline	ND	ND	NA	NA	NA	NA	30	
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				96	96	55-127		

SPIKE BLANKS

Laboratory ID:	SB0608S1								
	SB	SBD	SB	SBD	SB	SBD			
Benzene	1.04	1.02	1.00	1.00	104	102	75-113	2	9
Toluene	1.03	1.01	1.00	1.00	103	101	75-116	2	10
Ethyl Benzene	1.03	1.01	1.00	1.00	103	101	82-117	2	10
m,p-Xylene	1.01	0.990	1.00	1.00	101	99	81-122	2	10
o-Xylene	1.02	0.991	1.00	1.00	102	99	83-118	3	10
<i>Surrogate:</i>									
<i>Fluorobenzene</i>					95	93	55-127		

Date of Report: June 14, 2010
 Samples Submitted: May 27, 2010
 Laboratory Reference: 1005-213
 Project: WSP-RI/FS

NWTPH-Dx

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Date Prepared	Date Analyzed	Flags
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Lab ID: 05-213-02

Client ID: WSP-01-16-TP-12

Diesel Range	ND	30	6-8-10	6-8-10	Y
Lube Oil Range	ND	60	6-8-10	6-8-10	Y
Surrogate: o-terphenyl	83%	50-150			

Lab ID: 05-213-03

Client ID: WSP-DUP-052510

Diesel Range	ND	30	6-8-10	6-8-10	Y
Lube Oil Range	ND	60	6-8-10	6-8-10	Y
Surrogate: o-terphenyl	88%	50-150			

Date of Report: June 14, 2010
Samples Submitted: May 27, 2010
Laboratory Reference: 1005-213
Project: WSP-RI/FS

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 6-8-10
Date Analyzed: 6-8-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0608S1

Diesel Range: **ND**

PQL: 25

Identification: ---

Lube Oil Range: **ND**

PQL: 50

Identification: ---

Surrogate Recovery

o-Terphenyl: 94%

Flags: Y

Date of Report: June 14, 2010
Samples Submitted: May 27, 2010
Laboratory Reference: 1005-213
Project: WSP-RI/FS

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 6-8-10
Date Analyzed: 6-8-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-213-02 05-213-02 DUP

Diesel Range: **ND** **ND**
PQL: 25 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 83% 85%

Flags: Y Y

Date of Report: June 14, 2010
 Samples Submitted: May 27, 2010
 Laboratory Reference: 1005-213
 Project: WSP-RI/FS

PAHs by EPA 8270D/SIM

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-01-16-TP-12					
Laboratory ID:	05-213-02					
Naphthalene	0.0083	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
2-Methylnaphthalene	0.014	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
1-Methylnaphthalene	0.011	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Acenaphthylene	ND	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Acenaphthene	ND	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Fluorene	ND	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Phenanthrene	0.079	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Anthracene	0.014	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Fluoranthene	0.11	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Pyrene	0.11	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[a]anthracene	0.050	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Chrysene	0.062	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[b]fluoranthene	0.041	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[k]fluoranthene	0.043	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[a]pyrene	0.059	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Indeno(1,2,3-c,d)pyrene	0.032	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Dibenz[a,h]anthracene	0.012	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[g,h,i]perylene	0.037	0.0081	EPA 8270/SIM	6-8-10	6-8-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>80</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>86</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>86</i>	<i>41 - 106</i>				

Date of Report: June 14, 2010
 Samples Submitted: May 27, 2010
 Laboratory Reference: 1005-213
 Project: WSP-RI/FS

PAHs by EPA 8270D/SIM

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-DUP-052510					
Laboratory ID:	05-213-03					
Naphthalene	0.030	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
2-Methylnaphthalene	0.043	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
1-Methylnaphthalene	0.044	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Acenaphthylene	ND	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Acenaphthene	0.11	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Fluorene	0.11	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Phenanthrene	0.63	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Anthracene	0.19	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Fluoranthene	0.65	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Pyrene	0.62	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[a]anthracene	0.32	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Chrysene	0.35	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[b]fluoranthene	0.20	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[k]fluoranthene	0.24	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[a]pyrene	0.31	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Indeno(1,2,3-c,d)pyrene	0.15	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Dibenz[a,h]anthracene	0.067	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[g,h,i]perylene	0.16	0.0080	EPA 8270/SIM	6-8-10	6-8-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>78</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>83</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>89</i>	<i>41 - 106</i>				

Date of Report: June 14, 2010
 Samples Submitted: May 27, 2010
 Laboratory Reference: 1005-213
 Project: WSP-RI/FS

**PAHs by EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0608S1					
Naphthalene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
2-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
1-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Acenaphthylene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Acenaphthene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Fluorene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Phenanthrene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Anthracene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Fluoranthene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Pyrene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Chrysene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[k]fluoranthene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Indeno(1,2,3-c,d)pyrene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270/SIM	6-8-10	6-8-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>76</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>87</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>89</i>	<i>41 - 106</i>				

Date of Report: June 14, 2010
 Samples Submitted: May 27, 2010
 Laboratory Reference: 1005-213
 Project: WSP-RI/FS

**PAHs by EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					SB	SBD	Limits	RPD	Limit	
SPIKE BLANKS										
Laboratory ID:	SB0608S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	0.0640	0.0649	0.0833	0.0833	77	78	33 - 105	1	30	
Acenaphthylene	0.0711	0.0705	0.0833	0.0833	85	85	51 - 110	1	22	
Acenaphthene	0.0708	0.0706	0.0833	0.0833	85	85	51 - 105	0	20	
Fluorene	0.0754	0.0749	0.0833	0.0833	91	90	61 - 107	1	17	
Phenanthrene	0.0741	0.0735	0.0833	0.0833	89	88	61 - 106	1	12	
Anthracene	0.0664	0.0648	0.0833	0.0833	80	78	59 - 106	2	12	
Fluoranthene	0.0795	0.0787	0.0833	0.0833	95	94	66 - 116	1	12	
Pyrene	0.0859	0.0814	0.0833	0.0833	103	98	67 - 118	5	14	
Benzo[a]anthracene	0.0765	0.0749	0.0833	0.0833	92	90	60 - 114	2	11	
Chrysene	0.0759	0.0751	0.0833	0.0833	91	90	64 - 112	1	12	
Benzo[b]fluoranthene	0.0768	0.0742	0.0833	0.0833	92	89	61 - 123	3	14	
Benzo[k]fluoranthene	0.0724	0.0707	0.0833	0.0833	87	85	50 - 124	2	17	
Benzo[a]pyrene	0.0681	0.0657	0.0833	0.0833	82	79	50 - 114	4	17	
Indeno(1,2,3-c,d)pyrene	0.0833	0.0819	0.0833	0.0833	100	98	56 - 122	2	16	
Dibenz[a,h]anthracene	0.0848	0.0838	0.0833	0.0833	102	101	57 - 124	1	16	
Benzo[g,h,i]perylene	0.0827	0.0820	0.0833	0.0833	99	98	56 - 121	1	15	
<i>Surrogate:</i>										
2-Fluorobiphenyl					80	80	45 - 101			
Pyrene-d10					93	92	52 - 118			
Terphenyl-d14					97	89	41 - 106			

Date of Report: June 14, 2010
 Samples Submitted: May 27, 2010
 Laboratory Reference: 1005-213
 Project: WSP-RI/FS

**TOTAL METALS
 EPA 6010B/7471A**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	05-213-02					
Client ID:	WSP-01-16-TP-12					
Arsenic	ND	12	6010B	6-11-10	6-11-10	
Cadmium	ND	0.60	6010B	6-11-10	6-11-10	
Chromium	16	0.60	6010B	6-11-10	6-11-10	
Copper	41	1.2	6010B	6-11-10	6-11-10	
Lead	240	6.0	6010B	6-11-10	6-11-10	
Manganese	390	0.60	6010B	6-11-10	6-11-10	
Mercury	ND	0.30	7471A	6-10-10	6-10-10	

Lab ID:	05-213-03					
Client ID:	WSP-DUP-1052510					
Arsenic	ND	12	6010B	6-11-10	6-11-10	
Cadmium	ND	0.60	6010B	6-11-10	6-11-10	
Chromium	16	0.60	6010B	6-11-10	6-11-10	
Copper	39	1.2	6010B	6-11-10	6-11-10	
Lead	170	6.0	6010B	6-11-10	6-11-10	
Manganese	390	0.60	6010B	6-11-10	6-11-10	
Mercury	ND	0.30	7471A	6-10-10	6-10-10	

Date of Report: June 14, 2010
Samples Submitted: May 27, 2010
Laboratory Reference: 1005-213
Project: WSP-RI/FS

**TOTAL METALS
EPA 6010B
METHOD BLANK QUALITY CONTROL**

Date Extracted: 6-11-10
Date Analyzed: 6-11-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0611S1

Analyte	Method	Result	PQL
Arsenic	6010B	ND	10
Cadmium	6010B	ND	0.50
Chromium	6010B	ND	0.50
Copper	6010B	ND	1.0
Lead	6010B	ND	5.0
Manganese	6010B	ND	0.50

Date of Report: June 14, 2010
Samples Submitted: May 27, 2010
Laboratory Reference: 1005-213
Project: WSP-RI/FS

**MERCURY by
EPA 7471A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 6-10-10
Date Analyzed: 6-10-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0610S1

Analyte	Method	Result	PQL
Mercury	7471A	ND	0.25

Date of Report: June 14, 2010
 Samples Submitted: May 27, 2010
 Laboratory Reference: 1005-213
 Project: WSP-RI/FS

**TOTAL METALS
 EPA 6010B
 DUPLICATE QUALITY CONTROL**

Date Extracted: 6-11-10
 Date Analyzed: 6-11-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: 05-233-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	10	
Cadmium	ND	ND	NA	0.50	
Chromium	11.1	11.2	1	0.50	
Copper	21.5	20.9	3	1.0	
Lead	20.6	18.2	12	5.0	
Manganese	435	459	5	0.50	

Date of Report: June 14, 2010
Samples Submitted: May 27, 2010
Laboratory Reference: 1005-213
Project: WSP-RI/FS

**MERCURY by
EPA 7471A
DUPLICATE QUALITY CONTROL**

Date Extracted: 6-10-10

Date Analyzed: 6-10-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 06-046-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	ND	ND	NA	0.25	

Date of Report: June 14, 2010
 Samples Submitted: May 27, 2010
 Laboratory Reference: 1005-213
 Project: WSP-RI/FS

**TOTAL METALS
 EPA 6010B
 MS/MSD QUALITY CONTROL**

Date Extracted: 6-11-10

Date Analyzed: 6-11-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-233-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	102	102	103	103	1	
Cadmium	50	48.2	96	48.2	96	0	
Chromium	100	105	94	105	94	1	
Copper	50	73.0	103	71.9	101	2	
Lead	250	254	94	251	92	1	
Manganese	100	551	116	545	110	1	

Date of Report: June 14, 2010
Samples Submitted: May 27, 2010
Laboratory Reference: 1005-213
Project: WSP-RI/FS

**MERCURY by
EPA 7471A
MS/MSD QUALITY CONTROL**

Date Extracted: 6-10-10

Date Analyzed: 6-10-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 06-046-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	0.50	0.495	99	0.489	98	1	

Date of Report: June 14, 2010
Samples Submitted: May 27, 2010
Laboratory Reference: 1005-213
Project: WSP-RI/FS

% MOISTURE

Date Analyzed: 5-27-10

Client ID	Lab ID	% Moisture
WSP-01-16-TP-12	05-213-02	17
WSP-DUP-052510	05-213-03	17



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z - The NWTPH-Gx result is mainly attributed to a single peak.

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



OnSite Environmental Inc.
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Turnaround Request
(in working days)

(Check One)

- Same Day 1 Day
 2 Day 3 Day
 Standard (7 working days)
 (TPH analysis 5 working days)
 _____ (other)

Laboratory Number:

05-213

Requested Analysis

Company: **PARAMETRIX**
 Project Number: **5**
 Project Name: **WSP-GR/FS**
 Project Manager: **Mikes Madigan - Para - Sumner**
 Sampled by: **Vance Atkins - Para**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B'	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	MTCA Metals + Cu, Mn	% Moisture	
1	WSP-01-14-TR-18	5/27/10	1015	S	6																
2	WSP-01-16-TR-12	↓	1200	L	6																
3	WSP-DWP-052510	↑	1000	L	6																

Relinquished by	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by	<i>Carl</i>	Para	5/27/10	1200	Requested 6/3/10 JB
Received by	<i>Mikes</i>	OSE	5/27/10	1000	
Relinquished by					
Received by					
Relinquished by					
Received by					
Reviewed by/Date					Chromatograms with final report <input type="checkbox"/>



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June 16, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project WSP - RI/FS
Laboratory Reference No. 1005-233

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on May 29, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: June 16, 2010
Samples Submitted: May 29, 2010
Laboratory Reference: 1005-233
Project: WSP - RI/FS

Case Narrative

Samples were collected on May 27 and 28, 2010 and received by the laboratory on June 29, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx and Volatiles EPA 8260B Analysis

Per EPA method 5035A, samples were received by the laboratory in pre-weighed 40 ml VOA vials preserved with either Methanol or Sodium Bisulfate.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

PAHs EPA 8270D/SIM Analysis

Sample MS/MSD pair had several recoveries fall outside of control limits believed to be caused by sample matrix. The SB/SBD pair extracted with this batch had all parameters in control, no further action was deemed necessary. Both sets of data are reported.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: June 16, 2010
Samples Submitted: May 29, 2010
Laboratory Reference: 1005-233
Project: WSP - RI/FS

NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-06-01-SB-04					
Laboratory ID:	05-233-12					
Gasoline	ND	6.4	NWTPH-Gx	6-10-10	6-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	95	55-127				

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0610S1					
Gasoline	ND	5.0	NWTPH-Gx	6-10-10	6-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	94	55-127				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	05-233-12							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	30	
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				95	96	55-127		

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

NWTPH-Dx

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Date		Flags
			Prepared	Analyzed	

Lab ID: 05-233-05

Client ID: WSP-03-01-SB-04

Diesel Range	ND	31	6-10-10	6-10-10	Y
Lube Oil Range	ND	62	6-10-10	6-10-10	Y
Surrogate: o-terphenyl	80%	50-150			

Lab ID: 05-233-12

Client ID: WSP-06-01-SB-04

Diesel Range Organics	38	29	6-10-10	6-10-10	Y
Lube Oil	190	57	6-10-10	6-10-10	Y
Surrogate: o-terphenyl	83%	50-150			

Lab ID: 05-233-23

Client ID: WSP-02-02-SB-12

Diesel Range	ND	28	6-10-10	6-10-10	Y
Lube Oil Range	ND	56	6-10-10	6-10-10	Y
Surrogate: o-terphenyl	95%	50-150			

Lab ID: 05-233-24

Client ID: WSP-02-02-SB-16

Diesel Range	ND	30	6-10-10	6-10-10	Y
Lube Oil Range	ND	60	6-10-10	6-10-10	Y
Surrogate: o-terphenyl	102%	50-150			

Lab ID: 05-233-25

Client ID: WSP-02-02-SB-20

Diesel Range	ND	30	6-10-10	6-10-10	Y
Lube Oil Range	ND	60	6-10-10	6-10-10	Y
Surrogate: o-terphenyl	95%	50-150			

Date of Report: June 16, 2010
Samples Submitted: May 29, 2010
Laboratory Reference: 1005-233
Project: WSP - RI/FS

NWTPH-Dx
METHOD BLANK QUALITY CONTROL

Date Extracted: 6-10-10
Date Analyzed: 6-10-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0610S1

Diesel Range: **ND**

PQL: 25

Identification: ---

Lube Oil Range: **ND**

PQL: 50

Identification: ---

Surrogate Recovery

o-Terphenyl: 86%

Flags: Y

Date of Report: June 16, 2010
Samples Submitted: May 29, 2010
Laboratory Reference: 1005-233
Project: WSP - RI/FS

NWTPH-Dx
DUPLICATE QUALITY CONTROL

Date Extracted: 6-10-10
Date Analyzed: 6-10-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 05-233-24 05-233-24 DUP

Diesel Range: **ND** **ND**
PQL: 25 25

RPD: N/A

Surrogate Recovery
o-Terphenyl: 102% 102%

Flags: Y Y

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 6-10-10
 Date Analyzed: 6-10-10
 Matrix: Soil
 Units: mg/kg (ppm)
 Lab ID: 05-233-05
 Client ID: WSP-03-01-SB-04

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0014
Chloromethane	ND		0.0069
Vinyl Chloride	ND		0.0014
Bromomethane	ND		0.0014
Chloroethane	ND		0.0069
Trichlorofluoromethane	ND		0.0014
1,1-Dichloroethene	ND		0.0014
Acetone	0.059		0.0069
Iodomethane	ND		0.0069
Carbon Disulfide	ND		0.0014
Methylene Chloride	ND		0.0069
(trans) 1,2-Dichloroethene	ND		0.0014
Methyl t-Butyl Ether	ND		0.0014
1,1-Dichloroethane	ND		0.0014
Vinyl Acetate	ND		0.0069
2,2-Dichloropropane	ND		0.0014
(cis) 1,2-Dichloroethene	ND		0.0014
2-Butanone	0.0086		0.0069
Bromochloromethane	ND		0.0014
Chloroform	ND		0.0014
1,1,1-Trichloroethane	ND		0.0014
Carbon Tetrachloride	ND		0.0014
1,1-Dichloropropene	ND		0.0014
Benzene	ND		0.0014
1,2-Dichloroethane	ND		0.0014
Trichloroethene	ND		0.0014
1,2-Dichloropropane	ND		0.0014
Dibromomethane	ND		0.0014
Bromodichloromethane	ND		0.0014
2-Chloroethyl Vinyl Ether	ND		0.0069
(cis) 1,3-Dichloropropene	ND		0.0014
Methyl Isobutyl Ketone	ND		0.0069
Toluene	ND		0.0069
(trans) 1,3-Dichloropropene	ND		0.0014

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

VOLATILES by EPA 8260B
 Page 2 of 2

Lab ID: 05-233-05
 Client ID: WSP-03-01-SB-04

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0014
Tetrachloroethene	0.0025		0.0014
1,3-Dichloropropane	ND		0.0014
2-Hexanone	ND		0.0069
Dibromochloromethane	ND		0.0014
1,2-Dibromoethane	ND		0.0014
Chlorobenzene	ND		0.0014
1,1,1,2-Tetrachloroethane	ND		0.0014
Ethylbenzene	ND		0.0014
m,p-Xylene	ND		0.0027
o-Xylene	ND		0.0014
Styrene	ND		0.0014
Bromoform	ND		0.0014
Isopropylbenzene	ND		0.0014
Bromobenzene	ND		0.0014
1,1,2,2-Tetrachloroethane	ND		0.0014
1,2,3-Trichloropropane	ND		0.0014
n-Propylbenzene	ND		0.0014
2-Chlorotoluene	ND		0.0014
4-Chlorotoluene	ND		0.0014
1,3,5-Trimethylbenzene	ND		0.0014
tert-Butylbenzene	ND		0.0014
1,2,4-Trimethylbenzene	ND		0.0014
sec-Butylbenzene	ND		0.0014
1,3-Dichlorobenzene	ND		0.0014
p-Isopropyltoluene	ND		0.0014
1,4-Dichlorobenzene	ND		0.0014
1,2-Dichlorobenzene	ND		0.0014
n-Butylbenzene	ND		0.0014
1,2-Dibromo-3-chloropropane	ND		0.0069
1,2,4-Trichlorobenzene	ND		0.0014
Hexachlorobutadiene	ND		0.0069
Naphthalene	ND		0.0014
1,2,3-Trichlorobenzene	ND		0.0014

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	92	66-128
Toluene-d8	102	68-126
4-Bromofluorobenzene	91	53-134

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 6-10-10
 Date Analyzed: 6-10-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-233-12
Client ID: WSP-06-01-SB-04

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0061
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0061
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.059		0.0061
Iodomethane	ND		0.0061
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0061
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0061
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	0.0071		0.0061
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0061
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0061
Toluene	ND		0.0061
(trans) 1,3-Dichloropropene	ND		0.0012

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

VOLATILES by EPA 8260B
 Page 2 of 2

Lab ID: 05-233-12
 Client ID: WSP-06-01-SB-04

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	0.024		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0061
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0025
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0061
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0061
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	66-128
Toluene-d8	109	68-126
4-Bromofluorobenzene	102	53-134

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 6-10-10
 Date Analyzed: 6-10-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-233-18
Client ID: WSP-02-01-SB-08

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0066
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0066
Trichlorofluoromethane	ND		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	0.033		0.0066
Iodomethane	ND		0.0066
Carbon Disulfide	ND		0.0013
Methylene Chloride	ND		0.0066
(trans) 1,2-Dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0066
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	ND		0.0066
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	ND		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	ND		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0066
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0066
Toluene	ND		0.0066
(trans) 1,3-Dichloropropene	ND		0.0013

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

VOLATILES by EPA 8260B
 Page 2 of 2

Lab ID: 05-233-18
 Client ID: WSP-02-01-SB-08

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	ND		0.0013
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0066
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	ND		0.0013
m,p-Xylene	ND		0.0026
o-Xylene	ND		0.0013
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	ND		0.0013
Bromobenzene	ND		0.0013
1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	ND		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	ND		0.0013
tert-Butylbenzene	ND		0.0013
1,2,4-Trimethylbenzene	ND		0.0013
sec-Butylbenzene	ND		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	ND		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0066
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0066
Naphthalene	ND		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	98	66-128
Toluene-d8	114	68-126
4-Bromofluorobenzene	120	53-134

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
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 Project: WSP - RI/FS

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Date Extracted: 6-10-10
 Date Analyzed: 6-10-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-233-23
Client ID: WSP-02-02-SB-12

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0058
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0058
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.035		0.0058
Iodomethane	ND		0.0058
Carbon Disulfide	0.0015		0.0012
Methylene Chloride	ND		0.0058
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0058
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	ND		0.0058
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0058
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0058
Toluene	ND		0.0058
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 05-233-23
 Client ID: WSP-02-02-SB-12

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	ND		0.0012
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0058
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0023
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0058
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0058
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	107	66-128
Toluene-d8	117	68-126
4-Bromofluorobenzene	122	53-134

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
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 Project: WSP - RI/FS

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Date Extracted: 6-10-10
 Date Analyzed: 6-10-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-233-24
Client ID: WSP-02-02-SB-16

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0055
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0055
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.021		0.0055
Iodomethane	ND		0.0055
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0055
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0055
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	ND		0.0055
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0055
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0055
Toluene	ND		0.0055
(trans) 1,3-Dichloropropene	ND		0.0011

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Lab ID: 05-233-24
 Client ID: WSP-02-02-SB-16

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0055
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	ND		0.0011
m,p-Xylene	ND		0.0022
o-Xylene	ND		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	ND		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	ND		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	ND		0.0011
tert-Butylbenzene	ND		0.0011
1,2,4-Trimethylbenzene	ND		0.0011
sec-Butylbenzene	ND		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	ND		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0055
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0055
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	66-128
Toluene-d8	110	68-126
4-Bromofluorobenzene	119	53-134

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
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 Project: WSP - RI/FS

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Date Extracted: 6-10-10
 Date Analyzed: 6-10-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-233-25
Client ID: WSP-02-02-SB-20

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0011
Chloromethane	ND		0.0057
Vinyl Chloride	ND		0.0011
Bromomethane	ND		0.0011
Chloroethane	ND		0.0057
Trichlorofluoromethane	ND		0.0011
1,1-Dichloroethene	ND		0.0011
Acetone	0.035		0.0057
Iodomethane	ND		0.0057
Carbon Disulfide	ND		0.0011
Methylene Chloride	ND		0.0057
(trans) 1,2-Dichloroethene	ND		0.0011
Methyl t-Butyl Ether	ND		0.0011
1,1-Dichloroethane	ND		0.0011
Vinyl Acetate	ND		0.0057
2,2-Dichloropropane	ND		0.0011
(cis) 1,2-Dichloroethene	ND		0.0011
2-Butanone	ND		0.0057
Bromochloromethane	ND		0.0011
Chloroform	ND		0.0011
1,1,1-Trichloroethane	ND		0.0011
Carbon Tetrachloride	ND		0.0011
1,1-Dichloropropene	ND		0.0011
Benzene	ND		0.0011
1,2-Dichloroethane	ND		0.0011
Trichloroethene	ND		0.0011
1,2-Dichloropropane	ND		0.0011
Dibromomethane	ND		0.0011
Bromodichloromethane	ND		0.0011
2-Chloroethyl Vinyl Ether	ND		0.0057
(cis) 1,3-Dichloropropene	ND		0.0011
Methyl Isobutyl Ketone	ND		0.0057
Toluene	ND		0.0057
(trans) 1,3-Dichloropropene	ND		0.0011

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Lab ID: 05-233-25
 Client ID: WSP-02-02-SB-20

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0011
Tetrachloroethene	ND		0.0011
1,3-Dichloropropane	ND		0.0011
2-Hexanone	ND		0.0057
Dibromochloromethane	ND		0.0011
1,2-Dibromoethane	ND		0.0011
Chlorobenzene	ND		0.0011
1,1,1,2-Tetrachloroethane	ND		0.0011
Ethylbenzene	ND		0.0011
m,p-Xylene	ND		0.0023
o-Xylene	ND		0.0011
Styrene	ND		0.0011
Bromoform	ND		0.0011
Isopropylbenzene	ND		0.0011
Bromobenzene	ND		0.0011
1,1,2,2-Tetrachloroethane	ND		0.0011
1,2,3-Trichloropropane	ND		0.0011
n-Propylbenzene	ND		0.0011
2-Chlorotoluene	ND		0.0011
4-Chlorotoluene	ND		0.0011
1,3,5-Trimethylbenzene	ND		0.0011
tert-Butylbenzene	ND		0.0011
1,2,4-Trimethylbenzene	ND		0.0011
sec-Butylbenzene	ND		0.0011
1,3-Dichlorobenzene	ND		0.0011
p-Isopropyltoluene	ND		0.0011
1,4-Dichlorobenzene	ND		0.0011
1,2-Dichlorobenzene	ND		0.0011
n-Butylbenzene	ND		0.0011
1,2-Dibromo-3-chloropropane	ND		0.0057
1,2,4-Trichlorobenzene	ND		0.0011
Hexachlorobutadiene	ND		0.0057
Naphthalene	ND		0.0011
1,2,3-Trichlorobenzene	ND		0.0011

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	110	66-128
Toluene-d8	126	68-126
4-Bromofluorobenzene	131	53-134

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
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 Project: WSP - RI/FS

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Date Extracted: 6-10-10
 Date Analyzed: 6-10-10
 Matrix: Soil
 Units: mg/kg (ppm)
 Lab ID: 05-233-42
Client ID: WSP-02-09-SB-04

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0012
Chloromethane	ND		0.0061
Vinyl Chloride	ND		0.0012
Bromomethane	ND		0.0012
Chloroethane	ND		0.0061
Trichlorofluoromethane	ND		0.0012
1,1-Dichloroethene	ND		0.0012
Acetone	0.073		0.0061
Iodomethane	ND		0.0061
Carbon Disulfide	ND		0.0012
Methylene Chloride	ND		0.0061
(trans) 1,2-Dichloroethene	ND		0.0012
Methyl t-Butyl Ether	ND		0.0012
1,1-Dichloroethane	ND		0.0012
Vinyl Acetate	ND		0.0061
2,2-Dichloropropane	ND		0.0012
(cis) 1,2-Dichloroethene	ND		0.0012
2-Butanone	0.0085		0.0061
Bromochloromethane	ND		0.0012
Chloroform	ND		0.0012
1,1,1-Trichloroethane	ND		0.0012
Carbon Tetrachloride	ND		0.0012
1,1-Dichloropropene	ND		0.0012
Benzene	ND		0.0012
1,2-Dichloroethane	ND		0.0012
Trichloroethene	ND		0.0012
1,2-Dichloropropane	ND		0.0012
Dibromomethane	ND		0.0012
Bromodichloromethane	ND		0.0012
2-Chloroethyl Vinyl Ether	ND		0.0061
(cis) 1,3-Dichloropropene	ND		0.0012
Methyl Isobutyl Ketone	ND		0.0061
Toluene	ND		0.0061
(trans) 1,3-Dichloropropene	ND		0.0012

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Lab ID: 05-233-42
 Client ID: WSP-02-09-SB-04

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0012
Tetrachloroethene	1.6		0.070
1,3-Dichloropropane	ND		0.0012
2-Hexanone	ND		0.0061
Dibromochloromethane	ND		0.0012
1,2-Dibromoethane	ND		0.0012
Chlorobenzene	ND		0.0012
1,1,1,2-Tetrachloroethane	ND		0.0012
Ethylbenzene	ND		0.0012
m,p-Xylene	ND		0.0024
o-Xylene	ND		0.0012
Styrene	ND		0.0012
Bromoform	ND		0.0012
Isopropylbenzene	ND		0.0012
Bromobenzene	ND		0.0012
1,1,1,2,2-Tetrachloroethane	ND		0.0012
1,2,3-Trichloropropane	ND		0.0012
n-Propylbenzene	ND		0.0012
2-Chlorotoluene	ND		0.0012
4-Chlorotoluene	ND		0.0012
1,3,5-Trimethylbenzene	ND		0.0012
tert-Butylbenzene	ND		0.0012
1,2,4-Trimethylbenzene	ND		0.0012
sec-Butylbenzene	ND		0.0012
1,3-Dichlorobenzene	ND		0.0012
p-Isopropyltoluene	ND		0.0012
1,4-Dichlorobenzene	ND		0.0012
1,2-Dichlorobenzene	ND		0.0012
n-Butylbenzene	ND		0.0012
1,2-Dibromo-3-chloropropane	ND		0.0061
1,2,4-Trichlorobenzene	ND		0.0012
Hexachlorobutadiene	ND		0.0061
Naphthalene	ND		0.0012
1,2,3-Trichlorobenzene	ND		0.0012

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	99	66-128
Toluene-d8	115	68-126
4-Bromofluorobenzene	111	53-134

Date of Report: June 16, 2010
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Date Extracted: 6-10-10
 Date Analyzed: 6-10-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-233-44
Client ID: WSP-02-09-SB-12

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0063
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0063
Trichlorofluoromethane	ND		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	0.077		0.0063
Iodomethane	ND		0.0063
Carbon Disulfide	ND		0.0013
Methylene Chloride	ND		0.0063
(trans) 1,2-Dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0063
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	0.0088		0.0063
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	ND		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	0.0014		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0063
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0063
Toluene	ND		0.0063
(trans) 1,3-Dichloropropene	ND		0.0013

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Lab ID: 05-233-44
 Client ID: WSP-02-09-SB-12

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	12		0.077
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0063
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	ND		0.0013
m,p-Xylene	ND		0.0025
o-Xylene	ND		0.0013
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	ND		0.0013
Bromobenzene	ND		0.0013
1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	ND		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	ND		0.0013
tert-Butylbenzene	ND		0.0013
1,2,4-Trimethylbenzene	ND		0.0013
sec-Butylbenzene	ND		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	ND		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0063
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0063
Naphthalene	ND		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	103	66-128
Toluene-d8	119	68-126
4-Bromofluorobenzene	115	53-134

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
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Date Extracted: 6-10&11-10

Date Analyzed: 6-10&11-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-233-46

Client ID: WSP-DUP-052810

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0013
Chloromethane	ND		0.0067
Vinyl Chloride	ND		0.0013
Bromomethane	ND		0.0013
Chloroethane	ND		0.0067
Trichlorofluoromethane	ND		0.0013
1,1-Dichloroethene	ND		0.0013
Acetone	0.059		0.0067
Iodomethane	ND		0.0067
Carbon Disulfide	ND		0.0013
Methylene Chloride	ND		0.0067
(trans) 1,2-Dichloroethene	ND		0.0013
Methyl t-Butyl Ether	ND		0.0013
1,1-Dichloroethane	ND		0.0013
Vinyl Acetate	ND		0.0067
2,2-Dichloropropane	ND		0.0013
(cis) 1,2-Dichloroethene	ND		0.0013
2-Butanone	ND		0.0067
Bromochloromethane	ND		0.0013
Chloroform	ND		0.0013
1,1,1-Trichloroethane	ND		0.0013
Carbon Tetrachloride	ND		0.0013
1,1-Dichloropropene	ND		0.0013
Benzene	ND		0.0013
1,2-Dichloroethane	ND		0.0013
Trichloroethene	ND		0.0013
1,2-Dichloropropane	ND		0.0013
Dibromomethane	ND		0.0013
Bromodichloromethane	ND		0.0013
2-Chloroethyl Vinyl Ether	ND		0.0067
(cis) 1,3-Dichloropropene	ND		0.0013
Methyl Isobutyl Ketone	ND		0.0067
Toluene	ND		0.0067
(trans) 1,3-Dichloropropene	ND		0.0013

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
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Lab ID: 05-233-46
 Client ID: WSP-DUP-052810

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0013
Tetrachloroethene	3.0		0.073
1,3-Dichloropropane	ND		0.0013
2-Hexanone	ND		0.0067
Dibromochloromethane	ND		0.0013
1,2-Dibromoethane	ND		0.0013
Chlorobenzene	ND		0.0013
1,1,1,2-Tetrachloroethane	ND		0.0013
Ethylbenzene	ND		0.0013
m,p-Xylene	ND		0.0027
o-Xylene	ND		0.0013
Styrene	ND		0.0013
Bromoform	ND		0.0013
Isopropylbenzene	ND		0.0013
Bromobenzene	ND		0.0013
1,1,1,2,2-Tetrachloroethane	ND		0.0013
1,2,3-Trichloropropane	ND		0.0013
n-Propylbenzene	ND		0.0013
2-Chlorotoluene	ND		0.0013
4-Chlorotoluene	ND		0.0013
1,3,5-Trimethylbenzene	ND		0.0013
tert-Butylbenzene	ND		0.0013
1,2,4-Trimethylbenzene	ND		0.0013
sec-Butylbenzene	ND		0.0013
1,3-Dichlorobenzene	ND		0.0013
p-Isopropyltoluene	ND		0.0013
1,4-Dichlorobenzene	ND		0.0013
1,2-Dichlorobenzene	ND		0.0013
n-Butylbenzene	ND		0.0013
1,2-Dibromo-3-chloropropane	ND		0.0067
1,2,4-Trichlorobenzene	ND		0.0013
Hexachlorobutadiene	ND		0.0067
Naphthalene	ND		0.0013
1,2,3-Trichlorobenzene	ND		0.0013

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	66-128
Toluene-d8	111	68-126
4-Bromofluorobenzene	112	53-134

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

VOLATILES by EPA 8260B

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Date Extracted: 6-10-10
 Date Analyzed: 6-10-10

Matrix: Soil
 Units: mg/kg (ppm)

Lab ID: 05-233-51
Client ID: WSP-02-06-SB-04

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0015
Chloromethane	ND		0.0073
Vinyl Chloride	ND		0.0015
Bromomethane	ND		0.0015
Chloroethane	ND		0.0073
Trichlorofluoromethane	ND		0.0015
1,1-Dichloroethene	ND		0.0015
Acetone	0.055		0.0073
Iodomethane	ND		0.0073
Carbon Disulfide	ND		0.0015
Methylene Chloride	ND		0.0073
(trans) 1,2-Dichloroethene	ND		0.0015
Methyl t-Butyl Ether	ND		0.0015
1,1-Dichloroethane	ND		0.0015
Vinyl Acetate	ND		0.0073
2,2-Dichloropropane	ND		0.0015
(cis) 1,2-Dichloroethene	ND		0.0015
2-Butanone	ND		0.0073
Bromochloromethane	ND		0.0015
Chloroform	ND		0.0015
1,1,1-Trichloroethane	ND		0.0015
Carbon Tetrachloride	ND		0.0015
1,1-Dichloropropene	ND		0.0015
Benzene	ND		0.0015
1,2-Dichloroethane	ND		0.0015
Trichloroethene	ND		0.0015
1,2-Dichloropropane	ND		0.0015
Dibromomethane	ND		0.0015
Bromodichloromethane	ND		0.0015
2-Chloroethyl Vinyl Ether	ND		0.0073
(cis) 1,3-Dichloropropene	ND		0.0015
Methyl Isobutyl Ketone	ND		0.0073
Toluene	ND		0.0073
(trans) 1,3-Dichloropropene	ND		0.0015

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

VOLATILES by EPA 8260B
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Lab ID: 05-233-51
 Client ID: WSP-02-06-SB-04

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0015
Tetrachloroethene	0.0021		0.0015
1,3-Dichloropropane	ND		0.0015
2-Hexanone	ND		0.0073
Dibromochloromethane	ND		0.0015
1,2-Dibromoethane	ND		0.0015
Chlorobenzene	ND		0.0015
1,1,1,2-Tetrachloroethane	ND		0.0015
Ethylbenzene	ND		0.0015
m,p-Xylene	ND		0.0029
o-Xylene	ND		0.0015
Styrene	ND		0.0015
Bromoform	ND		0.0015
Isopropylbenzene	ND		0.0015
Bromobenzene	ND		0.0015
1,1,2,2-Tetrachloroethane	ND		0.0015
1,2,3-Trichloropropane	ND		0.0015
n-Propylbenzene	ND		0.0015
2-Chlorotoluene	ND		0.0015
4-Chlorotoluene	ND		0.0015
1,3,5-Trimethylbenzene	ND		0.0015
tert-Butylbenzene	ND		0.0015
1,2,4-Trimethylbenzene	ND		0.0015
sec-Butylbenzene	ND		0.0015
1,3-Dichlorobenzene	ND		0.0015
p-Isopropyltoluene	ND		0.0015
1,4-Dichlorobenzene	ND		0.0015
1,2-Dichlorobenzene	ND		0.0015
n-Butylbenzene	ND		0.0015
1,2-Dibromo-3-chloropropane	ND		0.0073
1,2,4-Trichlorobenzene	ND		0.0015
Hexachlorobutadiene	ND		0.0073
Naphthalene	ND		0.0015
1,2,3-Trichlorobenzene	ND		0.0015

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	101	66-128
Toluene-d8	116	68-126
4-Bromofluorobenzene	117	53-134

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

**VOLATILES by EPA 8260B
 METHOD BLANK QUALITY CONTROL**

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Date Extracted: 6-10-10
 Date Analyzed: 6-10-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0610S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
 Page 2 of 2

Lab ID: MB0610S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	66-128
Toluene-d8	115	68-126
4-Bromofluorobenzene	124	53-134

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

**VOLATILES by EPA 8260B
 METHOD BLANK QUALITY CONTROL**

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Date Extracted: 6-11-10
 Date Analyzed: 6-11-10

 Matrix: Soil
 Units: mg/kg (ppm)

 Lab ID: MB0611S1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.0010
Chloromethane	ND		0.0050
Vinyl Chloride	ND		0.0010
Bromomethane	ND		0.0010
Chloroethane	ND		0.0050
Trichlorofluoromethane	ND		0.0010
1,1-Dichloroethene	ND		0.0010
Acetone	ND		0.0050
Iodomethane	ND		0.0050
Carbon Disulfide	ND		0.0010
Methylene Chloride	ND		0.0050
(trans) 1,2-Dichloroethene	ND		0.0010
Methyl t-Butyl Ether	ND		0.0010
1,1-Dichloroethane	ND		0.0010
Vinyl Acetate	ND		0.0050
2,2-Dichloropropane	ND		0.0010
(cis) 1,2-Dichloroethene	ND		0.0010
2-Butanone	ND		0.0050
Bromochloromethane	ND		0.0010
Chloroform	ND		0.0010
1,1,1-Trichloroethane	ND		0.0010
Carbon Tetrachloride	ND		0.0010
1,1-Dichloropropene	ND		0.0010
Benzene	ND		0.0010
1,2-Dichloroethane	ND		0.0010
Trichloroethene	ND		0.0010
1,2-Dichloropropane	ND		0.0010
Dibromomethane	ND		0.0010
Bromodichloromethane	ND		0.0010
2-Chloroethyl Vinyl Ether	ND		0.0050
(cis) 1,3-Dichloropropene	ND		0.0010
Methyl Isobutyl Ketone	ND		0.0050
Toluene	ND		0.0050
(trans) 1,3-Dichloropropene	ND		0.0010

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
 Page 2 of 2

Lab ID: MB0611S1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.0010
Tetrachloroethene	ND		0.0010
1,3-Dichloropropane	ND		0.0010
2-Hexanone	ND		0.0050
Dibromochloromethane	ND		0.0010
1,2-Dibromoethane	ND		0.0010
Chlorobenzene	ND		0.0010
1,1,1,2-Tetrachloroethane	ND		0.0010
Ethylbenzene	ND		0.0010
m,p-Xylene	ND		0.0020
o-Xylene	ND		0.0010
Styrene	ND		0.0010
Bromoform	ND		0.0010
Isopropylbenzene	ND		0.0010
Bromobenzene	ND		0.0010
1,1,2,2-Tetrachloroethane	ND		0.0010
1,2,3-Trichloropropane	ND		0.0010
n-Propylbenzene	ND		0.0010
2-Chlorotoluene	ND		0.0010
4-Chlorotoluene	ND		0.0010
1,3,5-Trimethylbenzene	ND		0.0010
tert-Butylbenzene	ND		0.0010
1,2,4-Trimethylbenzene	ND		0.0010
sec-Butylbenzene	ND		0.0010
1,3-Dichlorobenzene	ND		0.0010
p-Isopropyltoluene	ND		0.0010
1,4-Dichlorobenzene	ND		0.0010
1,2-Dichlorobenzene	ND		0.0010
n-Butylbenzene	ND		0.0010
1,2-Dibromo-3-chloropropane	ND		0.0050
1,2,4-Trichlorobenzene	ND		0.0010
Hexachlorobutadiene	ND		0.0050
Naphthalene	ND		0.0010
1,2,3-Trichlorobenzene	ND		0.0010

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	100	66-128
Toluene-d8	115	68-126
4-Bromofluorobenzene	118	53-134

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 6-10-10

Date Analyzed: 6-10-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: SB0610S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0567	113	0.0579	116	70-130	
Benzene	0.0500	0.0517	103	0.0534	107	70-121	
Trichloroethene	0.0500	0.0444	89	0.0439	88	70-124	
Toluene	0.0500	0.0530	106	0.0540	108	70-123	
Chlorobenzene	0.0500	0.0502	100	0.0498	100	71-119	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	2	14	
Benzene	3	10	
Trichloroethene	1	12	
Toluene	2	12	
Chlorobenzene	1	9	

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 6-11-10

Date Analyzed: 6-11-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: SB0611S1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	0.0500	0.0597	119	0.0576	115	70-130	
Benzene	0.0500	0.0484	97	0.0470	94	70-121	
Trichloroethene	0.0500	0.0411	82	0.0414	83	70-124	
Toluene	0.0500	0.0502	100	0.0504	101	70-123	
Chlorobenzene	0.0500	0.0468	94	0.0463	93	71-119	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	3	14	
Benzene	3	10	
Trichloroethene	1	12	
Toluene	1	12	
Chlorobenzene	1	9	

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-03-01-SB-04					
Laboratory ID:	05-233-05					
n-Nitrosodimethylamine	ND	0.041	EPA 8270	6-10-10	6-15-10	
Pyridine	ND	0.41	EPA 8270	6-10-10	6-15-10	
Phenol	ND	0.041	EPA 8270	6-10-10	6-15-10	
Aniline	ND	0.041	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroethyl)ether	ND	0.041	EPA 8270	6-10-10	6-15-10	
2-Chlorophenol	ND	0.041	EPA 8270	6-10-10	6-15-10	
1,3-Dichlorobenzene	ND	0.041	EPA 8270	6-10-10	6-15-10	
1,4-Dichlorobenzene	ND	0.041	EPA 8270	6-10-10	6-15-10	
Benzyl alcohol	ND	0.041	EPA 8270	6-10-10	6-15-10	
1,2-Dichlorobenzene	ND	0.041	EPA 8270	6-10-10	6-15-10	
2-Methylphenol (o-Cresol)	ND	0.041	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroisopropyl)ether	ND	0.041	EPA 8270	6-10-10	6-15-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.041	EPA 8270	6-10-10	6-15-10	
n-Nitroso-di-n-propylamine	ND	0.041	EPA 8270	6-10-10	6-15-10	
Hexachloroethane	ND	0.041	EPA 8270	6-10-10	6-15-10	
Nitrobenzene	ND	0.041	EPA 8270	6-10-10	6-15-10	
Isophorone	ND	0.041	EPA 8270	6-10-10	6-15-10	
2-Nitrophenol	ND	0.041	EPA 8270	6-10-10	6-15-10	
2,4-Dimethylphenol	ND	1.0	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroethoxy)methane	ND	0.041	EPA 8270	6-10-10	6-15-10	
2,4-Dichlorophenol	ND	0.041	EPA 8270	6-10-10	6-15-10	
1,2,4-Trichlorobenzene	ND	0.041	EPA 8270	6-10-10	6-15-10	
Naphthalene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
4-Chloroaniline	ND	0.041	EPA 8270	6-10-10	6-15-10	
Hexachlorobutadiene	ND	0.041	EPA 8270	6-10-10	6-15-10	
4-Chloro-3-methylphenol	ND	0.041	EPA 8270	6-10-10	6-15-10	
2-Methylnaphthalene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
1-Methylnaphthalene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
Hexachlorocyclopentadiene	ND	0.041	EPA 8270	6-10-10	6-15-10	
2,4,6-Trichlorophenol	ND	0.041	EPA 8270	6-10-10	6-15-10	
2,3-Dichloroaniline	ND	0.041	EPA 8270	6-10-10	6-15-10	
2,4,5-Trichlorophenol	ND	0.041	EPA 8270	6-10-10	6-15-10	
2-Chloronaphthalene	ND	0.041	EPA 8270	6-10-10	6-15-10	
2-Nitroaniline	ND	0.041	EPA 8270	6-10-10	6-15-10	
1,4-Dinitrobenzene	ND	0.041	EPA 8270	6-10-10	6-15-10	
Dimethylphthalate	ND	0.041	EPA 8270	6-10-10	6-15-10	
1,3-Dinitrobenzene	ND	0.21	EPA 8270	6-10-10	6-15-10	
2,6-Dinitrotoluene	ND	0.041	EPA 8270	6-10-10	6-15-10	
1,2-Dinitrobenzene	ND	0.041	EPA 8270	6-10-10	6-15-10	
Acenaphthylene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
3-Nitroaniline	ND	0.041	EPA 8270	6-10-10	6-15-10	

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

SEMIVOLATILES by EPA 8270/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-03-01-SB-04					
Laboratory ID:	05-233-05					
2,4-Dinitrophenol	ND	0.21	EPA 8270	6-10-10	6-15-10	
Acenaphthene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
4-Nitrophenol	ND	0.041	EPA 8270	6-10-10	6-15-10	
2,4-Dinitrotoluene	ND	0.041	EPA 8270	6-10-10	6-15-10	
Dibenzofuran	ND	0.041	EPA 8270	6-10-10	6-15-10	
2,3,5,6-Tetrachlorophenol	ND	0.041	EPA 8270	6-10-10	6-15-10	
2,3,4,6-Tetrachlorophenol	ND	0.041	EPA 8270	6-10-10	6-15-10	
Diethylphthalate	ND	0.21	EPA 8270	6-10-10	6-15-10	
4-Chlorophenyl-phenylether	ND	0.041	EPA 8270	6-10-10	6-15-10	
4-Nitroaniline	ND	0.041	EPA 8270	6-10-10	6-15-10	
Fluorene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
4,6-Dinitro-2-methylphenol	ND	0.21	EPA 8270	6-10-10	6-15-10	
n-Nitrosodiphenylamine	ND	0.041	EPA 8270	6-10-10	6-15-10	
1,2-Diphenylhydrazine	ND	0.041	EPA 8270	6-10-10	6-15-10	
4-Bromophenyl-phenylether	ND	0.041	EPA 8270	6-10-10	6-15-10	
Hexachlorobenzene	ND	0.041	EPA 8270	6-10-10	6-15-10	
Pentachlorophenol	ND	0.21	EPA 8270	6-10-10	6-15-10	
Phenanthrene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
Anthracene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
Carbazole	ND	0.041	EPA 8270	6-10-10	6-15-10	
Di-n-butylphthalate	ND	0.041	EPA 8270	6-10-10	6-15-10	
Fluoranthene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
Benzidine	ND	0.41	EPA 8270	6-10-10	6-15-10	
Pyrene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
Butylbenzylphthalate	ND	0.041	EPA 8270	6-10-10	6-15-10	
bis-2-Ethylhexyladipate	ND	0.041	EPA 8270	6-10-10	6-15-10	
3,3'-Dichlorobenzidine	ND	0.41	EPA 8270	6-10-10	6-15-10	
Benzo[a]anthracene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
Chrysene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
bis(2-Ethylhexyl)phthalate	ND	0.041	EPA 8270	6-10-10	6-15-10	
Di-n-octylphthalate	ND	0.041	EPA 8270	6-10-10	6-15-10	
Benzo[b]fluoranthene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[k]fluoranthene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[a]pyrene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
Indeno[1,2,3-cd]pyrene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
Dibenz[a,h]anthracene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[g,h,i]perylene	ND	0.0083	EPA 8270/SIM	6-10-10	6-14-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>45</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>54</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>48</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>63</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>62</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>69</i>	<i>44 - 121</i>				

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-06-01-SB-04					
Laboratory ID:	05-233-12					
n-Nitrosodimethylamine	ND	0.038	EPA 8270	6-10-10	6-15-10	
Pyridine	ND	0.38	EPA 8270	6-10-10	6-15-10	
Phenol	ND	0.038	EPA 8270	6-10-10	6-15-10	
Aniline	ND	0.038	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroethyl)ether	ND	0.038	EPA 8270	6-10-10	6-15-10	
2-Chlorophenol	ND	0.038	EPA 8270	6-10-10	6-15-10	
1,3-Dichlorobenzene	ND	0.038	EPA 8270	6-10-10	6-15-10	
1,4-Dichlorobenzene	ND	0.038	EPA 8270	6-10-10	6-15-10	
Benzyl alcohol	ND	0.038	EPA 8270	6-10-10	6-15-10	
1,2-Dichlorobenzene	ND	0.038	EPA 8270	6-10-10	6-15-10	
2-Methylphenol (o-Cresol)	ND	0.038	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroisopropyl)ether	ND	0.038	EPA 8270	6-10-10	6-15-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.038	EPA 8270	6-10-10	6-15-10	
n-Nitroso-di-n-propylamine	ND	0.038	EPA 8270	6-10-10	6-15-10	
Hexachloroethane	ND	0.038	EPA 8270	6-10-10	6-15-10	
Nitrobenzene	ND	0.038	EPA 8270	6-10-10	6-15-10	
Isophorone	ND	0.038	EPA 8270	6-10-10	6-15-10	
2-Nitrophenol	ND	0.038	EPA 8270	6-10-10	6-15-10	
2,4-Dimethylphenol	ND	0.96	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroethoxy)methane	ND	0.038	EPA 8270	6-10-10	6-15-10	
2,4-Dichlorophenol	ND	0.038	EPA 8270	6-10-10	6-15-10	
1,2,4-Trichlorobenzene	ND	0.038	EPA 8270	6-10-10	6-15-10	
Naphthalene	0.020	0.0076	EPA 8270/SIM	6-10-10	6-14-10	
4-Chloroaniline	ND	0.038	EPA 8270	6-10-10	6-15-10	
Hexachlorobutadiene	ND	0.038	EPA 8270	6-10-10	6-15-10	
4-Chloro-3-methylphenol	ND	0.038	EPA 8270	6-10-10	6-15-10	
2-Methylnaphthalene	0.066	0.038	EPA 8270	6-10-10	6-15-10	
1-Methylnaphthalene	0.051	0.038	EPA 8270	6-10-10	6-15-10	
Hexachlorocyclopentadiene	ND	0.038	EPA 8270	6-10-10	6-15-10	
2,4,6-Trichlorophenol	ND	0.038	EPA 8270	6-10-10	6-15-10	
2,3-Dichloroaniline	ND	0.038	EPA 8270	6-10-10	6-15-10	
2,4,5-Trichlorophenol	ND	0.038	EPA 8270	6-10-10	6-15-10	
2-Chloronaphthalene	ND	0.038	EPA 8270	6-10-10	6-15-10	
2-Nitroaniline	ND	0.038	EPA 8270	6-10-10	6-15-10	
1,4-Dinitrobenzene	ND	0.038	EPA 8270	6-10-10	6-15-10	
Dimethylphthalate	ND	0.038	EPA 8270	6-10-10	6-15-10	
1,3-Dinitrobenzene	ND	0.19	EPA 8270	6-10-10	6-15-10	
2,6-Dinitrotoluene	ND	0.038	EPA 8270	6-10-10	6-15-10	
1,2-Dinitrobenzene	ND	0.038	EPA 8270	6-10-10	6-15-10	
Acenaphthylene	ND	0.0076	EPA 8270/SIM	6-10-10	6-14-10	
3-Nitroaniline	ND	0.038	EPA 8270	6-10-10	6-15-10	

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-06-01-SB-04					
Laboratory ID:	05-233-12					
2,4-Dinitrophenol	ND	0.19	EPA 8270	6-10-10	6-15-10	
Acenaphthene	ND	0.0076	EPA 8270/SIM	6-10-10	6-14-10	
4-Nitrophenol	ND	0.038	EPA 8270	6-10-10	6-15-10	
2,4-Dinitrotoluene	ND	0.038	EPA 8270	6-10-10	6-15-10	
Dibenzofuran	ND	0.038	EPA 8270	6-10-10	6-15-10	
2,3,5,6-Tetrachlorophenol	ND	0.038	EPA 8270	6-10-10	6-15-10	
2,3,4,6-Tetrachlorophenol	ND	0.038	EPA 8270	6-10-10	6-15-10	
Diethylphthalate	ND	0.19	EPA 8270	6-10-10	6-15-10	
4-Chlorophenyl-phenylether	ND	0.038	EPA 8270	6-10-10	6-15-10	
4-Nitroaniline	ND	0.038	EPA 8270	6-10-10	6-15-10	
Fluorene	ND	0.0076	EPA 8270/SIM	6-10-10	6-14-10	
4,6-Dinitro-2-methylphenol	ND	0.19	EPA 8270	6-10-10	6-15-10	
n-Nitrosodiphenylamine	ND	0.038	EPA 8270	6-10-10	6-15-10	
1,2-Diphenylhydrazine	ND	0.038	EPA 8270	6-10-10	6-15-10	
4-Bromophenyl-phenylether	ND	0.038	EPA 8270	6-10-10	6-15-10	
Hexachlorobenzene	ND	0.038	EPA 8270	6-10-10	6-15-10	
Pentachlorophenol	ND	0.19	EPA 8270	6-10-10	6-15-10	
Phenanthrene	0.073	0.038	EPA 8270	6-10-10	6-15-10	
Anthracene	0.012	0.0076	EPA 8270/SIM	6-10-10	6-14-10	
Carbazole	ND	0.038	EPA 8270	6-10-10	6-15-10	
Di-n-butylphthalate	ND	0.038	EPA 8270	6-10-10	6-15-10	
Fluoranthene	0.081	0.038	EPA 8270	6-10-10	6-15-10	
Benzidine	ND	0.38	EPA 8270	6-10-10	6-15-10	
Pyrene	0.086	0.038	EPA 8270	6-10-10	6-15-10	
Butylbenzylphthalate	ND	0.038	EPA 8270	6-10-10	6-15-10	
bis-2-Ethylhexyladipate	ND	0.038	EPA 8270	6-10-10	6-15-10	
3,3'-Dichlorobenzidine	ND	0.38	EPA 8270	6-10-10	6-15-10	
Benzo[a]anthracene	0.042	0.038	EPA 8270	6-10-10	6-15-10	
Chrysene	0.061	0.038	EPA 8270	6-10-10	6-15-10	
bis(2-Ethylhexyl)phthalate	ND	0.038	EPA 8270	6-10-10	6-15-10	
Di-n-octylphthalate	ND	0.038	EPA 8270	6-10-10	6-15-10	
Benzo[b]fluoranthene	0.039	0.038	EPA 8270	6-10-10	6-15-10	
Benzo[k]fluoranthene	0.044	0.038	EPA 8270	6-10-10	6-15-10	
Benzo[a]pyrene	0.044	0.038	EPA 8270	6-10-10	6-15-10	
Indeno[1,2,3-cd]pyrene	0.027	0.0076	EPA 8270/SIM	6-10-10	6-14-10	
Dibenz[a,h]anthracene	0.011	0.0076	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[g,h,i]perylene	0.034	0.0076	EPA 8270/SIM	6-10-10	6-14-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>49</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>64</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>57</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>72</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>66</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>77</i>	<i>44 - 121</i>				

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

SEMIVOLATILES by EPA 8270/SIM
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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-02-02-SB-12					
Laboratory ID:	05-233-23					
n-Nitrosodimethylamine	ND	0.037	EPA 8270	6-10-10	6-15-10	
Pyridine	ND	0.37	EPA 8270	6-10-10	6-15-10	
Phenol	ND	0.037	EPA 8270	6-10-10	6-15-10	
Aniline	ND	0.037	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroethyl)ether	ND	0.037	EPA 8270	6-10-10	6-15-10	
2-Chlorophenol	ND	0.037	EPA 8270	6-10-10	6-15-10	
1,3-Dichlorobenzene	ND	0.037	EPA 8270	6-10-10	6-15-10	
1,4-Dichlorobenzene	ND	0.037	EPA 8270	6-10-10	6-15-10	
Benzyl alcohol	ND	0.037	EPA 8270	6-10-10	6-15-10	
1,2-Dichlorobenzene	ND	0.037	EPA 8270	6-10-10	6-15-10	
2-Methylphenol (o-Cresol)	ND	0.037	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroisopropyl)ether	ND	0.037	EPA 8270	6-10-10	6-15-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.037	EPA 8270	6-10-10	6-15-10	
n-Nitroso-di-n-propylamine	ND	0.037	EPA 8270	6-10-10	6-15-10	
Hexachloroethane	ND	0.037	EPA 8270	6-10-10	6-15-10	
Nitrobenzene	ND	0.037	EPA 8270	6-10-10	6-15-10	
Isophorone	ND	0.037	EPA 8270	6-10-10	6-15-10	
2-Nitrophenol	ND	0.037	EPA 8270	6-10-10	6-15-10	
2,4-Dimethylphenol	ND	0.93	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroethoxy)methane	ND	0.037	EPA 8270	6-10-10	6-15-10	
2,4-Dichlorophenol	ND	0.037	EPA 8270	6-10-10	6-15-10	
1,2,4-Trichlorobenzene	ND	0.037	EPA 8270	6-10-10	6-15-10	
Naphthalene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
4-Chloroaniline	ND	0.037	EPA 8270	6-10-10	6-15-10	
Hexachlorobutadiene	ND	0.037	EPA 8270	6-10-10	6-15-10	
4-Chloro-3-methylphenol	ND	0.037	EPA 8270	6-10-10	6-15-10	
2-Methylnaphthalene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
1-Methylnaphthalene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
Hexachlorocyclopentadiene	ND	0.037	EPA 8270	6-10-10	6-15-10	
2,4,6-Trichlorophenol	ND	0.037	EPA 8270	6-10-10	6-15-10	
2,3-Dichloroaniline	ND	0.037	EPA 8270	6-10-10	6-15-10	
2,4,5-Trichlorophenol	ND	0.037	EPA 8270	6-10-10	6-15-10	
2-Chloronaphthalene	ND	0.037	EPA 8270	6-10-10	6-15-10	
2-Nitroaniline	ND	0.037	EPA 8270	6-10-10	6-15-10	
1,4-Dinitrobenzene	ND	0.037	EPA 8270	6-10-10	6-15-10	
Dimethylphthalate	ND	0.037	EPA 8270	6-10-10	6-15-10	
1,3-Dinitrobenzene	ND	0.19	EPA 8270	6-10-10	6-15-10	
2,6-Dinitrotoluene	ND	0.037	EPA 8270	6-10-10	6-15-10	
1,2-Dinitrobenzene	ND	0.037	EPA 8270	6-10-10	6-15-10	
Acenaphthylene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
3-Nitroaniline	ND	0.037	EPA 8270	6-10-10	6-15-10	

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-02-02-SB-12					
Laboratory ID:	05-233-23					
2,4-Dinitrophenol	ND	0.19	EPA 8270	6-10-10	6-15-10	
Acenaphthene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
4-Nitrophenol	ND	0.037	EPA 8270	6-10-10	6-15-10	
2,4-Dinitrotoluene	ND	0.037	EPA 8270	6-10-10	6-15-10	
Dibenzofuran	ND	0.037	EPA 8270	6-10-10	6-15-10	
2,3,5,6-Tetrachlorophenol	ND	0.037	EPA 8270	6-10-10	6-15-10	
2,3,4,6-Tetrachlorophenol	ND	0.037	EPA 8270	6-10-10	6-15-10	
Diethylphthalate	ND	0.19	EPA 8270	6-10-10	6-15-10	
4-Chlorophenyl-phenylether	ND	0.037	EPA 8270	6-10-10	6-15-10	
4-Nitroaniline	ND	0.037	EPA 8270	6-10-10	6-15-10	
Fluorene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
4,6-Dinitro-2-methylphenol	ND	0.19	EPA 8270	6-10-10	6-15-10	
n-Nitrosodiphenylamine	ND	0.037	EPA 8270	6-10-10	6-15-10	
1,2-Diphenylhydrazine	ND	0.037	EPA 8270	6-10-10	6-15-10	
4-Bromophenyl-phenylether	ND	0.037	EPA 8270	6-10-10	6-15-10	
Hexachlorobenzene	ND	0.037	EPA 8270	6-10-10	6-15-10	
Pentachlorophenol	ND	0.19	EPA 8270	6-10-10	6-15-10	
Phenanthrene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
Anthracene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
Carbazole	ND	0.037	EPA 8270	6-10-10	6-15-10	
Di-n-butylphthalate	ND	0.037	EPA 8270	6-10-10	6-15-10	
Fluoranthene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
Benzidine	ND	0.37	EPA 8270	6-10-10	6-15-10	
Pyrene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
Butylbenzylphthalate	ND	0.037	EPA 8270	6-10-10	6-15-10	
bis-2-Ethylhexyladipate	ND	0.037	EPA 8270	6-10-10	6-15-10	
3,3'-Dichlorobenzidine	ND	0.37	EPA 8270	6-10-10	6-15-10	
Benzo[a]anthracene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
Chrysene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
bis(2-Ethylhexyl)phthalate	ND	0.037	EPA 8270	6-10-10	6-15-10	
Di-n-octylphthalate	ND	0.037	EPA 8270	6-10-10	6-15-10	
Benzo[b]fluoranthene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[k]fluoranthene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[a]pyrene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
Indeno[1,2,3-cd]pyrene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
Dibenz[a,h]anthracene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[g,h,i]perylene	ND	0.0075	EPA 8270/SIM	6-10-10	6-14-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>68</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>71</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>67</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>67</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>64</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>70</i>	<i>44 - 121</i>				

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-02-02-SB-16					
Laboratory ID:	05-233-24					
n-Nitrosodimethylamine	ND	0.040	EPA 8270	6-10-10	6-15-10	
Pyridine	ND	0.40	EPA 8270	6-10-10	6-15-10	
Phenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
Aniline	ND	0.040	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroethyl)ether	ND	0.040	EPA 8270	6-10-10	6-15-10	
2-Chlorophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,3-Dichlorobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,4-Dichlorobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
Benzyl alcohol	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,2-Dichlorobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
2-Methylphenol (o-Cresol)	ND	0.040	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroisopropyl)ether	ND	0.040	EPA 8270	6-10-10	6-15-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.040	EPA 8270	6-10-10	6-15-10	
n-Nitroso-di-n-propylamine	ND	0.040	EPA 8270	6-10-10	6-15-10	
Hexachloroethane	ND	0.040	EPA 8270	6-10-10	6-15-10	
Nitrobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
Isophorone	ND	0.040	EPA 8270	6-10-10	6-15-10	
2-Nitrophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,4-Dimethylphenol	ND	1.0	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroethoxy)methane	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,4-Dichlorophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,2,4-Trichlorobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
Naphthalene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
4-Chloroaniline	ND	0.040	EPA 8270	6-10-10	6-15-10	
Hexachlorobutadiene	ND	0.040	EPA 8270	6-10-10	6-15-10	
4-Chloro-3-methylphenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
2-Methylnaphthalene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
1-Methylnaphthalene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
Hexachlorocyclopentadiene	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,4,6-Trichlorophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,3-Dichloroaniline	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,4,5-Trichlorophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
2-Chloronaphthalene	ND	0.040	EPA 8270	6-10-10	6-15-10	
2-Nitroaniline	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,4-Dinitrobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
Dimethylphthalate	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,3-Dinitrobenzene	ND	0.20	EPA 8270	6-10-10	6-15-10	
2,6-Dinitrotoluene	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,2-Dinitrobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
Acenaphthylene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
3-Nitroaniline	ND	0.040	EPA 8270	6-10-10	6-15-10	

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

SEMIVOLATILES by EPA 8270/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-02-02-SB-16					
Laboratory ID:	05-233-24					
2,4-Dinitrophenol	ND	0.20	EPA 8270	6-10-10	6-15-10	
Acenaphthene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
4-Nitrophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,4-Dinitrotoluene	ND	0.040	EPA 8270	6-10-10	6-15-10	
Dibenzofuran	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,3,5,6-Tetrachlorophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,3,4,6-Tetrachlorophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
Diethylphthalate	ND	0.20	EPA 8270	6-10-10	6-15-10	
4-Chlorophenyl-phenylether	ND	0.040	EPA 8270	6-10-10	6-15-10	
4-Nitroaniline	ND	0.040	EPA 8270	6-10-10	6-15-10	
Fluorene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
4,6-Dinitro-2-methylphenol	ND	0.20	EPA 8270	6-10-10	6-15-10	
n-Nitrosodiphenylamine	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,2-Diphenylhydrazine	ND	0.040	EPA 8270	6-10-10	6-15-10	
4-Bromophenyl-phenylether	ND	0.040	EPA 8270	6-10-10	6-15-10	
Hexachlorobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
Pentachlorophenol	ND	0.20	EPA 8270	6-10-10	6-15-10	
Phenanthrene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
Anthracene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
Carbazole	ND	0.040	EPA 8270	6-10-10	6-15-10	
Di-n-butylphthalate	ND	0.040	EPA 8270	6-10-10	6-15-10	
Fluoranthene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
Benzidine	ND	0.40	EPA 8270	6-10-10	6-15-10	
Pyrene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
Butylbenzylphthalate	ND	0.040	EPA 8270	6-10-10	6-15-10	
bis-2-Ethylhexyladipate	ND	0.040	EPA 8270	6-10-10	6-15-10	
3,3'-Dichlorobenzidine	ND	0.40	EPA 8270	6-10-10	6-15-10	
Benzo[a]anthracene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
Chrysene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
bis(2-Ethylhexyl)phthalate	ND	0.040	EPA 8270	6-10-10	6-15-10	
Di-n-octylphthalate	ND	0.040	EPA 8270	6-10-10	6-15-10	
Benzo[b]fluoranthene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[k]fluoranthene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[a]pyrene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
Indeno[1,2,3-cd]pyrene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
Dibenz[a,h]anthracene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[g,h,i]perylene	ND	0.0080	EPA 8270/SIM	6-10-10	6-14-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>68</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>70</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>67</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>66</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>64</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>73</i>	<i>44 - 121</i>				

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-02-02-SB-20					
Laboratory ID:	05-233-25					
n-Nitrosodimethylamine	ND	0.040	EPA 8270	6-10-10	6-15-10	
Pyridine	ND	0.40	EPA 8270	6-10-10	6-15-10	
Phenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
Aniline	ND	0.040	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroethyl)ether	ND	0.040	EPA 8270	6-10-10	6-15-10	
2-Chlorophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,3-Dichlorobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,4-Dichlorobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
Benzyl alcohol	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,2-Dichlorobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
2-Methylphenol (o-Cresol)	ND	0.040	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroisopropyl)ether	ND	0.040	EPA 8270	6-10-10	6-15-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.040	EPA 8270	6-10-10	6-15-10	
n-Nitroso-di-n-propylamine	ND	0.040	EPA 8270	6-10-10	6-15-10	
Hexachloroethane	ND	0.040	EPA 8270	6-10-10	6-15-10	
Nitrobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
Isophorone	ND	0.040	EPA 8270	6-10-10	6-15-10	
2-Nitrophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,4-Dimethylphenol	ND	1.0	EPA 8270	6-10-10	6-15-10	
bis(2-Chloroethoxy)methane	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,4-Dichlorophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,2,4-Trichlorobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
Naphthalene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
4-Chloroaniline	ND	0.040	EPA 8270	6-10-10	6-15-10	
Hexachlorobutadiene	ND	0.040	EPA 8270	6-10-10	6-15-10	
4-Chloro-3-methylphenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
2-Methylnaphthalene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
1-Methylnaphthalene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
Hexachlorocyclopentadiene	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,4,6-Trichlorophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,3-Dichloroaniline	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,4,5-Trichlorophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
2-Chloronaphthalene	ND	0.040	EPA 8270	6-10-10	6-15-10	
2-Nitroaniline	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,4-Dinitrobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
Dimethylphthalate	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,3-Dinitrobenzene	ND	0.20	EPA 8270	6-10-10	6-15-10	
2,6-Dinitrotoluene	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,2-Dinitrobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
Acenaphthylene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
3-Nitroaniline	ND	0.040	EPA 8270	6-10-10	6-15-10	

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-02-02-SB-20					
Laboratory ID:	05-233-25					
2,4-Dinitrophenol	ND	0.20	EPA 8270	6-10-10	6-15-10	
Acenaphthene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
4-Nitrophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,4-Dinitrotoluene	ND	0.040	EPA 8270	6-10-10	6-15-10	
Dibenzofuran	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,3,5,6-Tetrachlorophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
2,3,4,6-Tetrachlorophenol	ND	0.040	EPA 8270	6-10-10	6-15-10	
Diethylphthalate	ND	0.20	EPA 8270	6-10-10	6-15-10	
4-Chlorophenyl-phenylether	ND	0.040	EPA 8270	6-10-10	6-15-10	
4-Nitroaniline	ND	0.040	EPA 8270	6-10-10	6-15-10	
Fluorene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
4,6-Dinitro-2-methylphenol	ND	0.20	EPA 8270	6-10-10	6-15-10	
n-Nitrosodiphenylamine	ND	0.040	EPA 8270	6-10-10	6-15-10	
1,2-Diphenylhydrazine	ND	0.040	EPA 8270	6-10-10	6-15-10	
4-Bromophenyl-phenylether	ND	0.040	EPA 8270	6-10-10	6-15-10	
Hexachlorobenzene	ND	0.040	EPA 8270	6-10-10	6-15-10	
Pentachlorophenol	ND	0.20	EPA 8270	6-10-10	6-15-10	
Phenanthrene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
Anthracene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
Carbazole	ND	0.040	EPA 8270	6-10-10	6-15-10	
Di-n-butylphthalate	ND	0.040	EPA 8270	6-10-10	6-15-10	
Fluoranthene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
Benzidine	ND	0.40	EPA 8270	6-10-10	6-15-10	
Pyrene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
Butylbenzylphthalate	ND	0.040	EPA 8270	6-10-10	6-15-10	
bis-2-Ethylhexyladipate	ND	0.040	EPA 8270	6-10-10	6-15-10	
3,3'-Dichlorobenzidine	ND	0.40	EPA 8270	6-10-10	6-15-10	
Benzo[a]anthracene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
Chrysene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
bis(2-Ethylhexyl)phthalate	ND	0.040	EPA 8270	6-10-10	6-15-10	
Di-n-octylphthalate	ND	0.040	EPA 8270	6-10-10	6-15-10	
Benzo[b]fluoranthene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[k]fluoranthene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[a]pyrene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
Indeno[1,2,3-cd]pyrene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
Dibenz[a,h]anthracene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[g,h,i]perylene	ND	0.0081	EPA 8270/SIM	6-10-10	6-14-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>64</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>65</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>64</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>64</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>61</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>68</i>	<i>44 - 121</i>				

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
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 Project: WSP - RI/FS

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0610S1					
n-Nitrosodimethylamine	ND	0.033	EPA 8270	6-10-10	6-14-10	
Pyridine	ND	0.33	EPA 8270	6-10-10	6-14-10	
Phenol	ND	0.033	EPA 8270	6-10-10	6-14-10	
Aniline	ND	0.033	EPA 8270	6-10-10	6-14-10	
bis(2-Chloroethyl)ether	ND	0.033	EPA 8270	6-10-10	6-14-10	
2-Chlorophenol	ND	0.033	EPA 8270	6-10-10	6-14-10	
1,3-Dichlorobenzene	ND	0.033	EPA 8270	6-10-10	6-14-10	
1,4-Dichlorobenzene	ND	0.033	EPA 8270	6-10-10	6-14-10	
Benzyl alcohol	ND	0.033	EPA 8270	6-10-10	6-14-10	
1,2-Dichlorobenzene	ND	0.033	EPA 8270	6-10-10	6-14-10	
2-Methylphenol (o-Cresol)	ND	0.033	EPA 8270	6-10-10	6-14-10	
bis(2-Chloroisopropyl)ether	ND	0.033	EPA 8270	6-10-10	6-14-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.033	EPA 8270	6-10-10	6-14-10	
n-Nitroso-di-n-propylamine	ND	0.033	EPA 8270	6-10-10	6-14-10	
Hexachloroethane	ND	0.033	EPA 8270	6-10-10	6-14-10	
Nitrobenzene	ND	0.033	EPA 8270	6-10-10	6-14-10	
Isophorone	ND	0.033	EPA 8270	6-10-10	6-14-10	
2-Nitrophenol	ND	0.033	EPA 8270	6-10-10	6-14-10	
2,4-Dimethylphenol	ND	0.83	EPA 8270	6-10-10	6-14-10	
bis(2-Chloroethoxy)methane	ND	0.033	EPA 8270	6-10-10	6-14-10	
2,4-Dichlorophenol	ND	0.033	EPA 8270	6-10-10	6-14-10	
1,2,4-Trichlorobenzene	ND	0.033	EPA 8270	6-10-10	6-14-10	
Naphthalene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
4-Chloroaniline	ND	0.033	EPA 8270	6-10-10	6-14-10	
Hexachlorobutadiene	ND	0.033	EPA 8270	6-10-10	6-14-10	
4-Chloro-3-methylphenol	ND	0.033	EPA 8270	6-10-10	6-14-10	
2-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
1-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
Hexachlorocyclopentadiene	ND	0.033	EPA 8270	6-10-10	6-14-10	
2,4,6-Trichlorophenol	ND	0.033	EPA 8270	6-10-10	6-14-10	
2,3-Dichloroaniline	ND	0.033	EPA 8270	6-10-10	6-14-10	
2,4,5-Trichlorophenol	ND	0.033	EPA 8270	6-10-10	6-14-10	
2-Chloronaphthalene	ND	0.033	EPA 8270	6-10-10	6-14-10	
2-Nitroaniline	ND	0.033	EPA 8270	6-10-10	6-14-10	
1,4-Dinitrobenzene	ND	0.033	EPA 8270	6-10-10	6-14-10	
Dimethylphthalate	ND	0.033	EPA 8270	6-10-10	6-14-10	
1,3-Dinitrobenzene	ND	0.17	EPA 8270	6-10-10	6-14-10	
2,6-Dinitrotoluene	ND	0.033	EPA 8270	6-10-10	6-14-10	
1,2-Dinitrobenzene	ND	0.033	EPA 8270	6-10-10	6-14-10	
Acenaphthylene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
3-Nitroaniline	ND	0.033	EPA 8270	6-10-10	6-14-10	

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0610S1					
2,4-Dinitrophenol	ND	0.17	EPA 8270	6-10-10	6-14-10	
Acenaphthene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
4-Nitrophenol	ND	0.033	EPA 8270	6-10-10	6-14-10	
2,4-Dinitrotoluene	ND	0.033	EPA 8270	6-10-10	6-14-10	
Dibenzofuran	ND	0.033	EPA 8270	6-10-10	6-14-10	
2,3,5,6-Tetrachlorophenol	ND	0.033	EPA 8270	6-10-10	6-14-10	
2,3,4,6-Tetrachlorophenol	ND	0.033	EPA 8270	6-10-10	6-14-10	
Diethylphthalate	ND	0.17	EPA 8270	6-10-10	6-14-10	
4-Chlorophenyl-phenylether	ND	0.033	EPA 8270	6-10-10	6-14-10	
4-Nitroaniline	ND	0.033	EPA 8270	6-10-10	6-14-10	
Fluorene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
4,6-Dinitro-2-methylphenol	ND	0.17	EPA 8270	6-10-10	6-14-10	
n-Nitrosodiphenylamine	ND	0.033	EPA 8270	6-10-10	6-14-10	
1,2-Diphenylhydrazine	ND	0.033	EPA 8270	6-10-10	6-14-10	
4-Bromophenyl-phenylether	ND	0.033	EPA 8270	6-10-10	6-14-10	
Hexachlorobenzene	ND	0.033	EPA 8270	6-10-10	6-14-10	
Pentachlorophenol	ND	0.17	EPA 8270	6-10-10	6-14-10	
Phenanthrene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
Anthracene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
Carbazole	ND	0.033	EPA 8270	6-10-10	6-14-10	
Di-n-butylphthalate	ND	0.033	EPA 8270	6-10-10	6-14-10	
Fluoranthene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
Benzidine	ND	0.33	EPA 8270	6-10-10	6-14-10	
Pyrene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
Butylbenzylphthalate	ND	0.033	EPA 8270	6-10-10	6-14-10	
bis-2-Ethylhexyladipate	ND	0.033	EPA 8270	6-10-10	6-14-10	
3,3'-Dichlorobenzidine	ND	0.33	EPA 8270	6-10-10	6-14-10	
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
Chrysene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
bis(2-Ethylhexyl)phthalate	ND	0.033	EPA 8270	6-10-10	6-14-10	
Di-n-octylphthalate	ND	0.033	EPA 8270	6-10-10	6-14-10	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[k]fluoranthene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
Indeno[1,2,3-cd]pyrene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270/SIM	6-10-10	6-14-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>69</i>	<i>22 - 107</i>				
<i>Phenol-d6</i>	<i>71</i>	<i>28 - 116</i>				
<i>Nitrobenzene-d5</i>	<i>70</i>	<i>25 - 111</i>				
<i>2-Fluorobiphenyl</i>	<i>72</i>	<i>35 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>69</i>	<i>42 - 118</i>				
<i>Terphenyl-d14</i>	<i>81</i>	<i>44 - 121</i>				

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

**SEMIVOLATILES by EPA 8270D/SIM
 MS/MSD QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result		Spike Level		Source	Percent	Recovery	RPD		Flags
					Result	Recovery	Limits	RPD	Limit	
MATRIX SPIKES										
Laboratory ID:	05-233-23									
	MS	MSD	MS	MSD		MS	MSD			
Phenol	1.03	0.960	1.33	1.33	ND	77	72	31 - 111	7	27
2-Chlorophenol	1.16	1.10	1.33	1.33	ND	87	83	36 - 106	5	32
1,4-Dichlorobenzene	0.517	0.483	0.667	0.667	ND	78	72	25 - 96	7	42
n-Nitroso-di-n-propylamine	0.534	0.507	0.667	0.667	ND	80	76	37 - 107	5	36
1,2,4-Trichlorobenzene	0.480	0.455	0.667	0.667	ND	72	68	29 - 101	5	31
4-Chloro-3-methylphenol	1.13	1.13	1.33	1.33	ND	85	85	47 - 112	0	18
Acenaphthene	0.576	0.554	0.667	0.667	ND	86	83	43 - 104	4	19
4-Nitrophenol	1.23	1.22	1.33	1.33	ND	92	92	24 - 133	1	18
2,4-Dinitrotoluene	0.529	0.528	0.667	0.667	ND	79	79	42 - 117	0	19
Pentachlorophenol	1.23	1.23	1.33	1.33	ND	92	92	25 - 135	0	20
Pyrene	0.583	0.589	0.667	0.667	ND	87	88	29 - 129	1	29
<i>Surrogate:</i>										
<i>2-Fluorophenol</i>						<i>76</i>	<i>72</i>	<i>22 - 107</i>		
<i>Phenol-d6</i>						<i>75</i>	<i>71</i>	<i>28 - 116</i>		
<i>Nitrobenzene-d5</i>						<i>74</i>	<i>72</i>	<i>25 - 111</i>		
<i>2-Fluorobiphenyl</i>						<i>74</i>	<i>70</i>	<i>35 - 108</i>		
<i>2,4,6-Tribromophenol</i>						<i>69</i>	<i>68</i>	<i>42 - 118</i>		
<i>Terphenyl-d14</i>						<i>76</i>	<i>77</i>	<i>44 - 121</i>		

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

cPAHs by EPA 8270D/SIM

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-02-01-SB-04					
Laboratory ID:	05-233-01					
Benzo[a]anthracene	0.030	0.0079	EPA 8270/SIM	6-10-10	6-10-10	
Chrysene	0.041	0.0079	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[b]fluoranthene	0.042	0.0079	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[k]fluoranthene	0.035	0.0079	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[a]pyrene	0.044	0.0079	EPA 8270/SIM	6-10-10	6-10-10	
Indeno(1,2,3-c,d)pyrene	0.034	0.0079	EPA 8270/SIM	6-10-10	6-10-10	
Dibenz[a,h]anthracene	0.011	0.0079	EPA 8270/SIM	6-10-10	6-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>81</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>89</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>85</i>	<i>41 - 106</i>				

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

cPAHs by EPA 8270D/SIM

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-DUP-052710					
Laboratory ID:	05-233-16					
Benzo[a]anthracene	0.027	0.0078	EPA 8270/SIM	6-10-10	6-10-10	
Chrysene	0.029	0.0078	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[b]fluoranthene	0.024	0.0078	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[k]fluoranthene	0.022	0.0078	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[a]pyrene	0.032	0.0078	EPA 8270/SIM	6-10-10	6-10-10	
Indeno(1,2,3-c,d)pyrene	0.021	0.0078	EPA 8270/SIM	6-10-10	6-10-10	
Dibenz[a,h]anthracene	ND	0.0078	EPA 8270/SIM	6-10-10	6-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>71</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>77</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>73</i>	<i>41 - 106</i>				

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

**cPAHs by EPA 8270/SIM
 METHOD BLANK QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0610S2					
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Chrysene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[k]fluoranthene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Indeno(1,2,3-c,d)pyrene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	6-10-10	6-10-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>70</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>78</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>73</i>	<i>41 - 106</i>				

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

**cPAHs by EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					SB	SBD	Limits	RPD	Limit	
SPIKE BLANKS										
Laboratory ID:	SB0610S2									
	SB	SBD	SB	SBD	SB	SBD				
Benzo[a]anthracene	0.0733	0.0706	0.0833	0.0833	88	85	60 - 114	4	11	
Chrysene	0.0718	0.0691	0.0833	0.0833	86	83	64 - 112	4	12	
Benzo[b]fluoranthene	0.0739	0.0698	0.0833	0.0833	89	84	61 - 123	6	14	
Benzo[k]fluoranthene	0.0652	0.0653	0.0833	0.0833	78	78	50 - 124	0	17	
Benzo[a]pyrene	0.0706	0.0682	0.0833	0.0833	85	82	50 - 114	3	17	
Indeno(1,2,3-c,d)pyrene	0.0771	0.0763	0.0833	0.0833	93	92	56 - 122	1	16	
Dibenz[a,h]anthracene	0.0800	0.0779	0.0833	0.0833	96	94	57 - 124	3	16	
<i>Surrogate:</i>										
<i>2-Fluorobiphenyl</i>					<i>76</i>	<i>75</i>	<i>45 - 101</i>			
<i>Pyrene-d10</i>					<i>89</i>	<i>84</i>	<i>52 - 118</i>			
<i>Terphenyl-d14</i>					<i>83</i>	<i>86</i>	<i>41 - 106</i>			

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

**cPAHs by EPA 8270D/SIM
 MS/MSD QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	05-233-01										
	MS	MSD	MS	MSD		MS	MSD				
Benzo[a]anthracene	0.0853	0.107	0.0833	0.0833	0.0257	72	98	43 - 132	23	26	
Chrysene	0.0851	0.109	0.0833	0.0833	0.0343	61	90	46 - 126	25	24	L
Benzo[b]fluoranthene	0.0855	0.117	0.0833	0.0833	0.0356	60	98	44 - 134	31	24	L
Benzo[k]fluoranthene	0.0778	0.108	0.0833	0.0833	0.0297	58	94	45 - 132	33	20	L
Benzo[a]pyrene	0.0928	0.122	0.0833	0.0833	0.0374	67	102	36 - 136	27	23	L
Indeno(1,2,3-c,d)pyrene	0.0847	0.115	0.0833	0.0833	0.0290	67	103	40 - 136	30	16	L
Dibenz[a,h]anthracene	0.0769	0.0933	0.0833	0.0833	0.00916	81	101	40 - 142	19	13	L
<i>Surrogate:</i>											
<i>2-Fluorobiphenyl</i>						<i>68</i>	<i>77</i>	<i>45 - 101</i>			
<i>Pyrene-d10</i>						<i>74</i>	<i>86</i>	<i>52 - 118</i>			
<i>Terphenyl-d14</i>						<i>72</i>	<i>87</i>	<i>41 - 106</i>			

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

**TOTAL METALS
 EPA 6010B/7471A**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
<hr/>						
Lab ID:	05-233-01					
Client ID:	WSP-07-01-SB-04					
Arsenic	ND	12	6010B	6-11-10	6-11-10	
Cadmium	ND	0.59	6010B	6-11-10	6-11-10	
Chromium	13	0.59	6010B	6-11-10	6-11-10	
Copper	25	1.2	6010B	6-11-10	6-11-10	
Lead	24	5.9	6010B	6-11-10	6-11-10	
Manganese	520	5.9	6010B	6-11-10	6-11-10	
Mercury	ND	0.30	7471A	6-15-10	6-15-10	
<hr/>						
Lab ID:	05-233-12					
Client ID:	WSP-06-01-SB-04					
Arsenic	ND	11	6010B	6-11-10	6-11-10	
Cadmium	ND	0.57	6010B	6-11-10	6-11-10	
Chromium	12	0.57	6010B	6-11-10	6-11-10	
Copper	24	1.1	6010B	6-11-10	6-11-10	
Lead	18	5.7	6010B	6-11-10	6-11-10	
Manganese	450	0.57	6010B	6-11-10	6-11-10	
Mercury	ND	0.29	7471A	6-15-10	6-15-10	
<hr/>						
Lab ID:	05-233-16					
Client ID:	WSP-DUP-052710					
Arsenic	ND	12	6010B	6-11-10	6-11-10	
Cadmium	ND	0.59	6010B	6-11-10	6-11-10	
Chromium	14	0.59	6010B	6-11-10	6-11-10	
Copper	29	1.2	6010B	6-11-10	6-11-10	
Lead	57	5.9	6010B	6-11-10	6-11-10	
Manganese	470	0.59	6010B	6-11-10	6-11-10	
Mercury	ND	0.29	7471A	6-15-10	6-15-10	

Date of Report: June 16, 2010
Samples Submitted: May 29, 2010
Laboratory Reference: 1005-233
Project: WSP - RI/FS

**TOTAL METALS
EPA 6010B/7471A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 6-11&15-10
Date Analyzed: 6-11&15-10

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0611S1&MB0615S2

Analyte	Method	Result	PQL
Arsenic	6010B	ND	10
Cadmium	6010B	ND	0.50
Chromium	6010B	ND	0.50
Copper	6010B	ND	1.0
Lead	6010B	ND	5.0
Manganese	6010B	ND	0.50
Mercury	7471A	ND	0.25

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

**TOTAL METALS
 EPA 6010B/7471A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 6-11&15-10

Date Analyzed: 6-11&15-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-233-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	10	
Cadmium	ND	ND	NA	0.50	
Chromium	11.1	11.2	1	0.50	
Copper	21.4	20.9	3	1.0	
Lead	20.6	18.2	12	5.0	
Manganese	435	459	5	0.50	
Mercury	ND	ND	NA	0.25	

Date of Report: June 16, 2010
 Samples Submitted: May 29, 2010
 Laboratory Reference: 1005-233
 Project: WSP - RI/FS

**TOTAL METALS
 EPA 6010B/7471A
 MS/MSD QUALITY CONTROL**

Date Extracted: 6-11&15-10

Date Analyzed: 6-11&15-10

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 05-233-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	100	102	102	103	103	1	
Cadmium	50	48.2	96	48.2	96	0	
Chromium	100	105	94	105	94	1	
Copper	50	73.0	103	71.9	101	2	
Lead	250	254	94	251	92	1	
Manganese	100	551	116	545	110	1	
Mercury	0.50	0.512	102	0.516	103	1	

Date of Report: June 16, 2010
Samples Submitted: May 29, 2010
Laboratory Reference: 1005-233
Project: WSP - RI/FS

% MOISTURE

Date Analyzed: 6-10-10

Client ID	Lab ID	% Moisture
WSP-07-01-SB-04	05-233-01	15
WSP-03-01-SB-04	05-233-05	20
WSP-06-01-SB-04	05-233-12	13
WSP-DUP-052710	05-233-16	15
WSP-02-01-SB-08	05-233-18	17
WSP-02-02-SB-12	05-233-23	11
WSP-02-02-SB-16	05-233-24	16
WSP-02-02-SB-20	05-233-25	17
WSP-02-09-SB-04	05-233-42	16
WSP-02-09-SB-12	05-233-44	22
WSP-DUP-052810	05-233-46	16
WSP-02-06-SB-04	05-233-51	15



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference



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Chain of Custody

Company: **Parmstrong**
 Project Number: **1**
 Project Name: **WSP - R/LES**
 Project Manager: **Mick Wankel - Sumner**
 Sampled by: **James Arrens - HWA**

Turnaround Request
 (in working days)

(Check One)

- Same Day
- 1 Day
- 2 Day
- 3 Day
- Standard (7 working days)
(TPH analysis 5 working days)
- (other)

Laboratory Number:

05-233

Requested Analysis

NWTPH-HCID	
NWTPH-Gx/BTEX	
NWTPH-Dx	
Volatiles by 8260B	
Halogenated Volatiles by 8260B	
Semivolatiles by 8270D / SIM	
PAHs by 8270D / SIM CPAHs	
PCBs by 8082	
Pesticides by 8081A	
Herbicides by 8151A	
Total RCRA Metals (8)	
TCLP Metals	
HEM by 1664	
MCA + Cu, Mn	X
USE FOR MS/MSD	X
% Moisture	X

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of con.	Company	Date	Time	Comments/Special Instructions
1	WSP-03-01-S3-04	6/29/10	13:00	S	128	HWA	6/29/10	9:10	MSMSO - WSP-03-01-S3-04
2	-08				6484				
3	-02				6484				
4	-16				6484				
5	WSP-03-01-S3-04				6484				
6	-08				6484				
7	-12				6484				
8	WSP-03-02-S3-04				6484				
9	-08				6484				
10	-12				6484				

Relinquished by: Signature

Received by: Signature

Relinquished by: Signature

Received by: Signature

Relinquished by: Signature

Received by: Signature

Reviewed by/Date: Signature

Reviewed by/Date: Signature

Chromatograms with final report



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Chain of Custody

Company: Panorama

Project Number:

Project Name: WSP-121/ES

Project Manager:

Sampled by:

Turnaround Request
(in working days)

(Check One)

Same Day 1 Day

2 Day 3 Day

Standard (7 working days)
(TPH analysis 5 working days)

(other)

Laboratory Number:

05-233

Requested Analysis

NWTPH-HCID	
NWTPH-Gx/BTEX	X
NWTPH-Dx	
Volatiles by 8260B	X
Halogenated Volatiles by 8260B	
Semivolatiles by 8270D / SIM	X
PAHs by 8270D / SIM	X
PCBs by 8082	
Pesticides by 8081A	
Herbicides by 8151A	
Total RCRA Metals (8)	
TCLP Metals	
HEM by 1664	
MTOA + Cu + Mn	X
% Moisture	X

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.
11	WSP-03-02-SA-16	5/21/10	1600	S	66X
12	WSP-06-01-SB-04		1630		61
13			1640		61
14			1650		61
15			1700		61
16	WSP-Dur-052710		1730		61

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.
11	WSP-03-02-SA-16	5/21/10	1600	S	66X
12	WSP-06-01-SB-04		1630		61
13			1640		61
14			1650		61
15			1700		61
16	WSP-Dur-052710		1730		61

Signature

Company

Date

Time

Comments/Special Instructions

Relinquished by

AWA

5/21/10

910

X - Added 6/10/10. DS

Received by

OnSite Env

5/21/10

910

Relinquished by

Received by

Relinquished by

Received by

Reviewed by/Date

Reviewed by/Date

Chromatograms with final report

Chain of Custody

Turnaround Request (In working days)

Laboratory Number: 05-233

(Check One)

Requested Analysis

- Same Day
 2 Day
 3 Day

Standard (7 working days)
 (TPH analysis 5 working days)

(other)

NWTPH-HCID	
NWTPH-Gx/BTEX	
NWTPH-Dx	
Volatiles by 8260B	X
Halogenated Volatiles by 8260B	
Semivolatiles by 8270D / SIM	
PAHs by 8270D / SIM	
PCBs by 8082	
Pesticides by 8081A	
Herbicides by 8151A	
Total RCRA Metals (8)	
TCLP Metals	
HEM by 1664	

Company: PARSONS
 Project Number:
 Project Name: CSO-2/1/ES
 Project Manager:
 Sampled by:

Date Sampled: 5/24/10
 Time: 2:05
 Sampler: S
 Matrix: S
 # of Cont.: 46

% Moisture	
------------	--

Lab ID	Sample Identification	Date Sampled	Time	Sampler	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture		
17	USD Ae-02-01-58-04	5/24/10	2:05	S	S	46				X											X	
18																						
19																						
20																						
21	USD-02-02-58-04	5/24/10	2:20	S	S	46																
22																						
23																						
24																						
25																						

Signature	Company	Date	Time	Comments/Special Instructions
	Parson's	5/24/10	9:10	
	OSE	5/24/10	9:40	X-Added 8/10/10-DB.

Relinquished by:
 Received by:
 Relinquished by:
 Received by:
 Relinquished by:
 Received by:
 Reviewed by/Date:
 Reviewed by/Date:



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Chain of Custody

Turnaround Request
 (in working days)

(Check One)

- Same Day
- 1 Day
- 2 Day
- 3 Day
- Standard (7 working days)
- (TPH analysis 5 working days)
- (other)

Laboratory Number:

05-233

Requested Analysis

NWTPH-HCID
NWTPH-Gx/BTEX
NWTPH-Dx
Volatiles by 8260B
Halogenated Volatiles by 8260B
Semivolatiles by 8270D / SIM
PAHs by 8270D / SIM
PCBs by 8082
Pesticides by 8081A
Herbicides by 8151A
Total RCRA Metals (8)
TCLP Metals
HEM by 1664
% Moisture

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Com.	Date	Time	Comments/Special Instructions
26	WSP-02-03-SR-04	5/27/06	2250	S	46			
27			2300					
28			2310					
29			2320					
30	WSP-02-04-SR-04		2325					
31			2330					
32			2335					
33			2340					
34			2345					
Relinquished by		Signature		Company		Date	Time	Chromatograms with final report <input type="checkbox"/>
Received by		Signature		Company		Date	Time	
Relinquished by		Signature		Company		Date	Time	
Received by		Signature		Company		Date	Time	



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Chain of Custody

05-233

Turnaround Request
 (in working days)

(Check One)

Same Day 1 Day

2 Day 3 Day

Standard (7 working days)

(TPH analysis 5 working days)

(other)

Laboratory Number:

Requested Analysis

- NWTPH-HCID
- NWTPH-Gx/BTEX
- NWTPH-Dx
- Volatiles by 8260B
- Halogenated Volatiles by 8260B
- Semivolatiles by 8270D / SIM
- PAHs by 8270D / SIM
- PCBs by 8082
- Pesticides by 8081A
- Herbicides by 8151A
- Total RCRA Metals (8)
- TCLP Metals
- HEM by 1664

% Moisture

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analysis
35	WSP-02-02-SSS-04	5/12/10	2:00	S	48	
36	-08		2:10		477	
37	-02		2:20		478	
38	-16		2:30		8	
39	WSP-02-08-SS-04		2:40		6	
40	-09		2:50			
41	-14	5/28/10	3:10		44	

Signature	Company	Date	Time	Comments/Special Instructions
	Ana	5/12/10	9:10	
	OnSite Env	5/12/10	9:10	

Reviewed by/Date _____ Reviewed by/Date _____
 Chromatograms with final report

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Chain of Custody

Company: Pratt in Gray

Project Number:

Project Name: WSP-21123

Project Manager:

Sampled by:

Turnaround Request (in working days)

(Check One)

Same Day

1 Day

2 Day

3 Day

Standard (7 working days)
(TPH analysis 5 working days)

(other)

Laboratory Number:

05-233

Requested Analysis

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.
42	WSP-02-09 - S3-04	5/13/10	3:15	S	46
43	-08		3:20		
44	-12		3:25		
45	-16		3:32		
46	WSP-Duo-052810		3:40		

Requested Analysis	Result
NWTPH-HCID	
NWTPH-Gx/BTEX	
NWTPH-Dx	
Volatiles by 8260B	X
Halogenated Volatiles by 8260B	
Semivolatiles by 8270D / SIM	
PAHs by 8270D / SIM	
PCBs by 8082	
Pesticides by 8081A	
Herbicides by 8151A	
Total RCRA Metals (8)	
TCLP Metals	
HEM by 1664	
% Moisture	X

Signature	Company	Date	Time	Comments/Special Instructions
	AWA	5/25/10	9:10	X Added 6/10/10 DB
	OS Site	5/26/10	9:10	

Relinquished by: _____

Received by: _____

Relinquished by: _____

Received by: _____

Relinquished by: _____

Received by: _____

Reviewed by/Date: _____



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Chain of Custody

05-233

Company:	Thax Incision
Project Number:	
Project Name:	WSP-P1FS
Project Manager:	M. Wallace
Sampled by:	V. Arrens - WPA

Turnaround Request (in working days)

(Check One)

Same Day 1 Day

2 Day 3 Day

Standard (7 working days)
 (TPH analysis 5 working days)

(other) _____

Sample ID	Sample Description	Date	Time	# of Samples	# of Containers	Laboratory Number:										Requested Analysis			
						NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A		Total RCRA Metals (8)	TCLP Metals	HEM by 1664
47	WSP-D2-05-33-04	5/28/06	0930	5	6														
48	-05		0935	1	1														
49	-12		0940	1	1														
50	-16		0945	1	1														
51	WSP-02-06-58-04		D170	1	4														X
52	-08		D175	1	6														
53	-12		O120	1	1														
54	-16		O125	1	1														
Relinquished by		[Signature]		WPA		5/28/06		0940		X-Added 6/10/10 - DP									
Received by																			
Relinquished by																			
Received by																			
Relinquished by																			
Received by																			
Relinquished by																			
Received by																			
Reviewed by/Date																			

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July 29, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project 2009-138
Laboratory Reference No. 1007-098

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on July 15, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: July 29, 2010
Samples Submitted: July 15, 2010
Laboratory Reference: 1007-098
Project: 2009-138

Case Narrative

Samples were collected on July 12, 13, and 14, 2010 and received by the laboratory on July 15, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Semivolatiles EPA 8270D/SIM Analysis

Sample MS/MSD pair had several recoveries fall outside of control limits believed to be caused by inhomogeneity of the samples. The SB/SBD pair extracted with this batch had all parameters in control, no further action was deemed necessary.

Nitrate EPA 353.2 Analysis

Samples WSP-MW-01-02-GW-071210, WSP-MW-03, 09,13, 14-GW-071310 and WSP-MW-10,11,12-GW-071410 (07-098-01,02,05,06,07,08,12,13&14) were analyzed out of holding time.

Total Suspended Solids SM 2540D Analysis

Samples WSP-MW-01,02-GW-071210, WSP-MW-03,09,13,14-GW-071310 were analyzed out of holding time.

PAHs EPA 8270D/SIM Analysis

Samples WSP-HH-1-0.5-071410 and WSP-HH-1-1-071410 had one surrogate recovery out of control limits. This is within allowance of our standard operating procedure as long as the recovery is above 10%.

Alkalinity EPA 310.2 Analysis

Samples WSP-MW-01,02-GW-071210, WSP-MW-03,09,13,14-GW-071310 and WSP-MW-10,11,12-GW-071410 (07-098-01,02,05,06,07,08,12,13 & 14) were analyzed out of holding time.

Please note that any other QA/QC issues associated with these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-01-GW-071210					
Laboratory ID:	07-098-01					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	7-16-10	7-17-10	
Pyridine	ND	9.6	EPA 8270	7-16-10	7-17-10	
Phenol	ND	0.96	EPA 8270	7-16-10	7-17-10	
Aniline	ND	4.8	EPA 8270	7-16-10	7-17-10	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	7-16-10	7-17-10	
2-Chlorophenol	ND	0.96	EPA 8270	7-16-10	7-17-10	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	7-16-10	7-17-10	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	7-16-10	7-17-10	
Benzyl alcohol	ND	0.96	EPA 8270	7-16-10	7-17-10	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	7-16-10	7-17-10	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	7-16-10	7-17-10	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	7-16-10	7-17-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	7-16-10	7-17-10	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	7-16-10	7-17-10	
Hexachloroethane	ND	0.96	EPA 8270	7-16-10	7-17-10	
Nitrobenzene	ND	0.96	EPA 8270	7-16-10	7-17-10	
Isophorone	ND	0.96	EPA 8270	7-16-10	7-17-10	
2-Nitrophenol	ND	0.96	EPA 8270	7-16-10	7-17-10	
2,4-Dimethylphenol	ND	0.96	EPA 8270	7-16-10	7-17-10	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	7-16-10	7-17-10	
2,4-Dichlorophenol	ND	0.96	EPA 8270	7-16-10	7-17-10	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	7-16-10	7-17-10	
Naphthalene	ND	0.096	EPA 8270/SIM	7-16-10	7-16-10	
4-Chloroaniline	ND	9.6	EPA 8270	7-16-10	7-17-10	
Hexachlorobutadiene	ND	0.96	EPA 8270	7-16-10	7-17-10	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	7-16-10	7-17-10	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	7-16-10	7-16-10	
1-Methylnaphthalene	ND	0.096	EPA 8270/SIM	7-16-10	7-16-10	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	7-16-10	7-17-10	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	7-16-10	7-17-10	
2,3-Dichloroaniline	ND	0.96	EPA 8270	7-16-10	7-17-10	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	7-16-10	7-17-10	
2-Chloronaphthalene	ND	0.96	EPA 8270	7-16-10	7-17-10	
2-Nitroaniline	ND	0.96	EPA 8270	7-16-10	7-17-10	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	7-16-10	7-17-10	
Dimethylphthalate	ND	0.96	EPA 8270	7-16-10	7-17-10	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	7-16-10	7-17-10	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	7-16-10	7-17-10	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	7-16-10	7-17-10	
Acenaphthylene	ND	0.096	EPA 8270/SIM	7-16-10	7-16-10	
3-Nitroaniline	ND	0.96	EPA 8270	7-16-10	7-17-10	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-01-GW-071210					
Laboratory ID:	07-098-01					
2,4-Dinitrophenol	ND	9.6	EPA 8270	7-16-10	7-17-10	
Acenaphthene	ND	0.096	EPA 8270/SIM	7-16-10	7-16-10	
4-Nitrophenol	ND	0.96	EPA 8270	7-16-10	7-17-10	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	7-16-10	7-17-10	
Dibenzofuran	ND	0.96	EPA 8270	7-16-10	7-17-10	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	7-16-10	7-17-10	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	7-16-10	7-17-10	
Diethylphthalate	ND	0.96	EPA 8270	7-16-10	7-17-10	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	7-16-10	7-17-10	
4-Nitroaniline	ND	0.96	EPA 8270	7-16-10	7-17-10	
Fluorene	ND	0.096	EPA 8270/SIM	7-16-10	7-16-10	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	7-16-10	7-17-10	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	7-16-10	7-17-10	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	7-16-10	7-17-10	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	7-16-10	7-17-10	
Hexachlorobenzene	ND	0.96	EPA 8270	7-16-10	7-17-10	
Pentachlorophenol	ND	4.8	EPA 8270	7-16-10	7-17-10	
Phenanthrene	ND	0.096	EPA 8270/SIM	7-16-10	7-16-10	
Anthracene	ND	0.096	EPA 8270/SIM	7-16-10	7-16-10	
Carbazole	ND	0.96	EPA 8270	7-16-10	7-17-10	
Di-n-butylphthalate	ND	0.96	EPA 8270	7-16-10	7-17-10	
Fluoranthene	ND	0.096	EPA 8270/SIM	7-16-10	7-16-10	
Benzidine	ND	9.6	EPA 8270	7-16-10	7-17-10	
Pyrene	ND	0.096	EPA 8270/SIM	7-16-10	7-16-10	
Butylbenzylphthalate	ND	0.96	EPA 8270	7-16-10	7-17-10	
bis(2-Ethylhexyl)adipate	ND	0.96	EPA 8270	7-16-10	7-17-10	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	7-16-10	7-17-10	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	7-16-10	7-16-10	
Chrysene	ND	0.0096	EPA 8270/SIM	7-16-10	7-16-10	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	7-16-10	7-17-10	
Di-n-octylphthalate	ND	0.96	EPA 8270	7-16-10	7-17-10	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	7-16-10	7-16-10	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	7-16-10	7-16-10	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	7-16-10	7-16-10	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	7-16-10	7-16-10	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	7-16-10	7-16-10	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	7-16-10	7-16-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>43</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>33</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>77</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>71</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>74</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>86</i>	<i>57 - 114</i>				

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-02-GW-071210					
Laboratory ID:	07-098-02					
n-Nitrosodimethylamine	ND	0.97	EPA 8270	7-16-10	7-17-10	
Pyridine	ND	9.7	EPA 8270	7-16-10	7-17-10	
Phenol	ND	0.97	EPA 8270	7-16-10	7-17-10	
Aniline	ND	4.8	EPA 8270	7-16-10	7-17-10	
bis(2-Chloroethyl)ether	ND	0.97	EPA 8270	7-16-10	7-17-10	
2-Chlorophenol	ND	0.97	EPA 8270	7-16-10	7-17-10	
1,3-Dichlorobenzene	ND	0.97	EPA 8270	7-16-10	7-17-10	
1,4-Dichlorobenzene	ND	0.97	EPA 8270	7-16-10	7-17-10	
Benzyl alcohol	ND	0.97	EPA 8270	7-16-10	7-17-10	
1,2-Dichlorobenzene	ND	0.97	EPA 8270	7-16-10	7-17-10	
2-Methylphenol (o-Cresol)	ND	0.97	EPA 8270	7-16-10	7-17-10	
bis(2-Chloroisopropyl)ether	ND	0.97	EPA 8270	7-16-10	7-17-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.97	EPA 8270	7-16-10	7-17-10	
n-Nitroso-di-n-propylamine	ND	0.97	EPA 8270	7-16-10	7-17-10	
Hexachloroethane	ND	0.97	EPA 8270	7-16-10	7-17-10	
Nitrobenzene	ND	0.97	EPA 8270	7-16-10	7-17-10	
Isophorone	ND	0.97	EPA 8270	7-16-10	7-17-10	
2-Nitrophenol	ND	0.97	EPA 8270	7-16-10	7-17-10	
2,4-Dimethylphenol	ND	0.97	EPA 8270	7-16-10	7-17-10	
bis(2-Chloroethoxy)methane	ND	0.97	EPA 8270	7-16-10	7-17-10	
2,4-Dichlorophenol	ND	0.97	EPA 8270	7-16-10	7-17-10	
1,2,4-Trichlorobenzene	ND	0.97	EPA 8270	7-16-10	7-17-10	
Naphthalene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
4-Chloroaniline	ND	9.7	EPA 8270	7-16-10	7-17-10	
Hexachlorobutadiene	ND	0.97	EPA 8270	7-16-10	7-17-10	
4-Chloro-3-methylphenol	ND	0.97	EPA 8270	7-16-10	7-17-10	
2-Methylnaphthalene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
1-Methylnaphthalene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
Hexachlorocyclopentadiene	ND	0.97	EPA 8270	7-16-10	7-17-10	
2,4,6-Trichlorophenol	ND	0.97	EPA 8270	7-16-10	7-17-10	
2,3-Dichloroaniline	ND	0.97	EPA 8270	7-16-10	7-17-10	
2,4,5-Trichlorophenol	ND	0.97	EPA 8270	7-16-10	7-17-10	
2-Chloronaphthalene	ND	0.97	EPA 8270	7-16-10	7-17-10	
2-Nitroaniline	ND	0.97	EPA 8270	7-16-10	7-17-10	
1,4-Dinitrobenzene	ND	0.97	EPA 8270	7-16-10	7-17-10	
Dimethylphthalate	ND	0.97	EPA 8270	7-16-10	7-17-10	
1,3-Dinitrobenzene	ND	0.97	EPA 8270	7-16-10	7-17-10	
2,6-Dinitrotoluene	ND	0.97	EPA 8270	7-16-10	7-17-10	
1,2-Dinitrobenzene	ND	0.97	EPA 8270	7-16-10	7-17-10	
Acenaphthylene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
3-Nitroaniline	ND	0.97	EPA 8270	7-16-10	7-17-10	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-02-GW-071210					
Laboratory ID:	07-098-02					
2,4-Dinitrophenol	ND	9.7	EPA 8270	7-16-10	7-17-10	
Acenaphthene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
4-Nitrophenol	ND	0.97	EPA 8270	7-16-10	7-17-10	
2,4-Dinitrotoluene	ND	0.97	EPA 8270	7-16-10	7-17-10	
Dibenzofuran	ND	0.97	EPA 8270	7-16-10	7-17-10	
2,3,5,6-Tetrachlorophenol	ND	0.97	EPA 8270	7-16-10	7-17-10	
2,3,4,6-Tetrachlorophenol	ND	0.97	EPA 8270	7-16-10	7-17-10	
Diethylphthalate	ND	0.97	EPA 8270	7-16-10	7-17-10	
4-Chlorophenyl-phenylether	ND	0.97	EPA 8270	7-16-10	7-17-10	
4-Nitroaniline	ND	0.97	EPA 8270	7-16-10	7-17-10	
Fluorene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	7-16-10	7-17-10	
n-Nitrosodiphenylamine	ND	9.7	EPA 8270	7-16-10	7-17-10	
1,2-Diphenylhydrazine	ND	0.97	EPA 8270	7-16-10	7-17-10	
4-Bromophenyl-phenylether	ND	0.97	EPA 8270	7-16-10	7-17-10	
Hexachlorobenzene	ND	0.97	EPA 8270	7-16-10	7-17-10	
Pentachlorophenol	ND	4.8	EPA 8270	7-16-10	7-17-10	
Phenanthrene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
Anthracene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
Carbazole	ND	0.97	EPA 8270	7-16-10	7-17-10	
Di-n-butylphthalate	ND	0.97	EPA 8270	7-16-10	7-17-10	
Fluoranthene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
Benzidine	ND	9.7	EPA 8270	7-16-10	7-17-10	
Pyrene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
Butylbenzylphthalate	ND	0.97	EPA 8270	7-16-10	7-17-10	
bis(2-Ethylhexyl)adipate	ND	0.97	EPA 8270	7-16-10	7-17-10	
3,3'-Dichlorobenzidine	ND	9.7	EPA 8270	7-16-10	7-17-10	
Benzo[a]anthracene	0.017	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
Chrysene	0.023	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.97	EPA 8270	7-16-10	7-17-10	
Di-n-octylphthalate	ND	0.97	EPA 8270	7-16-10	7-17-10	
Benzo[b]fluoranthene	0.020	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[k]fluoranthene	0.014	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[a]pyrene	ND	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
Indeno[1,2,3-cd]pyrene	ND	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
Dibenz[a,h]anthracene	ND	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[g,h,i]perylene	ND	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>36</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>27</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>64</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>64</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>70</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>79</i>	<i>57 - 114</i>				

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-03-GW-071310					
Laboratory ID:	07-098-05					
n-Nitrosodimethylamine	ND	0.94	EPA 8270	7-16-10	7-18-10	
Pyridine	ND	9.4	EPA 8270	7-16-10	7-18-10	
Phenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
Aniline	ND	4.7	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroethyl)ether	ND	0.94	EPA 8270	7-16-10	7-18-10	
2-Chlorophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
1,3-Dichlorobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
1,4-Dichlorobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
Benzyl alcohol	ND	0.94	EPA 8270	7-16-10	7-18-10	
1,2-Dichlorobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
2-Methylphenol (o-Cresol)	ND	0.94	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroisopropyl)ether	ND	0.94	EPA 8270	7-16-10	7-18-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.94	EPA 8270	7-16-10	7-18-10	
n-Nitroso-di-n-propylamine	ND	0.94	EPA 8270	7-16-10	7-18-10	
Hexachloroethane	ND	0.94	EPA 8270	7-16-10	7-18-10	
Nitrobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
Isophorone	ND	0.94	EPA 8270	7-16-10	7-18-10	
2-Nitrophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,4-Dimethylphenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroethoxy)methane	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,4-Dichlorophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
1,2,4-Trichlorobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
Naphthalene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
4-Chloroaniline	ND	9.4	EPA 8270	7-16-10	7-18-10	
Hexachlorobutadiene	ND	0.94	EPA 8270	7-16-10	7-18-10	
4-Chloro-3-methylphenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
2-Methylnaphthalene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
1-Methylnaphthalene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
Hexachlorocyclopentadiene	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,4,6-Trichlorophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,3-Dichloroaniline	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,4,5-Trichlorophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
2-Chloronaphthalene	ND	0.94	EPA 8270	7-16-10	7-18-10	
2-Nitroaniline	ND	0.94	EPA 8270	7-16-10	7-18-10	
1,4-Dinitrobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
Dimethylphthalate	ND	0.94	EPA 8270	7-16-10	7-18-10	
1,3-Dinitrobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,6-Dinitrotoluene	ND	0.94	EPA 8270	7-16-10	7-18-10	
1,2-Dinitrobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
Acenaphthylene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
3-Nitroaniline	ND	0.94	EPA 8270	7-16-10	7-18-10	

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 Project: 2009-138

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-03-GW-071310					
Laboratory ID:	07-098-05					
2,4-Dinitrophenol	ND	9.4	EPA 8270	7-16-10	7-18-10	
Acenaphthene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
4-Nitrophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,4-Dinitrotoluene	ND	0.94	EPA 8270	7-16-10	7-18-10	
Dibenzofuran	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,3,5,6-Tetrachlorophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,3,4,6-Tetrachlorophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
Diethylphthalate	ND	0.94	EPA 8270	7-16-10	7-18-10	
4-Chlorophenyl-phenylether	ND	0.94	EPA 8270	7-16-10	7-18-10	
4-Nitroaniline	ND	0.94	EPA 8270	7-16-10	7-18-10	
Fluorene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
4,6-Dinitro-2-methylphenol	ND	4.7	EPA 8270	7-16-10	7-18-10	
n-Nitrosodiphenylamine	ND	9.4	EPA 8270	7-16-10	7-18-10	
1,2-Diphenylhydrazine	ND	0.94	EPA 8270	7-16-10	7-18-10	
4-Bromophenyl-phenylether	ND	0.94	EPA 8270	7-16-10	7-18-10	
Hexachlorobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
Pentachlorophenol	ND	4.7	EPA 8270	7-16-10	7-18-10	
Phenanthrene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
Anthracene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
Carbazole	ND	0.94	EPA 8270	7-16-10	7-18-10	
Di-n-butylphthalate	ND	0.94	EPA 8270	7-16-10	7-18-10	
Fluoranthene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
Benzidine	ND	9.4	EPA 8270	7-16-10	7-18-10	
Pyrene	ND	0.094	EPA 8270/SIM	7-16-10	7-16-10	
Butylbenzylphthalate	ND	0.94	EPA 8270	7-16-10	7-18-10	
bis(2-Ethylhexyl)adipate	ND	0.94	EPA 8270	7-16-10	7-18-10	
3,3'-Dichlorobenzidine	ND	9.4	EPA 8270	7-16-10	7-18-10	
Benzo[a]anthracene	0.026	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
Chrysene	0.038	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.94	EPA 8270	7-16-10	7-18-10	
Di-n-octylphthalate	ND	0.94	EPA 8270	7-16-10	7-18-10	
Benzo[b]fluoranthene	0.036	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[k]fluoranthene	0.026	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[a]pyrene	0.023	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
Indeno[1,2,3-cd]pyrene	0.014	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
Dibenz[a,h]anthracene	ND	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[g,h,i]perylene	0.016	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>42</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>32</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>71</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>68</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>77</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>88</i>	<i>57 - 114</i>				

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 Project: 2009-138

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-09-GW-071310					
Laboratory ID:	07-098-06					
n-Nitrosodimethylamine	ND	0.95	EPA 8270	7-16-10	7-18-10	
Pyridine	ND	9.5	EPA 8270	7-16-10	7-18-10	
Phenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
Aniline	ND	4.7	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroethyl)ether	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Chlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,3-Dichlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,4-Dichlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Benzyl alcohol	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,2-Dichlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Methylphenol (o-Cresol)	ND	0.95	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroisopropyl)ether	ND	0.95	EPA 8270	7-16-10	7-18-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.95	EPA 8270	7-16-10	7-18-10	
n-Nitroso-di-n-propylamine	ND	0.95	EPA 8270	7-16-10	7-18-10	
Hexachloroethane	ND	0.95	EPA 8270	7-16-10	7-18-10	
Nitrobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Isophorone	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Nitrophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4-Dimethylphenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroethoxy)methane	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4-Dichlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,2,4-Trichlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Naphthalene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
4-Chloroaniline	ND	9.5	EPA 8270	7-16-10	7-18-10	
Hexachlorobutadiene	ND	0.95	EPA 8270	7-16-10	7-18-10	
4-Chloro-3-methylphenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Methylnaphthalene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
1-Methylnaphthalene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Hexachlorocyclopentadiene	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4,6-Trichlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,3-Dichloroaniline	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4,5-Trichlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Chloronaphthalene	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Nitroaniline	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,4-Dinitrobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Dimethylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,3-Dinitrobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,6-Dinitrotoluene	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,2-Dinitrobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Acenaphthylene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
3-Nitroaniline	ND	0.95	EPA 8270	7-16-10	7-18-10	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-09-GW-071310					
Laboratory ID:	07-098-06					
2,4-Dinitrophenol	ND	9.5	EPA 8270	7-16-10	7-18-10	
Acenaphthene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
4-Nitrophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4-Dinitrotoluene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Dibenzofuran	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,3,5,6-Tetrachlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,3,4,6-Tetrachlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
Diethylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
4-Chlorophenyl-phenylether	ND	0.95	EPA 8270	7-16-10	7-18-10	
4-Nitroaniline	ND	0.95	EPA 8270	7-16-10	7-18-10	
Fluorene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
4,6-Dinitro-2-methylphenol	ND	4.7	EPA 8270	7-16-10	7-18-10	
n-Nitrosodiphenylamine	ND	9.5	EPA 8270	7-16-10	7-18-10	
1,2-Diphenylhydrazine	ND	0.95	EPA 8270	7-16-10	7-18-10	
4-Bromophenyl-phenylether	ND	0.95	EPA 8270	7-16-10	7-18-10	
Hexachlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Pentachlorophenol	ND	4.7	EPA 8270	7-16-10	7-18-10	
Phenanthrene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Anthracene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Carbazole	ND	0.95	EPA 8270	7-16-10	7-18-10	
Di-n-butylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
Fluoranthene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Benzidine	ND	9.5	EPA 8270	7-16-10	7-18-10	
Pyrene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Butylbenzylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
bis(2-Ethylhexyl)adipate	ND	0.95	EPA 8270	7-16-10	7-18-10	
3,3'-Dichlorobenzidine	ND	9.5	EPA 8270	7-16-10	7-18-10	
Benzo[a]anthracene	0.012	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Chrysene	0.015	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
Di-n-octylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
Benzo[b]fluoranthene	0.014	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[k]fluoranthene	ND	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[a]pyrene	ND	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Indeno[1,2,3-cd]pyrene	ND	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Dibenz[a,h]anthracene	ND	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[g,h,i]perylene	ND	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>45</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>32</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>79</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>70</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>70</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>81</i>	<i>57 - 114</i>				

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 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-13-GW-071310					
Laboratory ID:	07-098-07					
n-Nitrosodimethylamine	ND	0.95	EPA 8270	7-16-10	7-18-10	
Pyridine	ND	9.5	EPA 8270	7-16-10	7-18-10	
Phenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
Aniline	ND	4.8	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroethyl)ether	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Chlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,3-Dichlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,4-Dichlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Benzyl alcohol	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,2-Dichlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Methylphenol (o-Cresol)	ND	0.95	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroisopropyl)ether	ND	0.95	EPA 8270	7-16-10	7-18-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.95	EPA 8270	7-16-10	7-18-10	
n-Nitroso-di-n-propylamine	ND	0.95	EPA 8270	7-16-10	7-18-10	
Hexachloroethane	ND	0.95	EPA 8270	7-16-10	7-18-10	
Nitrobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Isophorone	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Nitrophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4-Dimethylphenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroethoxy)methane	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4-Dichlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,2,4-Trichlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Naphthalene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
4-Chloroaniline	ND	9.5	EPA 8270	7-16-10	7-18-10	
Hexachlorobutadiene	ND	0.95	EPA 8270	7-16-10	7-18-10	
4-Chloro-3-methylphenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Methylnaphthalene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
1-Methylnaphthalene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Hexachlorocyclopentadiene	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4,6-Trichlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,3-Dichloroaniline	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4,5-Trichlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Chloronaphthalene	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Nitroaniline	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,4-Dinitrobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Dimethylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,3-Dinitrobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,6-Dinitrotoluene	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,2-Dinitrobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Acenaphthylene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
3-Nitroaniline	ND	0.95	EPA 8270	7-16-10	7-18-10	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-13-GW-071310					
Laboratory ID:	07-098-07					
2,4-Dinitrophenol	ND	9.5	EPA 8270	7-16-10	7-18-10	
Acenaphthene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
4-Nitrophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4-Dinitrotoluene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Dibenzofuran	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,3,5,6-Tetrachlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,3,4,6-Tetrachlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
Diethylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
4-Chlorophenyl-phenylether	ND	0.95	EPA 8270	7-16-10	7-18-10	
4-Nitroaniline	ND	0.95	EPA 8270	7-16-10	7-18-10	
Fluorene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	7-16-10	7-18-10	
n-Nitrosodiphenylamine	ND	9.5	EPA 8270	7-16-10	7-18-10	
1,2-Diphenylhydrazine	ND	0.95	EPA 8270	7-16-10	7-18-10	
4-Bromophenyl-phenylether	ND	0.95	EPA 8270	7-16-10	7-18-10	
Hexachlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Pentachlorophenol	ND	4.8	EPA 8270	7-16-10	7-18-10	
Phenanthrene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Anthracene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Carbazole	ND	0.95	EPA 8270	7-16-10	7-18-10	
Di-n-butylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
Fluoranthene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Benzidine	ND	9.5	EPA 8270	7-16-10	7-18-10	
Pyrene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Butylbenzylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
bis(2-Ethylhexyl)adipate	ND	0.95	EPA 8270	7-16-10	7-18-10	
3,3'-Dichlorobenzidine	ND	9.5	EPA 8270	7-16-10	7-18-10	
Benzo[a]anthracene	0.033	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Chrysene	0.059	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
Di-n-octylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
Benzo[b]fluoranthene	0.052	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[k]fluoranthene	0.027	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[a]pyrene	0.029	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Indeno[1,2,3-cd]pyrene	0.019	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Dibenz[a,h]anthracene	ND	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[g,h,i]perylene	0.023	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>45</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>33</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>79</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>71</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>69</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>82</i>	<i>57 - 114</i>				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-14-GW-071310					
Laboratory ID:	07-098-08					
n-Nitrosodimethylamine	ND	0.94	EPA 8270	7-16-10	7-18-10	
Pyridine	ND	9.4	EPA 8270	7-16-10	7-18-10	
Phenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
Aniline	ND	4.7	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroethyl)ether	ND	0.94	EPA 8270	7-16-10	7-18-10	
2-Chlorophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
1,3-Dichlorobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
1,4-Dichlorobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
Benzyl alcohol	ND	0.94	EPA 8270	7-16-10	7-18-10	
1,2-Dichlorobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
2-Methylphenol (o-Cresol)	ND	0.94	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroisopropyl)ether	ND	0.94	EPA 8270	7-16-10	7-18-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.94	EPA 8270	7-16-10	7-18-10	
n-Nitroso-di-n-propylamine	ND	0.94	EPA 8270	7-16-10	7-18-10	
Hexachloroethane	ND	0.94	EPA 8270	7-16-10	7-18-10	
Nitrobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
Isophorone	ND	0.94	EPA 8270	7-16-10	7-18-10	
2-Nitrophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,4-Dimethylphenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroethoxy)methane	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,4-Dichlorophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
1,2,4-Trichlorobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
Naphthalene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
4-Chloroaniline	ND	9.4	EPA 8270	7-16-10	7-18-10	
Hexachlorobutadiene	ND	0.94	EPA 8270	7-16-10	7-18-10	
4-Chloro-3-methylphenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
2-Methylnaphthalene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
1-Methylnaphthalene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
Hexachlorocyclopentadiene	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,4,6-Trichlorophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,3-Dichloroaniline	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,4,5-Trichlorophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
2-Chloronaphthalene	ND	0.94	EPA 8270	7-16-10	7-18-10	
2-Nitroaniline	ND	0.94	EPA 8270	7-16-10	7-18-10	
1,4-Dinitrobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
Dimethylphthalate	ND	0.94	EPA 8270	7-16-10	7-18-10	
1,3-Dinitrobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,6-Dinitrotoluene	ND	0.94	EPA 8270	7-16-10	7-18-10	
1,2-Dinitrobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
Acenaphthylene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
3-Nitroaniline	ND	0.94	EPA 8270	7-16-10	7-18-10	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-14-GW-071310					
Laboratory ID:	07-098-08					
2,4-Dinitrophenol	ND	9.4	EPA 8270	7-16-10	7-18-10	
Acenaphthene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
4-Nitrophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,4-Dinitrotoluene	ND	0.94	EPA 8270	7-16-10	7-18-10	
Dibenzofuran	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,3,5,6-Tetrachlorophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
2,3,4,6-Tetrachlorophenol	ND	0.94	EPA 8270	7-16-10	7-18-10	
Diethylphthalate	ND	0.94	EPA 8270	7-16-10	7-18-10	
4-Chlorophenyl-phenylether	ND	0.94	EPA 8270	7-16-10	7-18-10	
4-Nitroaniline	ND	0.94	EPA 8270	7-16-10	7-18-10	
Fluorene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
4,6-Dinitro-2-methylphenol	ND	4.7	EPA 8270	7-16-10	7-18-10	
n-Nitrosodiphenylamine	ND	9.4	EPA 8270	7-16-10	7-18-10	
1,2-Diphenylhydrazine	ND	0.94	EPA 8270	7-16-10	7-18-10	
4-Bromophenyl-phenylether	ND	0.94	EPA 8270	7-16-10	7-18-10	
Hexachlorobenzene	ND	0.94	EPA 8270	7-16-10	7-18-10	
Pentachlorophenol	ND	4.7	EPA 8270	7-16-10	7-18-10	
Phenanthrene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
Anthracene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
Carbazole	ND	0.94	EPA 8270	7-16-10	7-18-10	
Di-n-butylphthalate	ND	0.94	EPA 8270	7-16-10	7-18-10	
Fluoranthene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
Benzidine	ND	9.4	EPA 8270	7-16-10	7-18-10	
Pyrene	ND	0.094	EPA 8270/SIM	7-16-10	7-17-10	
Butylbenzylphthalate	ND	0.94	EPA 8270	7-16-10	7-18-10	
bis(2-Ethylhexyl)adipate	ND	0.94	EPA 8270	7-16-10	7-18-10	
3,3'-Dichlorobenzidine	ND	9.4	EPA 8270	7-16-10	7-18-10	
Benzo[a]anthracene	0.029	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
Chrysene	0.063	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.94	EPA 8270	7-16-10	7-18-10	
Di-n-octylphthalate	ND	0.94	EPA 8270	7-16-10	7-18-10	
Benzo[b]fluoranthene	0.056	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[k]fluoranthene	0.024	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[a]pyrene	0.019	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
Indeno[1,2,3-cd]pyrene	0.016	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
Dibenz[a,h]anthracene	ND	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[g,h,i]perylene	0.020	0.0094	EPA 8270/SIM	7-16-10	7-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	47	14 - 95				
Phenol-d6	35	10 - 94				
Nitrobenzene-d5	79	34 - 118				
2-Fluorobiphenyl	74	42 - 111				
2,4,6-Tribromophenol	81	52 - 117				
Terphenyl-d14	100	57 - 114				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-10-GW-071410					
Laboratory ID:	07-098-12					
n-Nitrosodimethylamine	ND	0.98	EPA 8270	7-16-10	7-18-10	
Pyridine	ND	9.8	EPA 8270	7-16-10	7-18-10	
Phenol	ND	0.98	EPA 8270	7-16-10	7-18-10	
Aniline	ND	4.9	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroethyl)ether	ND	0.98	EPA 8270	7-16-10	7-18-10	
2-Chlorophenol	ND	0.98	EPA 8270	7-16-10	7-18-10	
1,3-Dichlorobenzene	ND	0.98	EPA 8270	7-16-10	7-18-10	
1,4-Dichlorobenzene	ND	0.98	EPA 8270	7-16-10	7-18-10	
Benzyl alcohol	ND	0.98	EPA 8270	7-16-10	7-18-10	
1,2-Dichlorobenzene	ND	0.98	EPA 8270	7-16-10	7-18-10	
2-Methylphenol (o-Cresol)	ND	0.98	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroisopropyl)ether	ND	0.98	EPA 8270	7-16-10	7-18-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.98	EPA 8270	7-16-10	7-18-10	
n-Nitroso-di-n-propylamine	ND	0.98	EPA 8270	7-16-10	7-18-10	
Hexachloroethane	ND	0.98	EPA 8270	7-16-10	7-18-10	
Nitrobenzene	ND	0.98	EPA 8270	7-16-10	7-18-10	
Isophorone	ND	0.98	EPA 8270	7-16-10	7-18-10	
2-Nitrophenol	ND	0.98	EPA 8270	7-16-10	7-18-10	
2,4-Dimethylphenol	ND	0.98	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroethoxy)methane	ND	0.98	EPA 8270	7-16-10	7-18-10	
2,4-Dichlorophenol	ND	0.98	EPA 8270	7-16-10	7-18-10	
1,2,4-Trichlorobenzene	ND	0.98	EPA 8270	7-16-10	7-18-10	
Naphthalene	ND	0.098	EPA 8270/SIM	7-16-10	7-17-10	
4-Chloroaniline	ND	9.8	EPA 8270	7-16-10	7-18-10	
Hexachlorobutadiene	ND	0.98	EPA 8270	7-16-10	7-18-10	
4-Chloro-3-methylphenol	ND	0.98	EPA 8270	7-16-10	7-18-10	
2-Methylnaphthalene	ND	0.098	EPA 8270/SIM	7-16-10	7-17-10	
1-Methylnaphthalene	ND	0.098	EPA 8270/SIM	7-16-10	7-17-10	
Hexachlorocyclopentadiene	ND	0.98	EPA 8270	7-16-10	7-18-10	
2,4,6-Trichlorophenol	ND	0.98	EPA 8270	7-16-10	7-18-10	
2,3-Dichloroaniline	ND	0.98	EPA 8270	7-16-10	7-18-10	
2,4,5-Trichlorophenol	ND	0.98	EPA 8270	7-16-10	7-18-10	
2-Chloronaphthalene	ND	0.98	EPA 8270	7-16-10	7-18-10	
2-Nitroaniline	ND	0.98	EPA 8270	7-16-10	7-18-10	
1,4-Dinitrobenzene	ND	0.98	EPA 8270	7-16-10	7-18-10	
Dimethylphthalate	ND	0.98	EPA 8270	7-16-10	7-18-10	
1,3-Dinitrobenzene	ND	0.98	EPA 8270	7-16-10	7-18-10	
2,6-Dinitrotoluene	ND	0.98	EPA 8270	7-16-10	7-18-10	
1,2-Dinitrobenzene	ND	0.98	EPA 8270	7-16-10	7-18-10	
Acenaphthylene	ND	0.098	EPA 8270/SIM	7-16-10	7-17-10	
3-Nitroaniline	ND	0.98	EPA 8270	7-16-10	7-18-10	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-10-GW-071410					
Laboratory ID:	07-098-12					
2,4-Dinitrophenol	ND	9.8	EPA 8270	7-16-10	7-18-10	
Acenaphthene	ND	0.098	EPA 8270/SIM	7-16-10	7-17-10	
4-Nitrophenol	ND	0.98	EPA 8270	7-16-10	7-18-10	
2,4-Dinitrotoluene	ND	0.98	EPA 8270	7-16-10	7-18-10	
Dibenzofuran	ND	0.98	EPA 8270	7-16-10	7-18-10	
2,3,5,6-Tetrachlorophenol	ND	0.98	EPA 8270	7-16-10	7-18-10	
2,3,4,6-Tetrachlorophenol	ND	0.98	EPA 8270	7-16-10	7-18-10	
Diethylphthalate	ND	0.98	EPA 8270	7-16-10	7-18-10	
4-Chlorophenyl-phenylether	ND	0.98	EPA 8270	7-16-10	7-18-10	
4-Nitroaniline	ND	0.98	EPA 8270	7-16-10	7-18-10	
Fluorene	ND	0.098	EPA 8270/SIM	7-16-10	7-17-10	
4,6-Dinitro-2-methylphenol	ND	4.9	EPA 8270	7-16-10	7-18-10	
n-Nitrosodiphenylamine	ND	9.8	EPA 8270	7-16-10	7-18-10	
1,2-Diphenylhydrazine	ND	0.98	EPA 8270	7-16-10	7-18-10	
4-Bromophenyl-phenylether	ND	0.98	EPA 8270	7-16-10	7-18-10	
Hexachlorobenzene	ND	0.98	EPA 8270	7-16-10	7-18-10	
Pentachlorophenol	ND	4.9	EPA 8270	7-16-10	7-18-10	
Phenanthrene	ND	0.098	EPA 8270/SIM	7-16-10	7-17-10	
Anthracene	ND	0.098	EPA 8270/SIM	7-16-10	7-17-10	
Carbazole	ND	0.98	EPA 8270	7-16-10	7-18-10	
Di-n-butylphthalate	ND	0.98	EPA 8270	7-16-10	7-18-10	
Fluoranthene	ND	0.098	EPA 8270/SIM	7-16-10	7-17-10	
Benzidine	ND	9.8	EPA 8270	7-16-10	7-18-10	
Pyrene	ND	0.098	EPA 8270/SIM	7-16-10	7-17-10	
Butylbenzylphthalate	ND	0.98	EPA 8270	7-16-10	7-18-10	
bis(2-Ethylhexyl)adipate	ND	0.98	EPA 8270	7-16-10	7-18-10	
3,3'-Dichlorobenzidine	ND	9.8	EPA 8270	7-16-10	7-18-10	
Benzo[a]anthracene	ND	0.0098	EPA 8270/SIM	7-16-10	7-17-10	
Chrysene	ND	0.0098	EPA 8270/SIM	7-16-10	7-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.98	EPA 8270	7-16-10	7-18-10	
Di-n-octylphthalate	ND	0.98	EPA 8270	7-16-10	7-18-10	
Benzo[b]fluoranthene	ND	0.0098	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[k]fluoranthene	ND	0.0098	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[a]pyrene	ND	0.0098	EPA 8270/SIM	7-16-10	7-17-10	
Indeno[1,2,3-cd]pyrene	ND	0.0098	EPA 8270/SIM	7-16-10	7-17-10	
Dibenz[a,h]anthracene	ND	0.0098	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[g,h,i]perylene	ND	0.0098	EPA 8270/SIM	7-16-10	7-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>47</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>34</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>77</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>70</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>69</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>84</i>	<i>57 - 114</i>				

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-11-GW-071410					
Laboratory ID:	07-098-13					
n-Nitrosodimethylamine	ND	0.97	EPA 8270	7-16-10	7-18-10	
Pyridine	ND	9.7	EPA 8270	7-16-10	7-18-10	
Phenol	ND	0.97	EPA 8270	7-16-10	7-18-10	
Aniline	ND	4.8	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroethyl)ether	ND	0.97	EPA 8270	7-16-10	7-18-10	
2-Chlorophenol	ND	0.97	EPA 8270	7-16-10	7-18-10	
1,3-Dichlorobenzene	ND	0.97	EPA 8270	7-16-10	7-18-10	
1,4-Dichlorobenzene	ND	0.97	EPA 8270	7-16-10	7-18-10	
Benzyl alcohol	ND	0.97	EPA 8270	7-16-10	7-18-10	
1,2-Dichlorobenzene	ND	0.97	EPA 8270	7-16-10	7-18-10	
2-Methylphenol (o-Cresol)	ND	0.97	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroisopropyl)ether	ND	0.97	EPA 8270	7-16-10	7-18-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.97	EPA 8270	7-16-10	7-18-10	
n-Nitroso-di-n-propylamine	ND	0.97	EPA 8270	7-16-10	7-18-10	
Hexachloroethane	ND	0.97	EPA 8270	7-16-10	7-18-10	
Nitrobenzene	ND	0.97	EPA 8270	7-16-10	7-18-10	
Isophorone	ND	0.97	EPA 8270	7-16-10	7-18-10	
2-Nitrophenol	ND	0.97	EPA 8270	7-16-10	7-18-10	
2,4-Dimethylphenol	ND	0.97	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroethoxy)methane	ND	0.97	EPA 8270	7-16-10	7-18-10	
2,4-Dichlorophenol	ND	0.97	EPA 8270	7-16-10	7-18-10	
1,2,4-Trichlorobenzene	ND	0.97	EPA 8270	7-16-10	7-18-10	
Naphthalene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
4-Chloroaniline	ND	9.7	EPA 8270	7-16-10	7-18-10	
Hexachlorobutadiene	ND	0.97	EPA 8270	7-16-10	7-18-10	
4-Chloro-3-methylphenol	ND	0.97	EPA 8270	7-16-10	7-18-10	
2-Methylnaphthalene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
1-Methylnaphthalene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
Hexachlorocyclopentadiene	ND	0.97	EPA 8270	7-16-10	7-18-10	
2,4,6-Trichlorophenol	ND	0.97	EPA 8270	7-16-10	7-18-10	
2,3-Dichloroaniline	ND	0.97	EPA 8270	7-16-10	7-18-10	
2,4,5-Trichlorophenol	ND	0.97	EPA 8270	7-16-10	7-18-10	
2-Chloronaphthalene	ND	0.97	EPA 8270	7-16-10	7-18-10	
2-Nitroaniline	ND	0.97	EPA 8270	7-16-10	7-18-10	
1,4-Dinitrobenzene	ND	0.97	EPA 8270	7-16-10	7-18-10	
Dimethylphthalate	ND	0.97	EPA 8270	7-16-10	7-18-10	
1,3-Dinitrobenzene	ND	0.97	EPA 8270	7-16-10	7-18-10	
2,6-Dinitrotoluene	ND	0.97	EPA 8270	7-16-10	7-18-10	
1,2-Dinitrobenzene	ND	0.97	EPA 8270	7-16-10	7-18-10	
Acenaphthylene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
3-Nitroaniline	ND	0.97	EPA 8270	7-16-10	7-18-10	

Date of Report: July 29, 2010
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-11-GW-071410					
Laboratory ID:	07-098-13					
2,4-Dinitrophenol	ND	9.7	EPA 8270	7-16-10	7-18-10	
Acenaphthene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
4-Nitrophenol	ND	0.97	EPA 8270	7-16-10	7-18-10	
2,4-Dinitrotoluene	ND	0.97	EPA 8270	7-16-10	7-18-10	
Dibenzofuran	ND	0.97	EPA 8270	7-16-10	7-18-10	
2,3,5,6-Tetrachlorophenol	ND	0.97	EPA 8270	7-16-10	7-18-10	
2,3,4,6-Tetrachlorophenol	ND	0.97	EPA 8270	7-16-10	7-18-10	
Diethylphthalate	ND	0.97	EPA 8270	7-16-10	7-18-10	
4-Chlorophenyl-phenylether	ND	0.97	EPA 8270	7-16-10	7-18-10	
4-Nitroaniline	ND	0.97	EPA 8270	7-16-10	7-18-10	
Fluorene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	7-16-10	7-18-10	
n-Nitrosodiphenylamine	ND	9.7	EPA 8270	7-16-10	7-18-10	
1,2-Diphenylhydrazine	ND	0.97	EPA 8270	7-16-10	7-18-10	
4-Bromophenyl-phenylether	ND	0.97	EPA 8270	7-16-10	7-18-10	
Hexachlorobenzene	ND	0.97	EPA 8270	7-16-10	7-18-10	
Pentachlorophenol	ND	4.8	EPA 8270	7-16-10	7-18-10	
Phenanthrene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
Anthracene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
Carbazole	ND	0.97	EPA 8270	7-16-10	7-18-10	
Di-n-butylphthalate	ND	0.97	EPA 8270	7-16-10	7-18-10	
Fluoranthene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
Benzidine	ND	9.7	EPA 8270	7-16-10	7-18-10	
Pyrene	ND	0.097	EPA 8270/SIM	7-16-10	7-17-10	
Butylbenzylphthalate	ND	0.97	EPA 8270	7-16-10	7-18-10	
bis-2-Ethylhexyladipate	ND	0.97	EPA 8270	7-16-10	7-18-10	
3,3'-Dichlorobenzidine	ND	9.7	EPA 8270	7-16-10	7-18-10	
Benzo[a]anthracene	ND	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
Chrysene	ND	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.97	EPA 8270	7-16-10	7-18-10	
Di-n-octylphthalate	ND	0.97	EPA 8270	7-16-10	7-18-10	
Benzo[b]fluoranthene	ND	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[k]fluoranthene	ND	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[a]pyrene	ND	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
Indeno[1,2,3-cd]pyrene	ND	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
Dibenz[a,h]anthracene	ND	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[g,h,i]perylene	ND	0.0097	EPA 8270/SIM	7-16-10	7-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>43</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>32</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>75</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>69</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>68</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>85</i>	<i>57 - 114</i>				

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-12-GW-071410					
Laboratory ID:	07-098-14					
n-Nitrosodimethylamine	ND	0.95	EPA 8270	7-16-10	7-18-10	
Pyridine	ND	9.5	EPA 8270	7-16-10	7-18-10	
Phenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
Aniline	ND	4.8	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroethyl)ether	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Chlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,3-Dichlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,4-Dichlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Benzyl alcohol	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,2-Dichlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Methylphenol (o-Cresol)	ND	0.95	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroisopropyl)ether	ND	0.95	EPA 8270	7-16-10	7-18-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.95	EPA 8270	7-16-10	7-18-10	
n-Nitroso-di-n-propylamine	ND	0.95	EPA 8270	7-16-10	7-18-10	
Hexachloroethane	ND	0.95	EPA 8270	7-16-10	7-18-10	
Nitrobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Isophorone	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Nitrophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4-Dimethylphenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
bis(2-Chloroethoxy)methane	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4-Dichlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,2,4-Trichlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Naphthalene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
4-Chloroaniline	ND	9.5	EPA 8270	7-16-10	7-18-10	
Hexachlorobutadiene	ND	0.95	EPA 8270	7-16-10	7-18-10	
4-Chloro-3-methylphenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Methylnaphthalene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
1-Methylnaphthalene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Hexachlorocyclopentadiene	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4,6-Trichlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,3-Dichloroaniline	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4,5-Trichlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Chloronaphthalene	ND	0.95	EPA 8270	7-16-10	7-18-10	
2-Nitroaniline	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,4-Dinitrobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Dimethylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,3-Dinitrobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,6-Dinitrotoluene	ND	0.95	EPA 8270	7-16-10	7-18-10	
1,2-Dinitrobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Acenaphthylene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
3-Nitroaniline	ND	0.95	EPA 8270	7-16-10	7-18-10	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-12-GW-071410					
Laboratory ID:	07-098-14					
2,4-Dinitrophenol	ND	9.5	EPA 8270	7-16-10	7-18-10	
Acenaphthene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
4-Nitrophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,4-Dinitrotoluene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Dibenzofuran	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,3,5,6-Tetrachlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
2,3,4,6-Tetrachlorophenol	ND	0.95	EPA 8270	7-16-10	7-18-10	
Diethylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
4-Chlorophenyl-phenylether	ND	0.95	EPA 8270	7-16-10	7-18-10	
4-Nitroaniline	ND	0.95	EPA 8270	7-16-10	7-18-10	
Fluorene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	7-16-10	7-18-10	
n-Nitrosodiphenylamine	ND	9.5	EPA 8270	7-16-10	7-18-10	
1,2-Diphenylhydrazine	ND	0.95	EPA 8270	7-16-10	7-18-10	
4-Bromophenyl-phenylether	ND	0.95	EPA 8270	7-16-10	7-18-10	
Hexachlorobenzene	ND	0.95	EPA 8270	7-16-10	7-18-10	
Pentachlorophenol	ND	4.8	EPA 8270	7-16-10	7-18-10	
Phenanthrene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Anthracene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Carbazole	ND	0.95	EPA 8270	7-16-10	7-18-10	
Di-n-butylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
Fluoranthene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Benzidine	ND	9.5	EPA 8270	7-16-10	7-18-10	
Pyrene	ND	0.095	EPA 8270/SIM	7-16-10	7-17-10	
Butylbenzylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
bis-2-Ethylhexyladipate	ND	0.95	EPA 8270	7-16-10	7-18-10	
3,3'-Dichlorobenzidine	ND	9.5	EPA 8270	7-16-10	7-18-10	
Benzo[a]anthracene	ND	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Chrysene	ND	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
bis(2-Ethylhexyl)phthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
Di-n-octylphthalate	ND	0.95	EPA 8270	7-16-10	7-18-10	
Benzo[b]fluoranthene	ND	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[k]fluoranthene	ND	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[a]pyrene	ND	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Indeno[1,2,3-cd]pyrene	ND	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Dibenz[a,h]anthracene	ND	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
Benzo[g,h,i]perylene	ND	0.0095	EPA 8270/SIM	7-16-10	7-17-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>29</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>22</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>50</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>51</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>57</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>70</i>	<i>57 - 114</i>				

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
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 Project: 2009-138

**SEMIVOLATILES by EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0716W1					
n-Nitrosodimethylamine	ND	1.0	EPA 8270	7-16-10	7-17-10	
Pyridine	ND	10	EPA 8270	7-16-10	7-17-10	
Phenol	ND	1.0	EPA 8270	7-16-10	7-17-10	
Aniline	ND	5.0	EPA 8270	7-16-10	7-17-10	
bis(2-Chloroethyl)ether	ND	1.0	EPA 8270	7-16-10	7-17-10	
2-Chlorophenol	ND	1.0	EPA 8270	7-16-10	7-17-10	
1,3-Dichlorobenzene	ND	1.0	EPA 8270	7-16-10	7-17-10	
1,4-Dichlorobenzene	ND	1.0	EPA 8270	7-16-10	7-17-10	
Benzyl alcohol	ND	1.0	EPA 8270	7-16-10	7-17-10	
1,2-Dichlorobenzene	ND	1.0	EPA 8270	7-16-10	7-17-10	
2-Methylphenol (o-Cresol)	ND	1.0	EPA 8270	7-16-10	7-17-10	
bis(2-Chloroisopropyl)ether	ND	1.0	EPA 8270	7-16-10	7-17-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	1.0	EPA 8270	7-16-10	7-17-10	
n-Nitroso-di-n-propylamine	ND	1.0	EPA 8270	7-16-10	7-17-10	
Hexachloroethane	ND	1.0	EPA 8270	7-16-10	7-17-10	
Nitrobenzene	ND	1.0	EPA 8270	7-16-10	7-17-10	
Isophorone	ND	1.0	EPA 8270	7-16-10	7-17-10	
2-Nitrophenol	ND	1.0	EPA 8270	7-16-10	7-17-10	
2,4-Dimethylphenol	ND	1.0	EPA 8270	7-16-10	7-17-10	
bis(2-Chloroethoxy)methane	ND	1.0	EPA 8270	7-16-10	7-17-10	
2,4-Dichlorophenol	ND	1.0	EPA 8270	7-16-10	7-17-10	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8270	7-16-10	7-17-10	
Naphthalene	ND	0.10	EPA 8270/SIM	7-16-10	7-16-10	
4-Chloroaniline	ND	10	EPA 8270	7-16-10	7-17-10	
Hexachlorobutadiene	ND	1.0	EPA 8270	7-16-10	7-17-10	
4-Chloro-3-methylphenol	ND	1.0	EPA 8270	7-16-10	7-17-10	
2-Methylnaphthalene	ND	0.10	EPA 8270/SIM	7-16-10	7-16-10	
1-Methylnaphthalene	ND	0.10	EPA 8270/SIM	7-16-10	7-16-10	
Hexachlorocyclopentadiene	ND	1.0	EPA 8270	7-16-10	7-17-10	
2,4,6-Trichlorophenol	ND	1.0	EPA 8270	7-16-10	7-17-10	
2,3-Dichloroaniline	ND	1.0	EPA 8270	7-16-10	7-17-10	
2,4,5-Trichlorophenol	ND	1.0	EPA 8270	7-16-10	7-17-10	
2-Chloronaphthalene	ND	1.0	EPA 8270	7-16-10	7-17-10	
2-Nitroaniline	ND	1.0	EPA 8270	7-16-10	7-17-10	
1,4-Dinitrobenzene	ND	1.0	EPA 8270	7-16-10	7-17-10	
Dimethylphthalate	ND	1.0	EPA 8270	7-16-10	7-17-10	
1,3-Dinitrobenzene	ND	1.0	EPA 8270	7-16-10	7-17-10	
2,6-Dinitrotoluene	ND	1.0	EPA 8270	7-16-10	7-17-10	
1,2-Dinitrobenzene	ND	1.0	EPA 8270	7-16-10	7-17-10	
Acenaphthylene	ND	0.10	EPA 8270/SIM	7-16-10	7-16-10	
3-Nitroaniline	ND	1.0	EPA 8270	7-16-10	7-17-10	

Date of Report: July 29, 2010
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SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0716W1					
2,4-Dinitrophenol	ND	10	EPA 8270	7-16-10	7-17-10	
Acenaphthene	ND	0.10	EPA 8270/SIM	7-16-10	7-16-10	
4-Nitrophenol	ND	1.0	EPA 8270	7-16-10	7-17-10	
2,4-Dinitrotoluene	ND	1.0	EPA 8270	7-16-10	7-17-10	
Dibenzofuran	ND	1.0	EPA 8270	7-16-10	7-17-10	
2,3,5,6-Tetrachlorophenol	ND	1.0	EPA 8270	7-16-10	7-17-10	
2,3,4,6-Tetrachlorophenol	ND	1.0	EPA 8270	7-16-10	7-17-10	
Diethylphthalate	ND	1.0	EPA 8270	7-16-10	7-17-10	
4-Chlorophenyl-phenylether	ND	1.0	EPA 8270	7-16-10	7-17-10	
4-Nitroaniline	ND	1.0	EPA 8270	7-16-10	7-17-10	
Fluorene	ND	0.10	EPA 8270/SIM	7-16-10	7-16-10	
4,6-Dinitro-2-methylphenol	ND	5.0	EPA 8270	7-16-10	7-17-10	
n-Nitrosodiphenylamine	ND	10	EPA 8270	7-16-10	7-17-10	
1,2-Diphenylhydrazine	ND	1.0	EPA 8270	7-16-10	7-17-10	
4-Bromophenyl-phenylether	ND	1.0	EPA 8270	7-16-10	7-17-10	
Hexachlorobenzene	ND	1.0	EPA 8270	7-16-10	7-17-10	
Pentachlorophenol	ND	5.0	EPA 8270	7-16-10	7-17-10	
Phenanthrene	ND	0.10	EPA 8270/SIM	7-16-10	7-16-10	
Anthracene	ND	0.10	EPA 8270/SIM	7-16-10	7-16-10	
Carbazole	ND	1.0	EPA 8270	7-16-10	7-17-10	
Di-n-butylphthalate	ND	1.0	EPA 8270	7-16-10	7-17-10	
Fluoranthene	ND	0.10	EPA 8270/SIM	7-16-10	7-16-10	
Benzidine	ND	10	EPA 8270	7-16-10	7-17-10	
Pyrene	ND	0.10	EPA 8270/SIM	7-16-10	7-16-10	
Butylbenzylphthalate	ND	1.0	EPA 8270	7-16-10	7-17-10	
bis-2-Ethylhexyladipate	ND	1.0	EPA 8270	7-16-10	7-17-10	
3,3'-Dichlorobenzidine	ND	10	EPA 8270	7-16-10	7-17-10	
Benzo[a]anthracene	ND	0.010	EPA 8270/SIM	7-16-10	7-16-10	
Chrysene	ND	0.010	EPA 8270/SIM	7-16-10	7-16-10	
bis(2-Ethylhexyl)phthalate	ND	1.0	EPA 8270	7-16-10	7-17-10	
Di-n-octylphthalate	ND	1.0	EPA 8270	7-16-10	7-17-10	
Benzo[b]fluoranthene	ND	0.010	EPA 8270/SIM	7-16-10	7-16-10	
Benzo[k]fluoranthene	ND	0.010	EPA 8270/SIM	7-16-10	7-16-10	
Benzo[a]pyrene	ND	0.010	EPA 8270/SIM	7-16-10	7-16-10	
Indeno[1,2,3-cd]pyrene	ND	0.010	EPA 8270/SIM	7-16-10	7-16-10	
Dibenz[a,h]anthracene	ND	0.010	EPA 8270/SIM	7-16-10	7-16-10	
Benzo[g,h,i]perylene	ND	0.010	EPA 8270/SIM	7-16-10	7-16-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>48</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>36</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>75</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>69</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>76</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>87</i>	<i>57 - 114</i>				

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

**SEMIVOLATILES by EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	Limits	Limit		
SPIKE BLANKS										
Laboratory ID:	SB0716W1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	14.7	15.4	40.0	40.0	37	39	24 - 70	5	26	
2-Chlorophenol	25.3	27.5	40.0	40.0	63	69	36 - 116	8	28	
1,4-Dichlorobenzene	11.5	11.7	20.0	20.0	58	59	30 - 107	2	31	
n-Nitroso-di-n-propylamine	13.7	13.4	20.0	20.0	69	67	35 - 114	2	26	
1,2,4-Trichlorobenzene	12.2	12.1	20.0	20.0	61	61	29 - 108	1	29	
4-Chloro-3-methylphenol	33.8	34.5	40.0	40.0	85	86	56 - 108	2	17	
Acenaphthene	14.8	14.1	20.0	20.0	74	71	49 - 104	5	21	
4-Nitrophenol	16.6	18.7	40.0	40.0	42	47	17 - 86	12	23	
2,4-Dinitrotoluene	16.3	15.6	20.0	20.0	82	78	52 - 106	4	17	
Pentachlorophenol	31.9	34.7	40.0	40.0	80	87	45 - 110	8	24	
Pyrene	17.2	17.1	20.0	20.0	86	86	65 - 103	1	16	
<i>Surrogate:</i>										
2-Fluorophenol					39	44	14 - 95			
Phenol-d6					34	35	10 - 94			
Nitrobenzene-d5					73	73	34 - 118			
2-Fluorobiphenyl					73	71	42 - 111			
2,4,6-Tribromophenol					70	74	52 - 117			
Terphenyl-d14					91	89	57 - 114			

Date of Report: July 29, 2010
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 Project: 2009-138

**SEMIVOLATILES by EPA 8270D/SIM
 MS/MSD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD	RPD	Flags
	MS	MSD	MS	MSD	Result	Recovery	Limits	RPD	Limit		
MATRIX SPIKES											
Laboratory ID:	07-098-02										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	14.8	9.03	38.0	37.9	ND	39	24	24 - 125	48	27	I,L
2-Chlorophenol	29.9	17.8	38.0	37.9	ND	79	47	37 - 118	51	29	L
1,4-Dichlorobenzene	13.0	7.74	19.0	18.9	ND	68	41	31 - 103	51	33	L
n-Nitroso-di-n-propylamine	14.7	8.93	19.0	18.9	ND	77	47	23 - 135	49	28	L
1,2,4-Trichlorobenzene	13.1	7.83	19.0	18.9	ND	69	41	32 - 107	50	33	L
4-Chloro-3-methylphenol	35.1	23.4	38.0	37.9	ND	92	62	58 - 122	40	24	L
Acenaphthene	14.2	9.18	19.0	18.9	ND	75	49	53 - 112	43	21	I,L
4-Nitrophenol	17.3	12.8	38.0	37.9	ND	46	34	24 - 134	30	27	L
2,4-Dinitrotoluene	15.7	11.2	19.0	18.9	ND	83	59	57 - 116	33	32	L
Pentachlorophenol	34.2	25.3	38.0	37.9	ND	90	67	39 - 144	30	30	
Pyrene	16.8	12.6	19.0	18.9	ND	88	67	65 - 116	29	21	L
<i>Surrogate:</i>											
2-Fluorophenol						47	29	14 - 95			
Phenol-d6						34	21	10 - 94			
Nitrobenzene-d5						80	50	34 - 118			
2-Fluorobiphenyl						76	47	42 - 111			
2,4,6-Tribromophenol						77	56	52 - 117			
Terphenyl-d14						92	71	57 - 114			

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VOLATILES by EPA 8260B

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Date Extracted: 7-16-10
 Date Analyzed: 7-16-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-01
Client ID: WSP-MW-01-GW-071210

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.25		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	0.49		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
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 Project: 2009-138

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Lab ID: 07-098-01
 Client ID: WSP-MW-01-GW-071210

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	87		71-126
Toluene-d8	80		76-116
4-Bromofluorobenzene	79		70-123

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Date Extracted: 7-16-10
 Date Analyzed: 7-16-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-02
Client ID: WSP-MW-02-GW-071210

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.72		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	2.4		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 07-098-02
 Client ID: WSP-MW-02-GW-071210

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	86		71-126
Toluene-d8	86		76-116
4-Bromofluorobenzene	83		70-123

Date of Report: July 29, 2010
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Date Extracted: 7-16-10
 Date Analyzed: 7-16-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-05
Client ID: WSP-MW-03-GW-071310

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.89		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	2.1		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 07-098-05
 Client ID: WSP-MW-03-GW-071310

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	84		71-126
Toluene-d8	82		76-116
4-Bromofluorobenzene	82		70-123

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Date Extracted: 7-16-10
 Date Analyzed: 7-16-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-06
Client ID: WSP-MW-09-GW-071310

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.59		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	1.3		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 07-098-06
 Client ID: WSP-MW-09-GW-071310

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.72		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	79		71-126
Toluene-d8	82		76-116
4-Bromofluorobenzene	80		70-123

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Date Extracted: 7-16-10
 Date Analyzed: 7-16-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-07
Client ID: WSP-MW-13-GW-071310

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.96		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 07-098-07
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Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.21		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	80		71-126
Toluene-d8	81		76-116
4-Bromofluorobenzene	79		70-123

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Date Extracted: 7-16-10
 Date Analyzed: 7-16-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-08
Client ID: WSP-MW-14-GW-071310

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.74		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	0.87		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.94		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	82		71-126
Toluene-d8	80		76-116
4-Bromofluorobenzene	82		70-123

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Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-09

Client ID: WSP-TB-01-071310

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	84		71-126
Toluene-d8	86		76-116
4-Bromofluorobenzene	84		70-123

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Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-10

Client ID: WSP-TB-02-071310

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	87		71-126
Toluene-d8	87		76-116
4-Bromofluorobenzene	83		70-123

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Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-11

Client ID: WSP-TB-03-071310

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	85		71-126
Toluene-d8	86		76-116
4-Bromofluorobenzene	85		70-123

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Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-12
Client ID: WSP-MW-10-GW-071410

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	1.4		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.22		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	81		71-126
Toluene-d8	81		76-116
4-Bromofluorobenzene	79		70-123

Date of Report: July 29, 2010
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 Project: 2009-138

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Date Extracted: 7-16-10
 Date Analyzed: 7-16-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-13
Client ID: WSP-MW-11-GW-071410

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.81		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	0.62		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 07-098-13
 Client ID: WSP-MW-11-GW-071410

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	1.5		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	85		71-126
Toluene-d8	88		76-116
4-Bromofluorobenzene	88		70-123

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Date Extracted: 7-16-10
 Date Analyzed: 7-16-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-14

Client ID: WSP-MW-12-GW-071410

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.67		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	1.7		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 07-098-14
 Client ID: WSP-MW-12-GW-071410

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.39		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	88		71-126
Toluene-d8	86		76-116
4-Bromofluorobenzene	87		70-123

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
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**VOLATILES by EPA 8260B
 METHOD BLANK QUALITY CONTROL**

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Date Extracted: 7-16-10
 Date Analyzed: 7-16-10
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: MB0716W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0716W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	83	71-126
Toluene-d8	82	76-116
4-Bromofluorobenzene	81	70-123

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

**VOLATILES by EPA 8260B
 MS/MSD QUALITY CONTROL**

Date Extracted: 7-16-10

Date Analyzed: 7-16-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-098-02

Compound	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	ND	10.0	8.15	82	8.02	80	70-130	
Benzene	ND	10.0	8.94	89	9.10	91	74-125	
Trichloroethene	2.37	10.0	12.4	100	12.0	96	77-117	
Toluene	ND	10.0	9.60	96	9.47	95	79-119	
Chlorobenzene	ND	10.0	9.88	99	9.61	96	85-112	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	2	13	
Benzene	2	11	
Trichloroethene	3	11	
Toluene	1	11	
Chlorobenzene	3	10	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

NWTPH-Dx
 (with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: WSP-MW-01-GW-071210						
Laboratory ID: 07-098-01						
Diesel Range Organics	ND	0.27	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.43	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	65	50-150				
Client ID: WSP-MW-02-GW-071210						
Laboratory ID: 07-098-02						
Diesel Range Organics	ND	0.26	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	73	50-150				
Client ID: WSP-MW-03-GW-071310						
Laboratory ID: 07-098-05						
Diesel Range Organics	ND	0.26	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	76	50-150				
Client ID: WSP-MW-09-GW-071310						
Laboratory ID: 07-098-06						
Diesel Range Organics	ND	0.26	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	72	50-150				
Client ID: WSP-MW-13-GW-071310						
Laboratory ID: 07-098-07						
Diesel Range Organics	ND	0.26	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	66	50-150				

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

NWTPH-Dx
 (with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-14-GW-071310					
Laboratory ID:	07-098-08					
Diesel Range Organics	ND	0.26	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	65	50-150				

Client ID:	WSP-MW-10-GW-071410					
Laboratory ID:	07-098-12					
Diesel Range Organics	ND	0.26	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	62	50-150				

Client ID:	WSP-MW-11-GW-071410					
Laboratory ID:	07-098-13					
Diesel Range Organics	ND	0.26	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	67	50-150				

Client ID:	WSP-MW-12-GW-071410					
Laboratory ID:	07-098-14					
Diesel Range Organics	ND	0.25	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	57	50-150				

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0721W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>70</i>	<i>50-150</i>				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	07-098-01						
	ORIG	DUP					
Diesel Range Organics	ND	ND			NA	NA	
Lube Oil Range Organics	ND	ND			NA	NA	
<i>Surrogate:</i>							
<i>o-Terphenyl</i>			<i>65</i>	<i>73</i>	<i>50-150</i>		

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	07-098-01					
Client ID:	WSP-MW-01-GW-071210					
Arsenic	ND	3.3	200.8	7-27-10	7-27-10	
Cadmium	ND	4.4	200.8	7-27-10	7-27-10	
Calcium	95000	1100	6010B	7-27-10	7-27-10	
Chromium	ND	11	200.8	7-27-10	7-27-10	
Copper	ND	11	200.8	7-27-10	7-27-10	
Magnesium	38000	1100	6010B	7-27-10	7-27-10	
Manganese	ND	11	200.8	7-27-10	7-27-10	
Mercury	ND	0.50	7470A	7-27-10	7-27-10	
Sodium	20000	1100	6010B	7-27-10	7-27-10	

Lab ID:	07-098-02					
Client ID:	WSP-MW-02-GW-071210					
Arsenic	ND	3.3	200.8	7-27-10	7-27-10	
Cadmium	ND	4.4	200.8	7-27-10	7-27-10	
Calcium	66000	1100	6010B	7-27-10	7-27-10	
Chromium	ND	11	200.8	7-27-10	7-27-10	
Copper	ND	11	200.8	7-27-10	7-27-10	
Magnesium	27000	1100	6010B	7-27-10	7-27-10	
Manganese	ND	11	200.8	7-27-10	7-27-10	
Mercury	ND	0.50	7470A	7-27-10	7-27-10	
Sodium	20000	1100	6010B	7-27-10	7-27-10	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	07-098-05					
Client ID:	WSP-MW-03-GW-071310					
Arsenic	ND	3.3	200.8	7-27-10	7-27-10	
Cadmium	ND	4.4	200.8	7-27-10	7-27-10	
Calcium	73000	1100	6010B	7-27-10	7-27-10	
Chromium	ND	11	200.8	7-27-10	7-27-10	
Copper	ND	11	200.8	7-27-10	7-27-10	
Magnesium	30000	1100	6010B	7-27-10	7-27-10	
Manganese	27	11	200.8	7-27-10	7-27-10	
Mercury	ND	0.50	7470A	7-27-10	7-27-10	
Sodium	18000	1100	6010B	7-27-10	7-27-10	

Lab ID: 07-098-06
Client ID: WSP-MW-09-GW-071310

Arsenic	ND	3.3	200.8	7-27-10	7-27-10	
Cadmium	ND	4.4	200.8	7-27-10	7-27-10	
Calcium	62000	1100	6010B	7-27-10	7-27-10	
Chromium	ND	11	200.8	7-27-10	7-27-10	
Copper	ND	11	200.8	7-27-10	7-27-10	
Magnesium	24000	1100	6010B	7-27-10	7-27-10	
Manganese	21	11	200.8	7-27-10	7-27-10	
Mercury	ND	0.50	7470A	7-27-10	7-27-10	
Sodium	15000	1100	6010B	7-27-10	7-27-10	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
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TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	07-098-07					
Client ID:	WSP-MW-13-GW-071310					
Arsenic	ND	3.3	200.8	7-27-10	7-27-10	
Cadmium	ND	4.4	200.8	7-27-10	7-27-10	
Calcium	81000	1100	6010B	7-27-10	7-27-10	
Chromium	ND	11	200.8	7-27-10	7-27-10	
Copper	ND	11	200.8	7-27-10	7-27-10	
Magnesium	32000	1100	6010B	7-27-10	7-27-10	
Manganese	37	11	200.8	7-27-10	7-27-10	
Mercury	ND	0.50	7470A	7-27-10	7-27-10	
Sodium	46000	1100	6010B	7-27-10	7-27-10	

Lab ID: 07-098-08

Client ID: WSP-MW-14-GW-071310

Arsenic	ND	3.3	200.8	7-27-10	7-27-10	
Cadmium	ND	4.4	200.8	7-27-10	7-27-10	
Calcium	74000	1100	6010B	7-27-10	7-27-10	
Chromium	ND	11	200.8	7-27-10	7-27-10	
Copper	ND	11	200.8	7-27-10	7-27-10	
Magnesium	31000	1100	6010B	7-27-10	7-27-10	
Manganese	29	11	200.8	7-27-10	7-27-10	
Mercury	ND	0.50	7470A	7-27-10	7-27-10	
Sodium	31000	1100	6010B	7-27-10	7-27-10	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	07-098-12					
Client ID:	WSP-MW-10-GW-071410					
Arsenic	ND	3.3	200.8	7-27-10	7-27-10	
Cadmium	ND	4.4	200.8	7-27-10	7-27-10	
Calcium	56000	1100	6010B	7-27-10	7-27-10	
Chromium	ND	11	200.8	7-27-10	7-27-10	
Copper	ND	11	200.8	7-27-10	7-27-10	
Magnesium	23000	1100	6010B	7-27-10	7-27-10	
Manganese	39	11	200.8	7-27-10	7-27-10	
Mercury	ND	0.50	7470A	7-27-10	7-27-10	
Sodium	41000	1100	6010B	7-27-10	7-27-10	

Lab ID: 07-098-13
Client ID: WSP-MW-11-GW-071410

Arsenic	ND	3.3	200.8	7-27-10	7-27-10	
Cadmium	ND	4.4	200.8	7-27-10	7-27-10	
Calcium	74000	1100	6010B	7-27-10	7-27-10	
Chromium	ND	11	200.8	7-27-10	7-27-10	
Copper	ND	11	200.8	7-27-10	7-27-10	
Magnesium	29000	1100	6010B	7-27-10	7-27-10	
Manganese	65	11	200.8	7-27-10	7-27-10	
Mercury	ND	0.50	7470A	7-27-10	7-27-10	
Sodium	57000	1100	6010B	7-27-10	7-27-10	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	07-098-14					
Client ID:	WSP-MW-12-GW-071410					
Arsenic	ND	3.3	200.8	7-27-10	7-27-10	
Cadmium	ND	4.4	200.8	7-27-10	7-27-10	
Calcium	67000	1100	6010B	7-27-10	7-27-10	
Chromium	12	11	200.8	7-27-10	7-27-10	
Copper	ND	11	200.8	7-27-10	7-27-10	
Magnesium	27000	1100	6010B	7-27-10	7-27-10	
Manganese	210	11	200.8	7-27-10	7-27-10	
Mercury	ND	0.50	7470A	7-27-10	7-27-10	
Sodium	29000	1100	6010B	7-27-10	7-27-10	

Date of Report: July 29, 2010
Samples Submitted: July 15, 2010
Laboratory Reference: 1007-098
Project: 2009-138

**TOTAL METALS
EPA 200.8/6010B/7470A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 7-27-10
Date Analyzed: 7-27-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0727W1&MB0727W2

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.3
Cadmium	200.8	ND	4.4
Calcium	6010B	ND	1100
Chromium	200.8	ND	11
Copper	200.8	ND	11
Magnesium	6010B	ND	1100
Manganese	200.8	ND	11
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

**TOTAL METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 7-27-10

Date Analyzed: 7-27-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-098-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.3	
Cadmium	ND	ND	NA	4.4	
Calcium	66200	67300	2	1100	
Chromium	ND	ND	NA	11	
Copper	ND	ND	NA	11	
Magnesium	27400	27300	0	1100	
Manganese	ND	ND	NA	11	
Mercury	ND	ND	NA	1.30	
Sodium	20400	20400	0	1100	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

TOTAL METALS
EPA 200.8/6010B/7470A
MS/MSD QUALITY CONTROL

Date Extracted: 7-27-10

Date Analyzed: 7-27-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-098-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	109	99	107	98	1	
Cadmium	110	107	97	107	98	0	
Calcium	22000	83700	80	85900	89	3	
Chromium	110	99.1	90	97.9	89	1	
Copper	110	102	93	100	91	2	
Magnesium	22000	46500	86	46700	87	0	
Manganese	110	102	93	100	91	2	
Mercury	12.5	12.0	96	12.2	97	2	
Sodium	22000	41200	95	40700	92	1	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
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 Project: 2009-138

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	07-098-01					
Client ID:	WSP-MW-01-GW-071210					
Arsenic	ND	3.0	200.8		7-26-10	
Cadmium	ND	4.0	200.8		7-26-10	
Calcium	95000	1100	6010B		7-27-10	
Chromium	ND	10	200.8		7-26-10	
Copper	ND	10	200.8		7-26-10	
Magnesium	37000	1100	6010B		7-27-10	
Manganese	ND	10	200.8		7-26-10	
Mercury	ND	0.50	7470A		7-27-10	
Sodium	20000	1100	6010B		7-27-10	

Lab ID:	07-098-02					
Client ID:	WSP-MW-02-GW-071210					
Arsenic	ND	3.0	200.8		7-26-10	
Cadmium	ND	4.0	200.8		7-26-10	
Calcium	67000	1100	6010B		7-27-10	
Chromium	ND	10	200.8		7-26-10	
Copper	ND	10	200.8		7-26-10	
Magnesium	28000	1100	6010B		7-27-10	
Manganese	ND	10	200.8		7-26-10	
Mercury	ND	0.5	7470A		7-27-10	
Sodium	21000	1100	6010B		7-27-10	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
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 Project: 2009-138

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	07-098-05					
Client ID:	WSP-MW-03-GW-071310					
Arsenic	ND	3.0	200.8		7-26-10	
Cadmium	ND	4.0	200.8		7-26-10	
Calcium	73000	1100	6010B		7-27-10	
Chromium	ND	10	200.8		7-26-10	
Copper	ND	10	200.8		7-26-10	
Magnesium	31000	1100	6010B		7-27-10	
Manganese	ND	10	200.8		7-26-10	
Mercury	ND	0.50	7470A		7-27-10	
Sodium	18000	1100	6010B		7-27-10	

Lab ID:	07-098-06					
Client ID:	WSP-MW-09-GW-071310					
Arsenic	ND	3.0	200.8		7-26-10	
Cadmium	ND	4.0	200.8		7-26-10	
Calcium	62000	1100	6010B		7-27-10	
Chromium	ND	10	200.8		7-26-10	
Copper	ND	10	200.8		7-26-10	
Magnesium	25000	1100	6010B		7-27-10	
Manganese	11	10	200.8		7-26-10	
Mercury	ND	0.50	7470A		7-27-10	
Sodium	15000	1100	6010B		7-27-10	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
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 Project: 2009-138

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	07-098-07					
Client ID:	WSP-MW-13-GW-071310					
Arsenic	ND	3.0	200.8		7-26-10	
Cadmium	ND	4.0	200.8		7-26-10	
Calcium	81000	1100	6010B		7-27-10	
Chromium	ND	10	200.8		7-26-10	
Copper	ND	10	200.8		7-26-10	
Magnesium	32000	1100	6010B		7-27-10	
Manganese	ND	10	200.8		7-26-10	
Mercury	ND	0.50	7470A		7-27-10	
Sodium	46000	1100	6010B		7-27-10	

Lab ID:	07-098-08					
Client ID:	WSP-MW-14-GW-071310					
Arsenic	ND	3.0	200.8		7-26-10	
Cadmium	ND	4.0	200.8		7-26-10	
Calcium	76000	1100	6010B		7-27-10	
Chromium	ND	10	200.8		7-26-10	
Copper	ND	10	200.8		7-26-10	
Magnesium	32000	1100	6010B		7-27-10	
Manganese	ND	10	200.8		7-26-10	
Mercury	ND	0.50	7470A		7-27-10	
Sodium	32000	1100	6010B		7-27-10	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
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DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	07-098-12					
Client ID:	WSP-MW-10-GW-071410					
Arsenic	ND	3.0	200.8		7-26-10	
Cadmium	ND	4.0	200.8		7-26-10	
Calcium	58000	1100	6010B		7-27-10	
Chromium	ND	10	200.8		7-26-10	
Copper	ND	10	200.8		7-26-10	
Magnesium	23000	1100	6010B		7-27-10	
Manganese	ND	10	200.8		7-26-10	
Mercury	ND	0.50	7470A		7-27-10	
Sodium	41000	1100	6010B		7-27-10	

Lab ID:	07-098-13					
Client ID:	WSP-MW-11-GW-071410					
Arsenic	ND	3.0	200.8		7-26-10	
Cadmium	ND	4.0	200.8		7-26-10	
Calcium	73000	1100	6010B		7-27-10	
Chromium	ND	10	200.8		7-26-10	
Copper	ND	10	200.8		7-26-10	
Magnesium	29000	1100	6010B		7-27-10	
Manganese	ND	10	200.8		7-26-10	
Mercury	ND	0.50	7470A		7-27-10	
Sodium	58000	1100	6010B		7-27-10	

Date of Report: July 29, 2010
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DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	07-098-14					
Client ID:	WSP-MW-12-GW-071410					
Arsenic	ND	3.0	200.8		7-26-10	
Cadmium	ND	4.0	200.8		7-26-10	
Calcium	65000	1100	6010B		7-27-10	
Chromium	ND	10	200.8		7-26-10	
Copper	ND	10	200.8		7-26-10	
Magnesium	26000	1100	6010B		7-27-10	
Manganese	ND	10	200.8		7-26-10	
Mercury	ND	0.50	7470A		7-27-10	
Sodium	29000	1100	6010B		7-27-10	

Date of Report: July 29, 2010
Samples Submitted: July 15, 2010
Laboratory Reference: 1007-098
Project: 2009-138

**DISSOLVED METALS
EPA 200.8/6010B/7470A
METHOD BLANK QUALITY CONTROL**

Date Analyzed: 7-26&27-10
Matrix: Water
Units: ug/L (ppb)
Lab ID: MB0720F1&MB0727D2

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Cadmium	200.8	ND	4.0
Calcium	6010B	ND	1100
Chromium	200.8	ND	10
Copper	200.8	ND	10
Magnesium	6010B	ND	1100
Manganese	200.8	ND	10
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Analyzed: 7-26&27-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.0	
Cadmium	ND	ND	NA	4.0	
Calcium	66500	67600	2	1100	
Chromium	ND	ND	NA	10	
Copper	ND	ND	NA	10	
Magnesium	28200	28100	0	1100	
Manganese	ND	ND	NA	10	
Mercury	ND	ND	NA	0.5	
Sodium	20700	20900	1	1100	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 MS/MSD QUALITY CONTROL**

Date Analyzed: 7-26&27-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	216	108	215	108	0	
Cadmium	200	199	99	200	100	1	
Calcium	22000	84400	81	85400	86	1	
Chromium	200	175	88	183	91	4	
Copper	200	191	95	192	96	1	
Magnesium	22000	46800	85	46400	83	1	
Manganese	200	176	88	178	89	1	
Mercury	12.5	12.1	97	11.9	95	2	
Sodium	22000	40700	91	39700	86	3	

Date of Report: July 29, 2010
Samples Submitted: July 15, 2010
Laboratory Reference: 1007-098
Project: 2009-138

**TOTAL DISSOLVED SOLIDS
SM 2540C**

Date Analyzed: 7-21-10

Matrix: Water
Units: mg/L

Client ID	Lab ID	Result	PQL
WSP-MW-01-GW-071210	07-098-01	560	13
WSP-MW-02-GW-071210	07-098-02	440	13
WSP-MW-03-GW-071310	07-098-05	460	13
WSP-MW-09-GW-071310	07-098-06	400	13
WSP-MW-13-GW-071310	07-098-07	680	13
WSP-MW-14-GW-071310	07-098-08	540	13
WSP-MW-10-GW-071410	07-098-12	470	13
WSP-MW-11-GW-071410	07-098-13	580	13
WSP-MW-12-GW-071410	07-098-14	500	13

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

**TOTAL DISSOLVED SOLIDS
 SM 2540C
 QUALITY CONTROL**

Date Analyzed: 7-21-10

Matrix: Water
 Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0720W1	ND	13

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0720W1	480	500	96	89-107	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
07-098-02	436	444	2	12	

Date of Report: July 29, 2010
Samples Submitted: July 15, 2010
Laboratory Reference: 1007-098
Project: 2009-138

SULFATE
ASTM D516-02

Date Analyzed: 7-26-10

Matrix: Water

Units: mg/L

Client ID	Lab ID	Result	PQL
WSP-MW-01-GW-071210	07-098-01	48	10
WSP-MW-02-GW-071210	07-098-02	24	10
WSP-MW-03-GW-071310	07-098-05	23	10
WSP-MW-09-GW-071310	07-098-06	25	10
WSP-MW-13-GW-071310	07-098-07	63	50
WSP-MW-14-GW-071310	07-098-08	39	10
WSP-MW-10-GW-071410	07-098-12	43	10
WSP-MW-11-GW-071410	07-098-13	55	25
WSP-MW-12-GW-071410	07-098-14	35	25

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

**SULFATE
 ASTM D516-02
 QUALITY CONTROL**

Date Analyzed: 7-26-10

Matrix: Water

Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0726W1	ND	5.0

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0726W1	10.1	10.0	101	90-114	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
07-098-02	24.0				
Matrix Spike	42.5	20.0	93	84-116	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
07-098-02	24.0	23.3	3	8	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

**ALKALINITY
 EPA 310.2**

Date Analyzed: 7-29-10
 Matrix: Water
 Units: mg CaCO3/L

Client ID	Lab ID	Carbonate Alkalinity	Bicarbonate Concentration	PQL
WSP-MW-01-GW-071210	07-098-01	ND	330	20
WSP-MW-02-GW-071210	07-098-02	ND	240	20
WSP-MW-03-GW-071310	07-098-05	ND	250	20
WSP-MW-09-GW-071310	07-098-06	ND	200	20
WSP-MW-13-GW-071310	07-098-07	ND	290	20
WSP-MW-14-GW-071310	07-098-08	ND	280	20
WSP-MW-10-GW-071410	07-098-12	ND	250	20
WSP-MW-11-GW-071410	07-098-13	ND	340	20
WSP-MW-12-GW-071410	07-098-14	ND	270	20

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

**ALKALINITY
 EPA 310.2
 QUALITY CONTROL**

Date Analyzed: 7-29-10
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0729W1	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0729W1	102	100	102	70-130	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
07-098-02	244	240	2	8	

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

NWTPH-Gx

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-01-GW-071210					
Laboratory ID:	07-098-01					
Gasoline	ND	100	NWTPH-Gx	7-19-10	7-19-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	88	74-121				
Client ID:	WSP-MW-02-GW-071210					
Laboratory ID:	07-098-02					
Gasoline	ND	100	NWTPH-Gx	7-19-10	7-19-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	74-121				
Client ID:	WSP-MW-03-GW-071310					
Laboratory ID:	07-098-05					
Gasoline	ND	100	NWTPH-Gx	7-19-10	7-19-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	86	74-121				
Client ID:	WSP-MW-09-GW-071310					
Laboratory ID:	07-098-06					
Gasoline	ND	100	NWTPH-Gx	7-19-10	7-19-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	74-121				
Client ID:	WSP-MW-13-GW-071310					
Laboratory ID:	07-098-07					
Gasoline	ND	100	NWTPH-Gx	7-19-10	7-19-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	86	74-121				
Client ID:	WSP-MW-14-GW-071310					
Laboratory ID:	07-098-08					
Gasoline	ND	100	NWTPH-Gx	7-19-10	7-19-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	74-121				

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
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NWTPH-Gx

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-10-GW-071410					
Laboratory ID:	07-098-12					
Gasoline	ND	100	NWTPH-Gx	7-19-10	7-19-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	74-121				
Client ID:	WSP-MW-11-GW-071410					
Laboratory ID:	07-098-13					
Gasoline	ND	100	NWTPH-Gx	7-19-10	7-19-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	74-121				
Client ID:	WSP-MW-12-GW-071410					
Laboratory ID:	07-098-14					
Gasoline	ND	100	NWTPH-Gx	7-19-10	7-19-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	74-121				

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**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0719W1					
Gasoline	ND	100	NWTPH-Gx	7-19-10	7-19-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>94</i>	<i>74-121</i>				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	07-098-02							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				<i>87</i>	<i>87</i>	<i>74-121</i>		

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Project: 2009-138

**NITRATE (as Nitrogen)
EPA 353.2**

Date Analyzed: 7-22-10

Matrix: Water
Units: mg /L

Client ID	Lab ID	Result	PQL
WSP-MW-01-GW-071210	07-098-01	15	0.25
WSP-MW-02-GW-071210	07-098-02	15	0.50
WSP-MW-03-GW-071310	07-098-05	19	0.25
WSP-MW-09-GW-071310	07-098-06	12	0.25
WSP-MW-13-GW-071310	07-098-07	36	0.50
WSP-MW-14-GW-071310	07-098-08	22	0.25
WSP-MW-10-GW-071410	07-098-12	14	0.25
WSP-MW-11-GW-071410	07-098-13	15	0.25
WSP-MW-12-GW-071410	07-098-14	14	0.25

Date of Report: July 29, 2010
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**NITRATE (as Nitrogen)
 EPA 353.2
 QUALITY CONTROL**

Date Analyzed: 7-22-10

Matrix: Water
 Units: mg /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0722W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0722W1	1.97	2.00	99	83-119	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
07-098-02	15.4				
Matrix Spike	36.9	20.0	108	82-120	

DUPLICATE QUALITY CONTROL

Lab ID	Result	Duplicate Result	RPD	Control Limit	Flag
07-098-02	15.4	15.5	1	14	

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 Project: 2009-138

**PAHs by EPA 8270D/SIM
 (with silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-HH-1-0.5-071410					
Laboratory ID:	07-098-15					
Naphthalene	ND	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
2-Methylnaphthalene	ND	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
1-Methylnaphthalene	ND	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Acenaphthylene	ND	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Acenaphthene	ND	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Fluorene	ND	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Phenanthrene	0.062	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Anthracene	0.013	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Fluoranthene	0.13	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Pyrene	0.14	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[a]anthracene	0.066	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Chrysene	0.089	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[b]fluoranthene	0.050	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[k]fluoranthene	0.058	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[a]pyrene	0.064	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Indeno(1,2,3-c,d)pyrene	0.035	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Dibenz[a,h]anthracene	0.014	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[g,h,i]perylene	0.051	0.0078	EPA 8270/SIM	7-27-10	7-28-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>89</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>109</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>107</i>	<i>41 - 106</i>				Q

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 Project: 2009-138

**PAHs by EPA 8270D/SIM
 (with silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-HH-1-1-071410					
Laboratory ID:	07-098-16					
Naphthalene	ND	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
2-Methylnaphthalene	0.0078	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
1-Methylnaphthalene	ND	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Acenaphthylene	ND	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Acenaphthene	ND	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Fluorene	ND	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Phenanthrene	0.078	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Anthracene	0.016	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Fluoranthene	0.14	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Pyrene	0.13	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[a]anthracene	0.069	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Chrysene	0.094	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[b]fluoranthene	0.063	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[k]fluoranthene	0.067	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[a]pyrene	0.079	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Indeno(1,2,3-c,d)pyrene	0.036	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Dibenz[a,h]anthracene	0.015	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[g,h,i]perylene	0.043	0.0078	EPA 8270/SIM	7-27-10	7-27-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>99</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>109</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>133</i>	<i>41 - 106</i>				Q

Date of Report: July 29, 2010
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**PAHs by EPA 8270D/SIM
 (with silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-HH-2-0.5-071410					
Laboratory ID:	07-098-17					
Naphthalene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
2-Methylnaphthalene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
1-Methylnaphthalene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Acenaphthylene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Acenaphthene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Fluorene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Phenanthrene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Anthracene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Fluoranthene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Pyrene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[a]anthracene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Chrysene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[b]fluoranthene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[k]fluoranthene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[a]pyrene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Indeno(1,2,3-c,d)pyrene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Dibenz[a,h]anthracene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[g,h,i]perylene	ND	0.0081	EPA 8270/SIM	7-27-10	7-28-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>71</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>99</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>100</i>	<i>41 - 106</i>				

Date of Report: July 29, 2010
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 Project: 2009-138

**PAHs by EPA 8270D/SIM
 (with silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-HH-2-1-071410					
Laboratory ID:	07-098-18					
Naphthalene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
2-Methylnaphthalene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
1-Methylnaphthalene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Acenaphthylene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Acenaphthene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Fluorene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Phenanthrene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Anthracene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Fluoranthene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Pyrene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[a]anthracene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Chrysene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[b]fluoranthene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[k]fluoranthene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[a]pyrene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Indeno(1,2,3-c,d)pyrene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Dibenz[a,h]anthracene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[g,h,i]perylene	ND	0.0080	EPA 8270/SIM	7-27-10	7-28-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>66</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>94</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>100</i>	<i>41 - 106</i>				

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**PAHs by EPA 8270D/SIM
 (with silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-HH-3-0.5-071410					
Laboratory ID:	07-098-19					
Naphthalene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
2-Methylnaphthalene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
1-Methylnaphthalene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Acenaphthylene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Acenaphthene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Fluorene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Phenanthrene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Anthracene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Fluoranthene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Pyrene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[a]anthracene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Chrysene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[b]fluoranthene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[k]fluoranthene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[a]pyrene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Indeno(1,2,3-c,d)pyrene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Dibenz[a,h]anthracene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[g,h,i]perylene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>77</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>103</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>104</i>	<i>41 - 106</i>				

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**PAHs by EPA 8270D/SIM
 (with silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-HH-3-1-071410					
Laboratory ID:	07-098-20					
Naphthalene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
2-Methylnaphthalene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
1-Methylnaphthalene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Acenaphthylene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Acenaphthene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Fluorene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Phenanthrene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Anthracene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Fluoranthene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Pyrene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[a]anthracene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Chrysene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[b]fluoranthene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[k]fluoranthene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[a]pyrene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Indeno(1,2,3-c,d)pyrene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Dibenz[a,h]anthracene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[g,h,i]perylene	ND	0.0072	EPA 8270/SIM	7-27-10	7-27-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>82</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>109</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>85</i>	<i>41 - 106</i>				

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**PAHs by EPA 8270D/SIM
 (with silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-HH-4-0.5-071410					
Laboratory ID:	07-098-21					
Naphthalene	0.23	0.0071	EPA 8270/SIM	7-27-10	7-28-10	
2-Methylnaphthalene	0.11	0.0071	EPA 8270/SIM	7-27-10	7-28-10	
1-Methylnaphthalene	0.10	0.0071	EPA 8270/SIM	7-27-10	7-28-10	
Acenaphthylene	ND	0.0071	EPA 8270/SIM	7-27-10	7-28-10	
Acenaphthene	0.74	0.0071	EPA 8270/SIM	7-27-10	7-28-10	
Fluorene	0.57	0.0071	EPA 8270/SIM	7-27-10	7-28-10	
Phenanthrene	4.7	0.14	EPA 8270/SIM	7-27-10	7-29-10	
Anthracene	1.3	0.14	EPA 8270/SIM	7-27-10	7-29-10	
Fluoranthene	7.4	0.14	EPA 8270/SIM	7-27-10	7-29-10	
Pyrene	7.3	0.14	EPA 8270/SIM	7-27-10	7-29-10	
Benzo[a]anthracene	3.8	0.14	EPA 8270/SIM	7-27-10	7-29-10	
Chrysene	4.1	0.14	EPA 8270/SIM	7-27-10	7-29-10	
Benzo[b]fluoranthene	2.6	0.14	EPA 8270/SIM	7-27-10	7-29-10	
Benzo[k]fluoranthene	2.9	0.14	EPA 8270/SIM	7-27-10	7-29-10	
Benzo[a]pyrene	3.6	0.14	EPA 8270/SIM	7-27-10	7-29-10	
Indeno(1,2,3-c,d)pyrene	1.6	0.14	EPA 8270/SIM	7-27-10	7-29-10	
Dibenz[a,h]anthracene	0.68	0.14	EPA 8270/SIM	7-27-10	7-29-10	
Benzo[g,h,i]perylene	1.7	0.14	EPA 8270/SIM	7-27-10	7-29-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>79</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>103</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>101</i>	<i>41 - 106</i>				

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**PAHs by EPA 8270D/SIM
 (with silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-HH-4-1-071410					
Laboratory ID:	07-098-22					
Naphthalene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
2-Methylnaphthalene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
1-Methylnaphthalene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Acenaphthylene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Acenaphthene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Fluorene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Phenanthrene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Anthracene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Fluoranthene	0.0096	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Pyrene	0.0096	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[a]anthracene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Chrysene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[b]fluoranthene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[k]fluoranthene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[a]pyrene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Indeno(1,2,3-c,d)pyrene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Dibenz[a,h]anthracene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
Benzo[g,h,i]perylene	ND	0.0073	EPA 8270/SIM	7-27-10	7-28-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>65</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>101</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>102</i>	<i>41 - 106</i>				

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

**PAHs by EPA 8270D/SIM
 (with silica gel clean-up)
 METHOD BLANK QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0727S1					
Naphthalene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
2-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
1-Methylnaphthalene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Acenaphthylene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Acenaphthene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Fluorene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Phenanthrene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Anthracene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Fluoranthene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Pyrene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[a]anthracene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Chrysene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[b]fluoranthene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[k]fluoranthene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[a]pyrene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Indeno(1,2,3-c,d)pyrene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Dibenz[a,h]anthracene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
Benzo[g,h,i]perylene	ND	0.0067	EPA 8270/SIM	7-27-10	7-27-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorobiphenyl</i>	<i>73</i>	<i>45 - 101</i>				
<i>Pyrene-d10</i>	<i>103</i>	<i>52 - 118</i>				
<i>Terphenyl-d14</i>	<i>93</i>	<i>41 - 106</i>				

Date of Report: July 29, 2010
 Samples Submitted: July 15, 2010
 Laboratory Reference: 1007-098
 Project: 2009-138

**PAHs by EPA 8270D/SIM
 (with silica gel clean-up)
 SB/SBD QUALITY CONTROL**

Matrix: Soil
 Units: mg/Kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					SB	SBD	Limits	RPD	Limit	
SPIKE BLANKS										
Laboratory ID:	SB0727S1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	0.0496	0.0545	0.0833	0.0833	60	65	33 - 105	9	30	
Acenaphthylene	0.0571	0.0554	0.0833	0.0833	69	67	51 - 110	3	22	
Acenaphthene	0.0584	0.0593	0.0833	0.0833	70	71	51 - 105	2	20	
Fluorene	0.0664	0.0682	0.0833	0.0833	80	82	61 - 107	3	17	
Phenanthrene	0.0717	0.0752	0.0833	0.0833	86	90	61 - 106	5	12	
Anthracene	0.0704	0.0733	0.0833	0.0833	85	88	59 - 106	4	12	
Fluoranthene	0.0848	0.0867	0.0833	0.0833	102	104	66 - 116	2	12	
Pyrene	0.0836	0.0862	0.0833	0.0833	100	103	67 - 118	3	14	
Benzo[a]anthracene	0.0784	0.0789	0.0833	0.0833	94	95	60 - 114	1	11	
Chrysene	0.0820	0.0843	0.0833	0.0833	98	101	64 - 112	3	12	
Benzo[b]fluoranthene	0.0819	0.0831	0.0833	0.0833	98	100	61 - 123	1	14	
Benzo[k]fluoranthene	0.0815	0.0849	0.0833	0.0833	98	102	50 - 124	4	17	
Benzo[a]pyrene	0.0738	0.0798	0.0833	0.0833	89	96	50 - 114	8	17	
Indeno(1,2,3-c,d)pyrene	0.0804	0.0830	0.0833	0.0833	97	100	56 - 122	3	16	
Dibenz[a,h]anthracene	0.0812	0.0844	0.0833	0.0833	97	101	57 - 124	4	16	
Benzo[g,h,i]perylene	0.0814	0.0835	0.0833	0.0833	98	100	56 - 121	3	15	
<i>Surrogate:</i>										
<i>2-Fluorobiphenyl</i>					<i>61</i>	<i>66</i>	<i>45 - 101</i>			
<i>Pyrene-d10</i>					<i>96</i>	<i>99</i>	<i>52 - 118</i>			
<i>Terphenyl-d14</i>					<i>94</i>	<i>96</i>	<i>41 - 106</i>			

Date of Report: July 29, 2010
Samples Submitted: July 15, 2010
Laboratory Reference: 1007-098
Project: 2009-138

% MOISTURE

Date Analyzed: 7-27-10

Client ID	Lab ID	% Moisture
WSP-HH-1-0.5-071410	07-098-15	15
WSP-HH-1-1-071410	07-098-16	15
WSP-HH-2-0.5-071410	07-098-17	18
WSP-HH-2-1-071410	07-098-18	17
WSP-HH-3-0.5-071410	07-098-19	9
WSP-HH-3-1-071410	07-098-20	7
WSP-HH-4-0.5-071410	07-098-21	6
WSP-HH-4-1-071410	07-098-22	8



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



07-098

19730 64th Ave. W., Suite 200, Lynnwood, WA 98036 (425) 774-0106

HWA GEOSCIENCES INC.

Chain of Custody
and Laboratory Analysis Request

DATE: 7/12/10 - 7/15/10
PAGE: 1 of 2

PROJECT NAME: WSP RI/ES # 2009-138
SITE CODE: _____
SAMPLERS NAME: Pete Pearson PHONE: 206-794-3115
SAMPLERS SIGNATURE: _____
HWA CONTACT: Vance Adams PHONE: 425 724 0106

HWA SAMPLE ID	DATE	TIME	MATRIX	LAB ID	# OF BOTTLE
WSP-MW-01-GW-0710	7/12/10	12:00	H ₂ O	1	9
WSP-MW-02-GW-0720-HS		15:00		2	
WSP-MW-02-GW-0720-M9				2	
WSP-MW-02-GW-0720				M2	
WSP-MW-02-GW-0720				5	
WSP-MW-02-GW-0720	7/13/10	9:30		6	
WSP-MW-09-GW-0720		10:15		7	
WSP-MW-13-GW-0720		12:50		8	
WSP-MW-14-GW-0720		11:30		9	
WSP-TB-01-0710	7/13/10			10	2
WSP-TB-02-0710				11	2
WSP-TB-03-0710				12	
WSP-MW-10-GW-0710	7/14/10	9:20		13	
WSP-MW-11-GW-0710		10:20		14	
WSP-MW-12-GW-0710		12:10		15	

ANALYSIS REQUESTED	
SVOCs	X
VOCs	X
PAHs	X
NWTPH-D ₉	X
Total Metals	X
Diss Metals	X
TDS, Ca, Mg, Na	X
Sulfates	X
Carbonate, Bicarbonate	X
NWTPH-G ₉	X
Nitrate	X

DATE	TIME	REMARKS
7/15/10	9:45	Disolved metals samples field filtered
7/15/10	10:55	Metals to be analyzed: As, Cd, Cr, Hg, Mn, Cu
7/15/10	11:35	Conventional to be analyzed. only if unprocessed sample returns
		in amber following SWC/PAH samples
		TDS is priority
		Added 7/23/10. D3 (STA)

PRINT NAME	SIGNATURE	COMPANY	DATE	TIME	REMARKS
Relinquished by: Pete Pearson	<i>[Signature]</i>	HWA	7/15/10	9:45	
Received by: Vance Adams	<i>[Signature]</i>	SPESBY	7/15/10	10:55	
Relinquished by: Vance Adams	<i>[Signature]</i>	HWA	7/15/10	11:35	
Received by: M. Adams	<i>[Signature]</i>	SPESBY	7/15/10	11:35	

DISTRIBUTION: WHITE - Return to HWA; YELLOW - Retain by Lab; PINK - Retain by Sampler



OnSite Environmental Inc.
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Turnaround Request
 (in working days)

(Check One)

- Same Day 1 Day
- 2 Day 3 Day
- Standard (7 working days)
 (TPH analysis 5 working days)
- _____ (other)

Laboratory Number:

Requested Analysis

07-098

Company: HUSA
 Project Number: 2009-138
 Project Name: _____
 Project Manager: Vance Atkins
 Sampled by: Pete Pearson

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.
15	WSP-HH-1-0.5-071410	7/14/10	1500	S	1
16	WSP-HH-1-1-071410		1315		
17	WSP-HH-2-0.5-071410		1530		
18	WSP-HH-2-1-071410		1535		
19	WSP-HH-3-0.5-071410		1600		
20	WSP-HH-3-1-071410		1610		
21	WSP-HH-4-0.5-071410		1620		
22	WSP-HH-4-1-071410		1630		

Requested Analysis	Result
NWTPH-HCID	
NWTPH-Gx/BTEX	
NWTPH-Dx	
Volatiles by 8260B	
Halogenated Volatiles by 8260B	
Semivolatiles by 8270D / SIM	
PAHs by 8270D / SIM	☒
PCBs by 8082	☒
Pesticides by 8081A	☒
Herbicides by 8151A	☒
Total RCRA Metals (8)	☒
TCLP Metals	☒
HEM by 1664	☒
% Moisture	☒

Received by	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished by					
Received by			7/15/10	1135	☒ Added 7/23/10. DR (STN)
Relinquished by					
Received by					
Relinquished by					
Received by					
Relinquished by					
Reviewed by/Date					Chromatograms with final report <input type="checkbox"/>



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

July 29, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project WSP RI/FS
Laboratory Reference No. 1007-117

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on July 17, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: July 29, 2010
Samples Submitted: July 17, 2010
Laboratory Reference: 1007-117
Project: WSP RI/FS

Case Narrative

Samples were collected on July 15 and 16, 2010 and received by the laboratory on July 17, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Nitrate EPA 353.2 Analysis

Samples WSP-02-05-GW, WSP-XX-06-GW, WSP-XX-07LF-GW, WSP-XX-09LF-GW and WSP-XX-10LF-GW (07-117-01-05) were analyzed out of holding time.

Please note that any other QA/QC issues associated with these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

NWTPH-Gx

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-02-05-GW					
Laboratory ID:	07-117-01					
Gasoline	ND	100	NWTPH-Gx	7-20-10	7-20-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	83	74-121				
Client ID:	WSP-XX-06-GW					
Laboratory ID:	07-117-02					
Gasoline	140	100	NWTPH-Gx	7-20-10	7-20-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	84	74-121				
Client ID:	WSP-XX-07LF-GW					
Laboratory ID:	07-117-03					
Gasoline	ND	100	NWTPH-Gx	7-20-10	7-20-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	83	74-121				
Client ID:	WSP-XX-09LF-GW					
Laboratory ID:	07-117-04					
Gasoline	ND	100	NWTPH-Gx	7-20-10	7-20-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	83	74-121				
Client ID:	WSP-XX-10LF-GW					
Laboratory ID:	07-117-05					
Gasoline	ND	100	NWTPH-Gx	7-20-10	7-20-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	84	74-121				

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0720W1					
Gasoline	ND	100	NWTPH-Gx	7-20-10	7-20-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>83</i>	<i>74-121</i>				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	07-117-01							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	30	
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				<i>83</i>	<i>84</i>	<i>74-121</i>		

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

NWTPH-Dx
 (with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-02-05-GW					
Laboratory ID:	07-117-01					
Diesel Range Organics	ND	0.27	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.43	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	75	50-150				
Client ID:	WSP-XX-06-GW					
Laboratory ID:	07-117-02					
Diesel Range Organics	ND	0.26	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	77	50-150				
Client ID:	WSP-XX-07LF-GW					
Laboratory ID:	07-117-03					
Diesel Range Organics	ND	0.26	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	73	50-150				
Client ID:	WSP-XX09LF-GW					
Laboratory ID:	07-117-04					
Diesel Range Organics	ND	0.26	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	62	50-150				
Client ID:	WSP-XX-10LF-GW					
Laboratory ID:	07-117-05					
Diesel Range Organics	ND	0.26	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	73	50-150				

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0721W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	7-21-10	7-22-10	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	7-21-10	7-22-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>70</i>	<i>50-150</i>				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	07-098-02						
	ORIG	DUP					
Diesel Range Organics	ND	ND			NA	NA	
Lube Oil Range Organics	ND	ND			NA	NA	
<i>Surrogate:</i>							
<i>o-Terphenyl</i>			<i>73</i>	<i>71</i>	<i>50-150</i>		

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

VOLATILES by EPA 8260B
 page 1 of 2

Date Extracted: 7-20-10
 Date Analyzed: 7-20-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-117-01
Client ID: WSP-02-05-GW

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

VOLATILES by EPA 8260B
 page 2 of 2

Lab ID: 07-117-01
 Client ID: WSP-02-05-GW

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	5.3		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	79		71-126
Toluene-d8	81		76-116
4-Bromofluorobenzene	78		70-123

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Date Extracted: 7-20-10
 Date Analyzed: 7-20-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-117-02
Client ID: WSP-XX-06-GW

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 07-117-02
 Client ID: WSP-XX-06-GW

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	0.89		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	86		71-126
Toluene-d8	92		76-116
4-Bromofluorobenzene	83		70-123

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Date Extracted: 7-20-10
 Date Analyzed: 7-20-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-117-03
Client ID: WSP-XX-07LF-GW

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 07-117-03
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Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	81		71-126
Toluene-d8	81		76-116
4-Bromofluorobenzene	79		70-123

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Date Extracted: 7-20-10
 Date Analyzed: 7-20-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-117-04
Client ID: WSP-XX-09LF-GW

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.78		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	1.2		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 07-117-04
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Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.52		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	85		71-126
Toluene-d8	83		76-116
4-Bromofluorobenzene	80		70-123

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Date Extracted: 7-20-10
 Date Analyzed: 7-20-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-117-05
Client ID: WSP-XX-10LF-GW

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	1.4		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 07-117-05
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Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.43		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	83		71-126
Toluene-d8	81		76-116
4-Bromofluorobenzene	77		70-123

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Date Extracted: 7-20-10
 Date Analyzed: 7-20-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-117-06
Client ID: WSP-TB-04-071510

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 07-117-06
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Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	86		71-126
Toluene-d8	86		76-116
4-Bromofluorobenzene	85		70-123

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Date Extracted: 7-20-10
 Date Analyzed: 7-20-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-117-07
Client ID: WSP-TB-05-071610

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 07-117-07
 Client ID: WSP-TB-05-071610

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	87		71-126
Toluene-d8	88		76-116
4-Bromofluorobenzene	87		70-123

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**VOLATILES by EPA 8260B
 METHOD BLANK QUALITY CONTROL**

page 1 of 2

Date Extracted: 7-20-10
 Date Analyzed: 7-20-10

 Matrix: Water
 Units: ug/L (ppb)

 Lab ID: MB0720W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0720W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	71-126
Toluene-d8	88	76-116
4-Bromofluorobenzene	83	70-123

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 7-20-10
 Date Analyzed: 7-20-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: SB0720W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	8.00	80	8.27	83	70-130	
Benzene	10.0	9.05	91	9.31	93	73-130	
Trichloroethene	10.0	9.56	96	9.51	95	79-122	
Toluene	10.0	9.40	94	9.34	93	80-121	
Chlorobenzene	10.0	9.86	99	9.64	96	83-116	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	3	15	
Benzene	3	14	
Trichloroethene	1	14	
Toluene	1	13	
Chlorobenzene	2	13	

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

SEMIVOLATILES by EPA 8270D/SIM
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-02-05-GW					
Laboratory ID:	07-117-01					
n-Nitrosodimethylamine	ND	0.97	EPA 8270	7-20-10	7-23-10	
Pyridine	ND	9.7	EPA 8270	7-20-10	7-23-10	
Phenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
Aniline	ND	4.8	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroethyl)ether	ND	0.97	EPA 8270	7-20-10	7-23-10	
2-Chlorophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
1,3-Dichlorobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
1,4-Dichlorobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
Benzyl alcohol	ND	0.97	EPA 8270	7-20-10	7-23-10	
1,2-Dichlorobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
2-Methylphenol (o-Cresol)	ND	0.97	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroisopropyl)ether	ND	0.97	EPA 8270	7-20-10	7-23-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.97	EPA 8270	7-20-10	7-23-10	
n-Nitroso-di-n-propylamine	ND	0.97	EPA 8270	7-20-10	7-23-10	
Hexachloroethane	ND	0.97	EPA 8270	7-20-10	7-23-10	
Nitrobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
Isophorone	ND	0.97	EPA 8270	7-20-10	7-23-10	
2-Nitrophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,4-Dimethylphenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroethoxy)methane	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,4-Dichlorophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
1,2,4-Trichlorobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
Naphthalene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
4-Chloroaniline	ND	9.7	EPA 8270	7-20-10	7-23-10	
Hexachlorobutadiene	ND	0.97	EPA 8270	7-20-10	7-23-10	
4-Chloro-3-methylphenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
2-Methylnaphthalene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
1-Methylnaphthalene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
Hexachlorocyclopentadiene	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,4,6-Trichlorophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,3-Dichloroaniline	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,4,5-Trichlorophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
2-Chloronaphthalene	ND	0.97	EPA 8270	7-20-10	7-23-10	
2-Nitroaniline	ND	0.97	EPA 8270	7-20-10	7-23-10	
1,4-Dinitrobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
Dimethylphthalate	ND	0.97	EPA 8270	7-20-10	7-23-10	
1,3-Dinitrobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,6-Dinitrotoluene	ND	0.97	EPA 8270	7-20-10	7-23-10	
1,2-Dinitrobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
Acenaphthylene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
3-Nitroaniline	ND	0.97	EPA 8270	7-20-10	7-23-10	

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-02-05-GW					
Laboratory ID:	07-117-01					
2,4-Dinitrophenol	ND	9.7	EPA 8270	7-20-10	7-23-10	
Acenaphthene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
4-Nitrophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,4-Dinitrotoluene	ND	0.97	EPA 8270	7-20-10	7-23-10	
Dibenzofuran	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,3,5,6-Tetrachlorophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,3,4,6-Tetrachlorophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
Diethylphthalate	ND	0.97	EPA 8270	7-20-10	7-23-10	
4-Chlorophenyl-phenylether	ND	0.97	EPA 8270	7-20-10	7-23-10	
4-Nitroaniline	ND	0.97	EPA 8270	7-20-10	7-23-10	
Fluorene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	7-20-10	7-23-10	
n-Nitrosodiphenylamine	ND	9.7	EPA 8270	7-20-10	7-23-10	
1,2-Diphenylhydrazine	ND	0.97	EPA 8270	7-20-10	7-23-10	
4-Bromophenyl-phenylether	ND	0.97	EPA 8270	7-20-10	7-23-10	
Hexachlorobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
Pentachlorophenol	ND	4.8	EPA 8270	7-20-10	7-23-10	
Phenanthrene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
Anthracene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
Carbazole	ND	0.97	EPA 8270	7-20-10	7-23-10	
Di-n-butylphthalate	ND	0.97	EPA 8270	7-20-10	7-23-10	
Fluoranthene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
Benzidine	ND	9.7	EPA 8270	7-20-10	7-23-10	
Pyrene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
Butylbenzylphthalate	ND	0.97	EPA 8270	7-20-10	7-23-10	
bis(2-Ethylhexyl)adipate	ND	0.97	EPA 8270	7-20-10	7-23-10	
3,3'-Dichlorobenzidine	ND	9.7	EPA 8270	7-20-10	7-23-10	
Benzo[a]anthracene	0.010	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
Chrysene	ND	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
bis(2-Ethylhexyl)phthalate	ND	0.97	EPA 8270	7-20-10	7-23-10	
Di-n-octylphthalate	ND	0.97	EPA 8270	7-20-10	7-23-10	
Benzo[b]fluoranthene	ND	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[k]fluoranthene	ND	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[a]pyrene	ND	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
Indeno[1,2,3-cd]pyrene	ND	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
Dibenz[a,h]anthracene	ND	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[g,h,i]perylene	ND	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>41</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>33</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>67</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>72</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>78</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>81</i>	<i>57 - 114</i>				

Date of Report: July 29, 2010
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SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-XX-06-GW					
Laboratory ID:	07-117-02					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	7-20-10	7-23-10	
Pyridine	ND	9.6	EPA 8270	7-20-10	7-23-10	
Phenol	ND	0.96	EPA 8270	7-20-10	7-23-10	
Aniline	ND	4.8	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	7-20-10	7-23-10	
2-Chlorophenol	ND	0.96	EPA 8270	7-20-10	7-23-10	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	7-20-10	7-23-10	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	7-20-10	7-23-10	
Benzyl alcohol	ND	0.96	EPA 8270	7-20-10	7-23-10	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	7-20-10	7-23-10	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	7-20-10	7-23-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	7-20-10	7-23-10	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	7-20-10	7-23-10	
Hexachloroethane	ND	0.96	EPA 8270	7-20-10	7-23-10	
Nitrobenzene	ND	0.96	EPA 8270	7-20-10	7-23-10	
Isophorone	ND	0.96	EPA 8270	7-20-10	7-23-10	
2-Nitrophenol	ND	0.96	EPA 8270	7-20-10	7-23-10	
2,4-Dimethylphenol	ND	0.96	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	7-20-10	7-23-10	
2,4-Dichlorophenol	ND	0.96	EPA 8270	7-20-10	7-23-10	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	7-20-10	7-23-10	
Naphthalene	0.23	0.096	EPA 8270/SIM	7-20-10	7-26-10	
4-Chloroaniline	ND	9.6	EPA 8270	7-20-10	7-23-10	
Hexachlorobutadiene	ND	0.96	EPA 8270	7-20-10	7-23-10	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	7-20-10	7-23-10	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	7-20-10	7-26-10	
1-Methylnaphthalene	0.26	0.096	EPA 8270/SIM	7-20-10	7-26-10	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	7-20-10	7-23-10	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	7-20-10	7-23-10	
2,3-Dichloroaniline	ND	0.96	EPA 8270	7-20-10	7-23-10	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	7-20-10	7-23-10	
2-Chloronaphthalene	ND	0.96	EPA 8270	7-20-10	7-23-10	
2-Nitroaniline	ND	0.96	EPA 8270	7-20-10	7-23-10	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	7-20-10	7-23-10	
Dimethylphthalate	ND	0.96	EPA 8270	7-20-10	7-23-10	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	7-20-10	7-23-10	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	7-20-10	7-23-10	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	7-20-10	7-23-10	
Acenaphthylene	ND	0.096	EPA 8270/SIM	7-20-10	7-26-10	
3-Nitroaniline	ND	0.96	EPA 8270	7-20-10	7-23-10	

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-XX-06-GW					
Laboratory ID:	07-117-02					
2,4-Dinitrophenol	ND	9.6	EPA 8270	7-20-10	7-23-10	
Acenaphthene	0.35	0.096	EPA 8270/SIM	7-20-10	7-26-10	
4-Nitrophenol	ND	0.96	EPA 8270	7-20-10	7-23-10	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	7-20-10	7-23-10	
Dibenzofuran	ND	0.96	EPA 8270	7-20-10	7-23-10	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	7-20-10	7-23-10	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	7-20-10	7-23-10	
Diethylphthalate	ND	0.96	EPA 8270	7-20-10	7-23-10	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	7-20-10	7-23-10	
4-Nitroaniline	ND	0.96	EPA 8270	7-20-10	7-23-10	
Fluorene	1.1	0.96	EPA 8270	7-20-10	7-23-10	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	7-20-10	7-23-10	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	7-20-10	7-23-10	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	7-20-10	7-23-10	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	7-20-10	7-23-10	
Hexachlorobenzene	ND	0.96	EPA 8270	7-20-10	7-23-10	
Pentachlorophenol	ND	4.8	EPA 8270	7-20-10	7-23-10	
Phenanthrene	0.098	0.096	EPA 8270/SIM	7-20-10	7-26-10	
Anthracene	ND	0.096	EPA 8270/SIM	7-20-10	7-26-10	
Carbazole	ND	0.96	EPA 8270	7-20-10	7-23-10	
Di-n-butylphthalate	ND	0.96	EPA 8270	7-20-10	7-23-10	
Fluoranthene	ND	0.096	EPA 8270/SIM	7-20-10	7-26-10	
Benzidine	ND	9.6	EPA 8270	7-20-10	7-23-10	
Pyrene	ND	0.096	EPA 8270/SIM	7-20-10	7-26-10	
Butylbenzylphthalate	ND	0.96	EPA 8270	7-20-10	7-23-10	
bis-2-Ethylhexyladipate	ND	0.96	EPA 8270	7-20-10	7-23-10	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	7-20-10	7-23-10	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	7-20-10	7-26-10	
Chrysene	0.0099	0.0096	EPA 8270/SIM	7-20-10	7-26-10	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	7-20-10	7-23-10	
Di-n-octylphthalate	ND	0.96	EPA 8270	7-20-10	7-23-10	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	7-20-10	7-26-10	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	7-20-10	7-26-10	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	7-20-10	7-26-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>47</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>36</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>79</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>76</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>85</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>87</i>	<i>57 - 114</i>				

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-XX-07LF-GW					
Laboratory ID:	07-117-03					
n-Nitrosodimethylamine	ND	0.98	EPA 8270	7-20-10	7-23-10	
Pyridine	ND	9.8	EPA 8270	7-20-10	7-23-10	
Phenol	ND	0.98	EPA 8270	7-20-10	7-23-10	
Aniline	ND	4.9	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroethyl)ether	ND	0.98	EPA 8270	7-20-10	7-23-10	
2-Chlorophenol	ND	0.98	EPA 8270	7-20-10	7-23-10	
1,3-Dichlorobenzene	ND	0.98	EPA 8270	7-20-10	7-23-10	
1,4-Dichlorobenzene	ND	0.98	EPA 8270	7-20-10	7-23-10	
Benzyl alcohol	ND	0.98	EPA 8270	7-20-10	7-23-10	
1,2-Dichlorobenzene	ND	0.98	EPA 8270	7-20-10	7-23-10	
2-Methylphenol (o-Cresol)	ND	0.98	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroisopropyl)ether	ND	0.98	EPA 8270	7-20-10	7-23-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.98	EPA 8270	7-20-10	7-23-10	
n-Nitroso-di-n-propylamine	ND	0.98	EPA 8270	7-20-10	7-23-10	
Hexachloroethane	ND	0.98	EPA 8270	7-20-10	7-23-10	
Nitrobenzene	ND	0.98	EPA 8270	7-20-10	7-23-10	
Isophorone	ND	0.98	EPA 8270	7-20-10	7-23-10	
2-Nitrophenol	ND	0.98	EPA 8270	7-20-10	7-23-10	
2,4-Dimethylphenol	ND	0.98	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroethoxy)methane	ND	0.98	EPA 8270	7-20-10	7-23-10	
2,4-Dichlorophenol	ND	0.98	EPA 8270	7-20-10	7-23-10	
1,2,4-Trichlorobenzene	ND	0.98	EPA 8270	7-20-10	7-23-10	
Naphthalene	ND	0.098	EPA 8270/SIM	7-20-10	7-26-10	
4-Chloroaniline	ND	9.8	EPA 8270	7-20-10	7-23-10	
Hexachlorobutadiene	ND	0.98	EPA 8270	7-20-10	7-23-10	
4-Chloro-3-methylphenol	ND	0.98	EPA 8270	7-20-10	7-23-10	
2-Methylnaphthalene	ND	0.098	EPA 8270/SIM	7-20-10	7-26-10	
1-Methylnaphthalene	ND	0.098	EPA 8270/SIM	7-20-10	7-26-10	
Hexachlorocyclopentadiene	ND	0.98	EPA 8270	7-20-10	7-23-10	
2,4,6-Trichlorophenol	ND	0.98	EPA 8270	7-20-10	7-23-10	
2,3-Dichloroaniline	ND	0.98	EPA 8270	7-20-10	7-23-10	
2,4,5-Trichlorophenol	ND	0.98	EPA 8270	7-20-10	7-23-10	
2-Chloronaphthalene	ND	0.98	EPA 8270	7-20-10	7-23-10	
2-Nitroaniline	ND	0.98	EPA 8270	7-20-10	7-23-10	
1,4-Dinitrobenzene	ND	0.98	EPA 8270	7-20-10	7-23-10	
Dimethylphthalate	ND	0.98	EPA 8270	7-20-10	7-23-10	
1,3-Dinitrobenzene	ND	0.98	EPA 8270	7-20-10	7-23-10	
2,6-Dinitrotoluene	ND	0.98	EPA 8270	7-20-10	7-23-10	
1,2-Dinitrobenzene	ND	0.98	EPA 8270	7-20-10	7-23-10	
Acenaphthylene	ND	0.098	EPA 8270/SIM	7-20-10	7-26-10	
3-Nitroaniline	ND	0.98	EPA 8270	7-20-10	7-23-10	

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-XX-07LF-GW					
Laboratory ID:	07-117-03					
2,4-Dinitrophenol	ND	9.8	EPA 8270	7-20-10	7-23-10	
Acenaphthene	ND	0.098	EPA 8270/SIM	7-20-10	7-26-10	
4-Nitrophenol	ND	0.98	EPA 8270	7-20-10	7-23-10	
2,4-Dinitrotoluene	ND	0.98	EPA 8270	7-20-10	7-23-10	
Dibenzofuran	ND	0.98	EPA 8270	7-20-10	7-23-10	
2,3,5,6-Tetrachlorophenol	ND	0.98	EPA 8270	7-20-10	7-23-10	
2,3,4,6-Tetrachlorophenol	ND	0.98	EPA 8270	7-20-10	7-23-10	
Diethylphthalate	ND	0.98	EPA 8270	7-20-10	7-23-10	
4-Chlorophenyl-phenylether	ND	0.98	EPA 8270	7-20-10	7-23-10	
4-Nitroaniline	ND	0.98	EPA 8270	7-20-10	7-23-10	
Fluorene	ND	0.098	EPA 8270/SIM	7-20-10	7-26-10	
4,6-Dinitro-2-methylphenol	ND	4.9	EPA 8270	7-20-10	7-23-10	
n-Nitrosodiphenylamine	ND	9.8	EPA 8270	7-20-10	7-23-10	
1,2-Diphenylhydrazine	ND	0.98	EPA 8270	7-20-10	7-23-10	
4-Bromophenyl-phenylether	ND	0.98	EPA 8270	7-20-10	7-23-10	
Hexachlorobenzene	ND	0.98	EPA 8270	7-20-10	7-23-10	
Pentachlorophenol	ND	4.9	EPA 8270	7-20-10	7-23-10	
Phenanthrene	ND	0.098	EPA 8270/SIM	7-20-10	7-26-10	
Anthracene	ND	0.098	EPA 8270/SIM	7-20-10	7-26-10	
Carbazole	ND	0.98	EPA 8270	7-20-10	7-23-10	
Di-n-butylphthalate	ND	0.98	EPA 8270	7-20-10	7-23-10	
Fluoranthene	ND	0.098	EPA 8270/SIM	7-20-10	7-26-10	
Benzidine	ND	9.8	EPA 8270	7-20-10	7-23-10	
Pyrene	ND	0.098	EPA 8270/SIM	7-20-10	7-26-10	
Butylbenzylphthalate	ND	0.98	EPA 8270	7-20-10	7-23-10	
bis-2-Ethylhexyladipate	ND	0.98	EPA 8270	7-20-10	7-23-10	
3,3'-Dichlorobenzidine	ND	9.8	EPA 8270	7-20-10	7-23-10	
Benzo[a]anthracene	ND	0.0098	EPA 8270/SIM	7-20-10	7-26-10	
Chrysene	ND	0.0098	EPA 8270/SIM	7-20-10	7-26-10	
bis(2-Ethylhexyl)phthalate	ND	0.98	EPA 8270	7-20-10	7-23-10	
Di-n-octylphthalate	ND	0.98	EPA 8270	7-20-10	7-23-10	
Benzo[b]fluoranthene	ND	0.0098	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[k]fluoranthene	ND	0.0098	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[a]pyrene	ND	0.0098	EPA 8270/SIM	7-20-10	7-26-10	
Indeno[1,2,3-cd]pyrene	ND	0.0098	EPA 8270/SIM	7-20-10	7-26-10	
Dibenz[a,h]anthracene	ND	0.0098	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[g,h,i]perylene	ND	0.0098	EPA 8270/SIM	7-20-10	7-26-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>42</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>33</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>68</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>69</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>74</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>77</i>	<i>57 - 114</i>				

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-XX-09LF-GW					
Laboratory ID:	07-117-04					
n-Nitrosodimethylamine	ND	0.97	EPA 8270	7-20-10	7-23-10	
Pyridine	ND	9.7	EPA 8270	7-20-10	7-23-10	
Phenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
Aniline	ND	4.8	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroethyl)ether	ND	0.97	EPA 8270	7-20-10	7-23-10	
2-Chlorophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
1,3-Dichlorobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
1,4-Dichlorobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
Benzyl alcohol	ND	0.97	EPA 8270	7-20-10	7-23-10	
1,2-Dichlorobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
2-Methylphenol (o-Cresol)	ND	0.97	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroisopropyl)ether	ND	0.97	EPA 8270	7-20-10	7-23-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.97	EPA 8270	7-20-10	7-23-10	
n-Nitroso-di-n-propylamine	ND	0.97	EPA 8270	7-20-10	7-23-10	
Hexachloroethane	ND	0.97	EPA 8270	7-20-10	7-23-10	
Nitrobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
Isophorone	ND	0.97	EPA 8270	7-20-10	7-23-10	
2-Nitrophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,4-Dimethylphenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroethoxy)methane	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,4-Dichlorophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
1,2,4-Trichlorobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
Naphthalene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
4-Chloroaniline	ND	9.7	EPA 8270	7-20-10	7-23-10	
Hexachlorobutadiene	ND	0.97	EPA 8270	7-20-10	7-23-10	
4-Chloro-3-methylphenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
2-Methylnaphthalene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
1-Methylnaphthalene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
Hexachlorocyclopentadiene	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,4,6-Trichlorophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,3-Dichloroaniline	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,4,5-Trichlorophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
2-Chloronaphthalene	ND	0.97	EPA 8270	7-20-10	7-23-10	
2-Nitroaniline	ND	0.97	EPA 8270	7-20-10	7-23-10	
1,4-Dinitrobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
Dimethylphthalate	ND	0.97	EPA 8270	7-20-10	7-23-10	
1,3-Dinitrobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,6-Dinitrotoluene	ND	0.97	EPA 8270	7-20-10	7-23-10	
1,2-Dinitrobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
Acenaphthylene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
3-Nitroaniline	ND	0.97	EPA 8270	7-20-10	7-23-10	

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-XX-09LF-GW					
Laboratory ID:	07-117-04					
2,4-Dinitrophenol	ND	9.7	EPA 8270	7-20-10	7-23-10	
Acenaphthene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
4-Nitrophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,4-Dinitrotoluene	ND	0.97	EPA 8270	7-20-10	7-23-10	
Dibenzofuran	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,3,5,6-Tetrachlorophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
2,3,4,6-Tetrachlorophenol	ND	0.97	EPA 8270	7-20-10	7-23-10	
Diethylphthalate	ND	0.97	EPA 8270	7-20-10	7-23-10	
4-Chlorophenyl-phenylether	ND	0.97	EPA 8270	7-20-10	7-23-10	
4-Nitroaniline	ND	0.97	EPA 8270	7-20-10	7-23-10	
Fluorene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	7-20-10	7-23-10	
n-Nitrosodiphenylamine	ND	9.7	EPA 8270	7-20-10	7-23-10	
1,2-Diphenylhydrazine	ND	0.97	EPA 8270	7-20-10	7-23-10	
4-Bromophenyl-phenylether	ND	0.97	EPA 8270	7-20-10	7-23-10	
Hexachlorobenzene	ND	0.97	EPA 8270	7-20-10	7-23-10	
Pentachlorophenol	ND	4.8	EPA 8270	7-20-10	7-23-10	
Phenanthrene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
Anthracene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
Carbazole	ND	0.97	EPA 8270	7-20-10	7-23-10	
Di-n-butylphthalate	ND	0.97	EPA 8270	7-20-10	7-23-10	
Fluoranthene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
Benzidine	ND	9.7	EPA 8270	7-20-10	7-23-10	
Pyrene	ND	0.097	EPA 8270/SIM	7-20-10	7-26-10	
Butylbenzylphthalate	ND	0.97	EPA 8270	7-20-10	7-23-10	
bis-2-Ethylhexyladipate	ND	0.97	EPA 8270	7-20-10	7-23-10	
3,3'-Dichlorobenzidine	ND	9.7	EPA 8270	7-20-10	7-23-10	
Benzo[a]anthracene	0.012	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
Chrysene	0.012	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
bis(2-Ethylhexyl)phthalate	ND	0.97	EPA 8270	7-20-10	7-23-10	
Di-n-octylphthalate	ND	0.97	EPA 8270	7-20-10	7-23-10	
Benzo[b]fluoranthene	0.012	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[k]fluoranthene	ND	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[a]pyrene	ND	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
Indeno[1,2,3-cd]pyrene	ND	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
Dibenz[a,h]anthracene	ND	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[g,h,i]perylene	ND	0.0097	EPA 8270/SIM	7-20-10	7-26-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>35</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>27</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>55</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>58</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>68</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>75</i>	<i>57 - 114</i>				

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-XX-10LF-GW					
Laboratory ID:	07-117-05					
n-Nitrosodimethylamine	ND	1.3	EPA 8270	7-20-10	7-24-10	
Pyridine	ND	13	EPA 8270	7-20-10	7-24-10	
Phenol	ND	1.3	EPA 8270	7-20-10	7-24-10	
Aniline	ND	6.3	EPA 8270	7-20-10	7-24-10	
bis(2-Chloroethyl)ether	ND	1.3	EPA 8270	7-20-10	7-24-10	
2-Chlorophenol	ND	1.3	EPA 8270	7-20-10	7-24-10	
1,3-Dichlorobenzene	ND	1.3	EPA 8270	7-20-10	7-24-10	
1,4-Dichlorobenzene	ND	1.3	EPA 8270	7-20-10	7-24-10	
Benzyl alcohol	ND	1.3	EPA 8270	7-20-10	7-24-10	
1,2-Dichlorobenzene	ND	1.3	EPA 8270	7-20-10	7-24-10	
2-Methylphenol (o-Cresol)	ND	1.3	EPA 8270	7-20-10	7-24-10	
bis(2-Chloroisopropyl)ether	ND	1.3	EPA 8270	7-20-10	7-24-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	1.3	EPA 8270	7-20-10	7-24-10	
n-Nitroso-di-n-propylamine	ND	1.3	EPA 8270	7-20-10	7-24-10	
Hexachloroethane	ND	1.3	EPA 8270	7-20-10	7-24-10	
Nitrobenzene	ND	1.3	EPA 8270	7-20-10	7-24-10	
Isophorone	ND	1.3	EPA 8270	7-20-10	7-24-10	
2-Nitrophenol	ND	1.3	EPA 8270	7-20-10	7-24-10	
2,4-Dimethylphenol	ND	1.3	EPA 8270	7-20-10	7-24-10	
bis(2-Chloroethoxy)methane	ND	1.3	EPA 8270	7-20-10	7-24-10	
2,4-Dichlorophenol	ND	1.3	EPA 8270	7-20-10	7-24-10	
1,2,4-Trichlorobenzene	ND	1.3	EPA 8270	7-20-10	7-24-10	
Naphthalene	ND	0.13	EPA 8270/SIM	7-20-10	7-27-10	
4-Chloroaniline	ND	13	EPA 8270	7-20-10	7-24-10	
Hexachlorobutadiene	ND	1.3	EPA 8270	7-20-10	7-24-10	
4-Chloro-3-methylphenol	ND	1.3	EPA 8270	7-20-10	7-24-10	
2-Methylnaphthalene	ND	0.13	EPA 8270/SIM	7-20-10	7-27-10	
1-Methylnaphthalene	ND	0.13	EPA 8270/SIM	7-20-10	7-27-10	
Hexachlorocyclopentadiene	ND	1.3	EPA 8270	7-20-10	7-24-10	
2,4,6-Trichlorophenol	ND	1.3	EPA 8270	7-20-10	7-24-10	
2,3-Dichloroaniline	ND	1.3	EPA 8270	7-20-10	7-24-10	
2,4,5-Trichlorophenol	ND	1.3	EPA 8270	7-20-10	7-24-10	
2-Chloronaphthalene	ND	1.3	EPA 8270	7-20-10	7-24-10	
2-Nitroaniline	ND	1.3	EPA 8270	7-20-10	7-24-10	
1,4-Dinitrobenzene	ND	1.3	EPA 8270	7-20-10	7-24-10	
Dimethylphthalate	ND	1.3	EPA 8270	7-20-10	7-24-10	
1,3-Dinitrobenzene	ND	1.3	EPA 8270	7-20-10	7-24-10	
2,6-Dinitrotoluene	ND	1.3	EPA 8270	7-20-10	7-24-10	
1,2-Dinitrobenzene	ND	1.3	EPA 8270	7-20-10	7-24-10	
Acenaphthylene	ND	0.13	EPA 8270/SIM	7-20-10	7-27-10	
3-Nitroaniline	ND	1.3	EPA 8270	7-20-10	7-24-10	

Date of Report: July 29, 2010
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SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-XX-10LF-GW					
Laboratory ID:	07-117-05					
2,4-Dinitrophenol	ND	13	EPA 8270	7-20-10	7-24-10	
Acenaphthene	ND	0.13	EPA 8270/SIM	7-20-10	7-27-10	
4-Nitrophenol	ND	1.3	EPA 8270	7-20-10	7-24-10	
2,4-Dinitrotoluene	ND	1.3	EPA 8270	7-20-10	7-24-10	
Dibenzofuran	ND	1.3	EPA 8270	7-20-10	7-24-10	
2,3,5,6-Tetrachlorophenol	ND	1.3	EPA 8270	7-20-10	7-24-10	
2,3,4,6-Tetrachlorophenol	ND	1.3	EPA 8270	7-20-10	7-24-10	
Diethylphthalate	ND	1.3	EPA 8270	7-20-10	7-24-10	
4-Chlorophenyl-phenylether	ND	1.3	EPA 8270	7-20-10	7-24-10	
4-Nitroaniline	ND	1.3	EPA 8270	7-20-10	7-24-10	
Fluorene	ND	0.13	EPA 8270/SIM	7-20-10	7-27-10	
4,6-Dinitro-2-methylphenol	ND	6.3	EPA 8270	7-20-10	7-24-10	
n-Nitrosodiphenylamine	ND	13	EPA 8270	7-20-10	7-24-10	
1,2-Diphenylhydrazine	ND	1.3	EPA 8270	7-20-10	7-24-10	
4-Bromophenyl-phenylether	ND	1.3	EPA 8270	7-20-10	7-24-10	
Hexachlorobenzene	ND	1.3	EPA 8270	7-20-10	7-24-10	
Pentachlorophenol	ND	6.3	EPA 8270	7-20-10	7-24-10	
Phenanthrene	ND	0.13	EPA 8270/SIM	7-20-10	7-27-10	
Anthracene	ND	0.13	EPA 8270/SIM	7-20-10	7-27-10	
Carbazole	ND	1.3	EPA 8270	7-20-10	7-24-10	
Di-n-butylphthalate	ND	1.3	EPA 8270	7-20-10	7-24-10	
Fluoranthene	ND	0.13	EPA 8270/SIM	7-20-10	7-27-10	
Benzidine	ND	13	EPA 8270	7-20-10	7-24-10	
Pyrene	ND	0.13	EPA 8270/SIM	7-20-10	7-27-10	
Butylbenzylphthalate	ND	1.3	EPA 8270	7-20-10	7-24-10	
bis-2-Ethylhexyladipate	ND	1.3	EPA 8270	7-20-10	7-24-10	
3,3'-Dichlorobenzidine	ND	13	EPA 8270	7-20-10	7-24-10	
Benzo[a]anthracene	0.024	0.013	EPA 8270/SIM	7-20-10	7-27-10	
Chrysene	0.038	0.013	EPA 8270/SIM	7-20-10	7-27-10	
bis(2-Ethylhexyl)phthalate	ND	1.3	EPA 8270	7-20-10	7-24-10	
Di-n-octylphthalate	ND	1.3	EPA 8270	7-20-10	7-24-10	
Benzo[b]fluoranthene	0.033	0.013	EPA 8270/SIM	7-20-10	7-27-10	
Benzo[k]fluoranthene	0.016	0.013	EPA 8270/SIM	7-20-10	7-27-10	
Benzo[a]pyrene	ND	0.013	EPA 8270/SIM	7-20-10	7-27-10	
Indeno[1,2,3-cd]pyrene	0.016	0.013	EPA 8270/SIM	7-20-10	7-27-10	
Dibenz[a,h]anthracene	ND	0.013	EPA 8270/SIM	7-20-10	7-27-10	
Benzo[g,h,i]perylene	0.020	0.013	EPA 8270/SIM	7-20-10	7-27-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>30</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>27</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>45</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>49</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>66</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>73</i>	<i>57 - 114</i>				

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 Project: WSP RI/FS

**SEMIVOLATILES by EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0720W1					
n-Nitrosodimethylamine	ND	1.0	EPA 8270	7-20-10	7-23-10	
Pyridine	ND	10	EPA 8270	7-20-10	7-23-10	
Phenol	ND	1.0	EPA 8270	7-20-10	7-23-10	
Aniline	ND	5.0	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroethyl)ether	ND	1.0	EPA 8270	7-20-10	7-23-10	
2-Chlorophenol	ND	1.0	EPA 8270	7-20-10	7-23-10	
1,3-Dichlorobenzene	ND	1.0	EPA 8270	7-20-10	7-23-10	
1,4-Dichlorobenzene	ND	1.0	EPA 8270	7-20-10	7-23-10	
Benzyl alcohol	ND	1.0	EPA 8270	7-20-10	7-23-10	
1,2-Dichlorobenzene	ND	1.0	EPA 8270	7-20-10	7-23-10	
2-Methylphenol (o-Cresol)	ND	1.0	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroisopropyl)ether	ND	1.0	EPA 8270	7-20-10	7-23-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	1.0	EPA 8270	7-20-10	7-23-10	
n-Nitroso-di-n-propylamine	ND	1.0	EPA 8270	7-20-10	7-23-10	
Hexachloroethane	ND	1.0	EPA 8270	7-20-10	7-23-10	
Nitrobenzene	ND	1.0	EPA 8270	7-20-10	7-23-10	
Isophorone	ND	1.0	EPA 8270	7-20-10	7-23-10	
2-Nitrophenol	ND	1.0	EPA 8270	7-20-10	7-23-10	
2,4-Dimethylphenol	ND	1.0	EPA 8270	7-20-10	7-23-10	
bis(2-Chloroethoxy)methane	ND	1.0	EPA 8270	7-20-10	7-23-10	
2,4-Dichlorophenol	ND	1.0	EPA 8270	7-20-10	7-23-10	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8270	7-20-10	7-23-10	
Naphthalene	ND	0.10	EPA 8270/SIM	7-20-10	7-26-10	
4-Chloroaniline	ND	10	EPA 8270	7-20-10	7-23-10	
Hexachlorobutadiene	ND	1.0	EPA 8270	7-20-10	7-23-10	
4-Chloro-3-methylphenol	ND	1.0	EPA 8270	7-20-10	7-23-10	
2-Methylnaphthalene	ND	0.10	EPA 8270/SIM	7-20-10	7-26-10	
1-Methylnaphthalene	ND	0.10	EPA 8270/SIM	7-20-10	7-26-10	
Hexachlorocyclopentadiene	ND	1.0	EPA 8270	7-20-10	7-23-10	
2,4,6-Trichlorophenol	ND	1.0	EPA 8270	7-20-10	7-23-10	
2,3-Dichloroaniline	ND	1.0	EPA 8270	7-20-10	7-23-10	
2,4,5-Trichlorophenol	ND	1.0	EPA 8270	7-20-10	7-23-10	
2-Chloronaphthalene	ND	1.0	EPA 8270	7-20-10	7-23-10	
2-Nitroaniline	ND	1.0	EPA 8270	7-20-10	7-23-10	
1,4-Dinitrobenzene	ND	1.0	EPA 8270	7-20-10	7-23-10	
Dimethylphthalate	ND	1.0	EPA 8270	7-20-10	7-23-10	
1,3-Dinitrobenzene	ND	1.0	EPA 8270	7-20-10	7-23-10	
2,6-Dinitrotoluene	ND	1.0	EPA 8270	7-20-10	7-23-10	
1,2-Dinitrobenzene	ND	1.0	EPA 8270	7-20-10	7-23-10	
Acenaphthylene	ND	0.10	EPA 8270/SIM	7-20-10	7-26-10	
3-Nitroaniline	ND	1.0	EPA 8270	7-20-10	7-23-10	

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SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0720W1					
2,4-Dinitrophenol	ND	10	EPA 8270	7-20-10	7-23-10	
Acenaphthene	ND	0.10	EPA 8270/SIM	7-20-10	7-26-10	
4-Nitrophenol	ND	1.0	EPA 8270	7-20-10	7-23-10	
2,4-Dinitrotoluene	ND	1.0	EPA 8270	7-20-10	7-23-10	
Dibenzofuran	ND	1.0	EPA 8270	7-20-10	7-23-10	
2,3,5,6-Tetrachlorophenol	ND	1.0	EPA 8270	7-20-10	7-23-10	
2,3,4,6-Tetrachlorophenol	ND	1.0	EPA 8270	7-20-10	7-23-10	
Diethylphthalate	ND	1.0	EPA 8270	7-20-10	7-23-10	
4-Chlorophenyl-phenylether	ND	1.0	EPA 8270	7-20-10	7-23-10	
4-Nitroaniline	ND	1.0	EPA 8270	7-20-10	7-23-10	
Fluorene	ND	0.10	EPA 8270/SIM	7-20-10	7-26-10	
4,6-Dinitro-2-methylphenol	ND	5.0	EPA 8270	7-20-10	7-23-10	
n-Nitrosodiphenylamine	ND	10	EPA 8270	7-20-10	7-23-10	
1,2-Diphenylhydrazine	ND	1.0	EPA 8270	7-20-10	7-23-10	
4-Bromophenyl-phenylether	ND	1.0	EPA 8270	7-20-10	7-23-10	
Hexachlorobenzene	ND	1.0	EPA 8270	7-20-10	7-23-10	
Pentachlorophenol	ND	5.0	EPA 8270	7-20-10	7-23-10	
Phenanthrene	ND	0.10	EPA 8270/SIM	7-20-10	7-26-10	
Anthracene	ND	0.10	EPA 8270/SIM	7-20-10	7-26-10	
Carbazole	ND	1.0	EPA 8270	7-20-10	7-23-10	
Di-n-butylphthalate	ND	1.0	EPA 8270	7-20-10	7-23-10	
Fluoranthene	ND	0.10	EPA 8270/SIM	7-20-10	7-26-10	
Benzidine	ND	10	EPA 8270	7-20-10	7-23-10	
Pyrene	ND	0.10	EPA 8270/SIM	7-20-10	7-26-10	
Butylbenzylphthalate	ND	1.0	EPA 8270	7-20-10	7-23-10	
bis-2-Ethylhexyladipate	ND	1.0	EPA 8270	7-20-10	7-23-10	
3,3'-Dichlorobenzidine	ND	10	EPA 8270	7-20-10	7-23-10	
Benzo[a]anthracene	ND	0.010	EPA 8270/SIM	7-20-10	7-26-10	
Chrysene	ND	0.010	EPA 8270/SIM	7-20-10	7-26-10	
bis(2-Ethylhexyl)phthalate	ND	1.0	EPA 8270	7-20-10	7-23-10	
Di-n-octylphthalate	ND	1.0	EPA 8270	7-20-10	7-23-10	
Benzo[b]fluoranthene	ND	0.010	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[k]fluoranthene	ND	0.010	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[a]pyrene	ND	0.010	EPA 8270/SIM	7-20-10	7-26-10	
Indeno[1,2,3-cd]pyrene	ND	0.010	EPA 8270/SIM	7-20-10	7-26-10	
Dibenz[a,h]anthracene	ND	0.010	EPA 8270/SIM	7-20-10	7-26-10	
Benzo[g,h,i]perylene	ND	0.010	EPA 8270/SIM	7-20-10	7-26-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>44</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>34</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>69</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>68</i>	<i>42 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>77</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>78</i>	<i>57 - 114</i>				

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**SEMIVOLATILES by EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	Limits	Limit		
SPIKE BLANKS										
Laboratory ID:	SB0720W1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	15.8	13.8	40.0	40.0	40	35	24 - 70	14	26	
2-Chlorophenol	28.2	24.3	40.0	40.0	71	61	36 - 116	15	28	
1,4-Dichlorobenzene	12.9	10.8	20.0	20.0	65	54	30 - 107	18	31	
n-Nitroso-di-n-propylamine	13.7	11.6	20.0	20.0	69	58	35 - 114	17	26	
1,2,4-Trichlorobenzene	12.6	10.5	20.0	20.0	63	53	29 - 108	18	29	
4-Chloro-3-methylphenol	32.4	31.0	40.0	40.0	81	78	56 - 108	4	17	
Acenaphthene	14.1	13.6	20.0	20.0	71	68	49 - 104	4	21	
4-Nitrophenol	19.8	20.8	40.0	40.0	50	52	17 - 86	5	23	
2,4-Dinitrotoluene	16.3	16.5	20.0	20.0	82	83	52 - 106	1	17	
Pentachlorophenol	35.1	36.1	40.0	40.0	88	90	45 - 110	3	24	
Pyrene	16.2	17.2	20.0	20.0	81	86	65 - 103	6	16	
<i>Surrogate:</i>										
2-Fluorophenol					48	41	14 - 95			
Phenol-d6					37	32	10 - 94			
Nitrobenzene-d5					71	60	34 - 118			
2-Fluorobiphenyl					68	62	42 - 111			
2,4,6-Tribromophenol					77	78	52 - 117			
Terphenyl-d14					77	81	57 - 114			

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	07-117-01					
Client ID:	WSP-02-05-GW					
Arsenic	ND	3.3	200.8	7-27-10	7-27-10	
Cadmium	ND	4.4	200.8	7-27-10	7-27-10	
Calcium	15000	1100	6010B	7-27-10	7-27-10	
Chromium	ND	11	200.8	7-27-10	7-27-10	
Copper	ND	11	200.8	7-27-10	7-27-10	
Magnesium	6400	1100	6010B	7-27-10	7-27-10	
Manganese	32	11	200.8	7-27-10	7-27-10	
Mercury	ND	0.50	7470A	7-27-10	7-27-10	
Sodium	9000	1100	6010B	7-27-10	7-27-10	

Lab ID:	07-117-02					
Client ID:	WSP-XX-06-GW					
Arsenic	ND	3.3	200.8	7-27-10	7-27-10	
Cadmium	ND	4.4	200.8	7-27-10	7-27-10	
Calcium	25000	1100	6010B	7-27-10	7-27-10	
Chromium	ND	11	200.8	7-27-10	7-27-10	
Copper	ND	11	200.8	7-27-10	7-27-10	
Magnesium	11000	1100	6010B	7-27-10	7-27-10	
Manganese	1800	11	200.8	7-27-10	7-27-10	
Mercury	ND	0.50	7470A	7-27-10	7-27-10	
Sodium	15000	1100	6010B	7-27-10	7-27-10	

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	07-117-03					
Client ID:	WSP-XX-07LF-GW					
Arsenic	ND	3.3	200.8	7-27-10	7-27-10	
Cadmium	ND	4.4	200.8	7-27-10	7-27-10	
Calcium	12000	1100	6010B	7-27-10	7-27-10	
Chromium	ND	11	200.8	7-27-10	7-27-10	
Copper	ND	11	200.8	7-27-10	7-27-10	
Magnesium	4900	1100	6010B	7-27-10	7-27-10	
Manganese	ND	11	200.8	7-27-10	7-27-10	
Mercury	ND	0.50	7470A	7-27-10	7-27-10	
Sodium	5600	1100	6010B	7-27-10	7-27-10	

Lab ID:	07-117-04					
Client ID:	WSP-XX-09LF-GW					
Arsenic	ND	3.3	200.8	7-27-10	7-27-10	
Cadmium	ND	4.4	200.8	7-27-10	7-27-10	
Calcium	83000	1100	6010B	7-27-10	7-27-10	
Chromium	ND	11	200.8	7-27-10	7-27-10	
Copper	ND	11	200.8	7-27-10	7-27-10	
Magnesium	34000	1100	6010B	7-27-10	7-27-10	
Manganese	ND	11	200.8	7-27-10	7-27-10	
Mercury	ND	0.50	7470A	7-27-10	7-27-10	
Sodium	33000	1100	6010B	7-27-10	7-27-10	

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	07-117-05					
Client ID:	WSP-XX10LF-GW					
Arsenic	ND	3.3	200.8	7-27-10	7-27-10	
Cadmium	ND	4.4	200.8	7-27-10	7-27-10	
Calcium	51000	1100	6010B	7-27-10	7-27-10	
Chromium	ND	11	200.8	7-27-10	7-27-10	
Copper	ND	11	200.8	7-27-10	7-27-10	
Magnesium	20000	1100	6010B	7-27-10	7-27-10	
Manganese	ND	11	200.8	7-27-10	7-27-10	
Mercury	ND	0.50	7470A	7-27-10	7-27-10	
Sodium	18000	1100	6010B	7-27-10	7-27-10	

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**TOTAL METALS
 EPA 200.8/6010B/7470A
 METHOD BLANK QUALITY CONTROL**

Date Extracted: 7-27-10
 Date Analyzed: 7-27-10

 Matrix: Water
 Units: ug/L (ppb)

 Lab ID: MB0727W1&MB0727W2

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.3
Cadmium	200.8	ND	4.4
Calcium	6010B	ND	1100
Chromium	200.8	ND	11
Copper	200.8	ND	11
Magnesium	6010B	ND	1100
Manganese	200.8	ND	11
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**TOTAL METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 7-27-10

Date Analyzed: 7-27-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-098-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.3	
Cadmium	ND	ND	NA	4.4	
Calcium	66200	67300	2	1100	
Chromium	ND	ND	NA	11	
Copper	ND	ND	NA	11	
Magnesium	27400	27300	0	1100	
Manganese	ND	ND	NA	11	
Mercury	ND	ND	NA	1.30	
Sodium	20400	20400	0	1100	

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**TOTAL METALS
 EPA 200.8/6010B/7470A
 MS/MSD QUALITY CONTROL**

Date Extracted: 7-27-10

Date Analyzed: 7-27-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-098-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	109	99	107	98	1	
Cadmium	110	107	97	107	98	0	
Calcium	22000	83700	80	85900	89	3	
Chromium	110	99.1	90	97.9	89	1	
Copper	110	102	93	100	91	2	
Magnesium	22000	46500	86	46700	87	0	
Manganese	110	102	93	100	91	2	
Mercury	12.5	12.0	96	12.2	97	2	
Sodium	22000	41200	95	40700	92	1	

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	07-117-01					
Client ID:	WSP-02-05-GW					
Arsenic	ND	3.0	200.8		7-26-10	
Cadmium	ND	4.0	200.8		7-26-10	
Calcium	15000	1100	6010B		7-27-10	
Chromium	ND	10	200.8		7-26-10	
Copper	ND	10	200.8		7-26-10	
Magnesium	6200	1100	6010B		7-27-10	
Manganese	ND	10	200.8		7-26-10	
Mercury	ND	0.50	7470A		7-27-10	
Sodium	9300	1100	6010B		7-27-10	

Lab ID:	07-117-02					
Client ID:	WSP-XX-06-GW					
Arsenic	ND	3.0	200.8		7-26-10	
Cadmium	ND	4.0	200.8		7-26-10	
Calcium	26000	1100	6010B		7-27-10	
Chromium	ND	10	200.8		7-26-10	
Copper	ND	10	200.8		7-26-10	
Magnesium	11000	1100	6010B		7-27-10	
Manganese	1800	10	200.8		7-26-10	
Mercury	ND	0.50	7470A		7-27-10	
Sodium	15000	1100	6010B		7-27-10	

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	07-117-03					
Client ID:	WSP-XX-07LF-GW					
Arsenic	ND	3.0	200.8		7-26-10	
Cadmium	ND	4.0	200.8		7-26-10	
Calcium	13000	1100	6010B		7-27-10	
Chromium	ND	10	200.8		7-26-10	
Copper	ND	10	200.8		7-26-10	
Magnesium	5200	1100	6010B		7-27-10	
Manganese	10	10	200.8		7-26-10	
Mercury	ND	0.50	7470A		7-27-10	
Sodium	5900	1100	6010B		7-27-10	

Lab ID:	07-117-04					
Client ID:	WSP-XX-09LF-GW					
Arsenic	ND	3.0	200.8		7-26-10	
Cadmium	ND	4.0	200.8		7-26-10	
Calcium	85000	1100	6010B		7-27-10	
Chromium	ND	10	200.8		7-26-10	
Copper	18	10	200.8		7-26-10	
Magnesium	34000	1100	6010B		7-27-10	
Manganese	ND	10	200.8		7-26-10	
Mercury	ND	0.50	7470A		7-27-10	
Sodium	34000	1100	6010B		7-27-10	

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**DISSOLVED METALS
 EPA 200.8/6010B/7470A**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	07-117-05					
Client ID:	WSP-XX10LF-GW					
Arsenic	ND	3.0	200.8		7-26-10	
Cadmium	ND	4.0	200.8		7-26-10	
Calcium	52000	1100	6010B		7-27-10	
Chromium	ND	10	200.8		7-26-10	
Copper	ND	10	200.8		7-26-10	
Magnesium	21000	1100	6010B		7-27-10	
Manganese	ND	10	200.8		7-26-10	
Mercury	ND	0.50	7470A		7-27-10	
Sodium	19000	1100	6010B		7-27-10	

Date of Report: July 29, 2010
Samples Submitted: July 17, 2010
Laboratory Reference: 1007-117
Project: WSP RI/FS

**DISSOLVED METALS
EPA 200.8/6010B/7470A
METHOD BLANK QUALITY CONTROL**

Date Analyzed: 7-26&27-10
Matrix: Water
Units: ug/L (ppb)
Lab ID: MB0720F1&MB0727D2

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Cadmium	200.8	ND	4.0
Calcium	6010B	ND	1100
Chromium	200.8	ND	10
Copper	200.8	ND	10
Magnesium	6010B	ND	1100
Manganese	200.8	ND	10
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Analyzed: 7-26&27-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.0	
Cadmium	ND	ND	NA	4.0	
Calcium	66500	67600	2	1100	
Chromium	ND	ND	NA	10	
Copper	ND	ND	NA	10	
Magnesium	28200	28100	0	1100	
Manganese	ND	ND	NA	10	
Mercury	ND	ND	NA	0.5	
Sodium	20700	20900	1	1100	

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 MS/MSD QUALITY CONTROL**

Date Analyzed: 7-26&27-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-098-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	216	108	215	108	0	
Cadmium	200	199	99	200	100	1	
Calcium	22000	84400	81	85400	86	1	
Chromium	200	175	88	183	91	4	
Copper	200	191	95	192	96	1	
Magnesium	22000	46800	85	46400	83	1	
Manganese	200	176	88	178	89	1	
Mercury	12.5	12.1	97	11.9	95	2	
Sodium	22000	40700	91	39700	86	3	

Date of Report: July 29, 2010
Samples Submitted: July 17, 2010
Laboratory Reference: 1007-117
Project: WSP RI/FS

**TOTAL DISSOLVED SOLIDS
SM 2540C**

Date Analyzed: 7-21-10

Matrix: Water
Units: mg/L

Client ID	Lab ID	Result	PQL
WSP-02-05-GW	07-117-01	140	13
WSP-XX-06-GW	07-117-02	210	13
WSP-XX-07LF-GW	07-117-03	120	13
WSP-XX-09LF-GW	07-117-04	580	13
WSP-XX-10LF-GW	07-117-05	370	13

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**TOTAL DISSOLVED SOLIDS
 SM 2540C
 QUALITY CONTROL**

Date Analyzed: 7-21-10

Matrix: Water
 Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0720W1	ND	13

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0720W1	480	500	96	89-107	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
07-098-02	436	444	2	12	

Date of Report: July 29, 2010
Samples Submitted: July 17, 2010
Laboratory Reference: 1007-117
Project: WSP RI/FS

SULFATE
ASTM D516-02

Date Analyzed: 7-26-10

Matrix: Water

Units: mg/L

Client ID	Lab ID	Result	PQL
WSP-02-05-GW	07-117-01	ND	5.0
WSP-XX-06-GW	07-117-02	6.5	5.0
WSP-XX-07LF-GW	07-117-03	ND	5.0
WSP-XX-09LF-GW	07-117-04	28	10
WSP-XX-10LF-GW	07-117-05	32	10

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**SULFATE
 ASTM D516-02
 QUALITY CONTROL**

Date Analyzed: 7-26-10

Matrix: Water

Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0726W1	ND	5.0

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0726W1	10.1	10.0	101	90-114	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
07-098-02	24.0				
Matrix Spike	42.5	20.0	93	84-116	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
07-098-02	24.0	23.3	3	8	

Date of Report: July 29, 2010
Samples Submitted: July 17, 2010
Laboratory Reference: 1007-117
Project: WSP RI/FS

**ALKALINITY
EPA 310.2**

Date Analyzed: 7-29-10
Matrix: Water
Units: mg CaCO₃/L

Client ID	Lab ID	Carbonate Alkalinity	Bicarbonate Concentration	PQL
WSP-02-05-GW	07-117-01	ND	76	20
WSP-XX-06-GW	07-117-02	ND	150	20
WSP-XX-07LF-GW	07-117-03	ND	66	20
WSP-XX-09LF-GW	07-117-04	ND	310	20
WSP-XX-10LF-GW	07-117-05	ND	170	20

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**ALKALINITY
 EPA 310.2
 QUALITY CONTROL**

Date Analyzed: 7-29-10
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0729W1	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0729W1	102	100	102	70-130	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
07-117-03	66.0	64.0	3	8	

Date of Report: July 29, 2010
Samples Submitted: July 17, 2010
Laboratory Reference: 1007-117
Project: WSP RI/FS

**NITRATE (as Nitrogen)
EPA 353.2**

Date Analyzed: 7-22-10

Matrix: Water
Units: mg /L

Client ID	Lab ID	Result	PQL
WSP-02-05-GW	07-117-01	1.3	0.050
WSP-XX-06-GW	07-117-02	0.15	0.050
WSP-XX-07LF-GW	07-117-03	1.3	0.050
WSP-XX-09LF-GW	07-117-04	12	0.25
WSP-XX-10LF-GW	07-117-05	7.4	0.10

Date of Report: July 29, 2010
 Samples Submitted: July 17, 2010
 Laboratory Reference: 1007-117
 Project: WSP RI/FS

**NITRATE (as Nitrogen)
 EPA 353.2
 QUALITY CONTROL**

Date Analyzed: 7-22-10

Matrix: Water
 Units: mg /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0722W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0722W1	1.97	2.00	99	83-119	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
07-098-02	15.4				
Matrix Spike	36.9	20.0	108	82-120	

DUPLICATE QUALITY CONTROL

Lab ID	Result	Duplicate Result	RPD	Control Limit	Flag
07-098-02	15.4	15.5	1	14	



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



OnSite Environmental Inc.
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-5881 • www.onsite-env.com

Chain of Custody

Turnaround Request
 (in working days)

(Check One)

- Same Day 1 Day
- 2 Day 3 Day
- Standard (7 working days)
 (TPH analysis 5 working days)
- (other)

Laboratory Number:

07-1117

Requested Analysis

NWTPH-HCID	
NWTPH-Gx/BTEX	
NWTPH-Dx	
Volatiles by 8260B	
Halogenated Volatiles by 8260B	
Semivolatiles by 8270D / SIM	
PAHs by 8270D / SIM	
PCBs by 8082	
Pesticides by 8081A	
Herbicides by 8151A	
Total PCPA Metals (8) See List Below	
TCLP Metals	
HEM by 1664	
Diss. metals - List	
TDS, Ca, Mg, Na sulfates	
carbonate, bicarbonate	
Nitrate	
% Moisture	

Sample ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Requested Analysis	Comments/Special Instructions
1	WSP - 02-05-GW	7/16/10	0945	W	12		
2	WSP - XX-06-GW	↓	1215				
3	WSP - XX-07LF-GW	7/15/10	1245				
4	WSP - XX-09LF-GW	↓	1045				
5	WSP - XX-10LF-GW	↓	1330				
6	WSP-TB-04-071510	7/15/10	-		2		
7	WSP-TB-05-071610	7/16/10	-		2		
Relinquished by		Signature: <i>Ronald R. Simons</i>		Company: Parametrix	Date: 7/17/10	Time: 10:55	diss. metals samples field collected w/ 0.45Lqm canister filter. metals: As, Cd, Cr, Hg, Mn, Cu
Received by		Signature: <i>OS Site Env</i>		Company: OS Site Env	Date: 7/17/10	Time: 10:55	
Relinquished by		Signature:		Company:	Date:	Time:	
Received by		Signature:		Company:	Date:	Time:	
Relinquished by		Signature:		Company:	Date:	Time:	
Received by		Signature:		Company:	Date:	Time:	
Reviewed by/Date		Reviewed by/Date		Reviewed by/Date		Chromatograms with final report <input type="checkbox"/>	



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 9, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project WSP
Laboratory Reference No. 1007-213

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on July 30, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: August 9, 2010
Samples Submitted: July 30, 2010
Laboratory Reference: 1007-213
Project: WSP

Case Narrative

Samples were collected on July 29, 2010 and received by the laboratory on July 30, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

NWTPH-Gx

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW-7					
Laboratory ID:	07-213-01					
Gasoline	ND	100	NWTPH-Gx	7-30-10	7-30-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>81</i>	<i>74-121</i>				
Client ID:	MW-8					
Laboratory ID:	07-213-02					
Gasoline	ND	100	NWTPH-Gx	7-30-10	7-30-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>80</i>	<i>74-121</i>				

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0730W2					
Gasoline	ND	100	NWTPH-Gx	7-30-10	7-30-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>100</i>	<i>74-121</i>				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	07-203-01							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	30	
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				<i>81</i>	<i>82</i>	<i>74-121</i>		

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

NWTPH-Dx
 (with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW-7					
Laboratory ID:	07-213-01					
Diesel Range Organics	ND	0.27	NWTPH-Dx	8-2-10	8-2-10	
Lube Oil Range Organics	ND	0.44	NWTPH-Dx	8-2-10	8-2-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	55	50-150				
Client ID:	MW-8					
Laboratory ID:	07-213-02					
Diesel Range Organics	ND	0.27	NWTPH-Dx	8-2-10	8-2-10	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	8-2-10	8-2-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	91	50-150				

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0802W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	8-2-10	8-2-10	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	8-2-10	8-2-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	71	50-150				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	07-210-01						
	ORIG	DUP					
Diesel Range Organics	ND	ND			NA	NA	
Lube Oil Range Organics	ND	ND			NA	NA	
<i>Surrogate:</i>							
<i>o-Terphenyl</i>			75	73	50-150		

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

VOLATILES by EPA 8260B
 page 1 of 2

Date Extracted: 8-3-10
 Date Analyzed: 8-3-10
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: 07-213-01
 Client ID: MW-7

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	2.2		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

VOLATILES by EPA 8260B
 page 2 of 2

Lab ID: 07-213-01
 Client ID: MW-7

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	82		71-126
Toluene-d8	84		76-116
4-Bromofluorobenzene	78		70-123

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

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Date Extracted: 8-3-10
 Date Analyzed: 8-3-10
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: 07-213-02
 Client ID: MW-8

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	1.6		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	3.3		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

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Lab ID: 07-213-02
 Client ID: MW-8

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	85		71-126
Toluene-d8	89		76-116
4-Bromofluorobenzene	79		70-123

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

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Date Extracted: 8-3-10
 Date Analyzed: 8-3-10
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: 07-213-03
 Client ID: trip blank

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

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Lab ID: 07-213-03
 Client ID: trip blank

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	90		71-126
Toluene-d8	89		76-116
4-Bromofluorobenzene	83		70-123

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Date Extracted: 8-3-10
 Date Analyzed: 8-3-10
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: MB0803W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB0803W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	86	71-126
Toluene-d8	86	76-116
4-Bromofluorobenzene	82	70-123

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**VOLATILES by EPA 8260B
 MS/MSD QUALITY CONTROL**

Date Extracted: 8-3-10

Date Analyzed: 8-3-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-213-01

Compound	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	ND	10.0	11.2	112	11.0	110	70-130	
Benzene	ND	10.0	11.0	110	11.3	113	74-125	
Trichloroethene	ND	10.0	10.8	108	10.4	104	77-117	
Toluene	ND	10.0	10.8	108	10.6	106	79-119	
Chlorobenzene	ND	10.0	10.3	103	9.89	99	85-112	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	13	
Benzene	3	11	
Trichloroethene	4	11	
Toluene	2	11	
Chlorobenzene	4	10	

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW-7					
Laboratory ID:	07-213-01					
n-Nitrosodimethylamine	ND	1.1	EPA 8270	8-2-10	8-3-10	
Pyridine	ND	11	EPA 8270	8-2-10	8-3-10	
Phenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
Aniline	ND	5.5	EPA 8270	8-2-10	8-3-10	
bis(2-Chloroethyl)ether	ND	1.1	EPA 8270	8-2-10	8-3-10	
2-Chlorophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
1,3-Dichlorobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
1,4-Dichlorobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
Benzyl alcohol	ND	1.1	EPA 8270	8-2-10	8-3-10	
1,2-Dichlorobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
2-Methylphenol (o-Cresol)	ND	1.1	EPA 8270	8-2-10	8-3-10	
bis(2-Chloroisopropyl)ether	ND	1.1	EPA 8270	8-2-10	8-3-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	1.1	EPA 8270	8-2-10	8-3-10	
n-Nitroso-di-n-propylamine	ND	1.1	EPA 8270	8-2-10	8-3-10	
Hexachloroethane	ND	1.1	EPA 8270	8-2-10	8-3-10	
Nitrobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
Isophorone	ND	1.1	EPA 8270	8-2-10	8-3-10	
2-Nitrophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,4-Dimethylphenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
bis(2-Chloroethoxy)methane	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,4-Dichlorophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
1,2,4-Trichlorobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
Naphthalene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
4-Chloroaniline	ND	11	EPA 8270	8-2-10	8-3-10	
Hexachlorobutadiene	ND	1.1	EPA 8270	8-2-10	8-3-10	
4-Chloro-3-methylphenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
2-Methylnaphthalene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
1-Methylnaphthalene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
Hexachlorocyclopentadiene	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,4,6-Trichlorophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,3-Dichloroaniline	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,4,5-Trichlorophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
2-Chloronaphthalene	ND	1.1	EPA 8270	8-2-10	8-3-10	
2-Nitroaniline	ND	1.1	EPA 8270	8-2-10	8-3-10	
1,4-Dinitrobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
Dimethylphthalate	ND	1.1	EPA 8270	8-2-10	8-3-10	
1,3-Dinitrobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,6-Dinitrotoluene	ND	1.1	EPA 8270	8-2-10	8-3-10	
1,2-Dinitrobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
Acenaphthylene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
3-Nitroaniline	ND	1.1	EPA 8270	8-2-10	8-3-10	

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW-7					
Laboratory ID:	07-213-01					
2,4-Dinitrophenol	ND	11	EPA 8270	8-2-10	8-3-10	
Acenaphthene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
4-Nitrophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,4-Dinitrotoluene	ND	1.1	EPA 8270	8-2-10	8-3-10	
Dibenzofuran	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,3,5,6-Tetrachlorophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,3,4,6-Tetrachlorophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
Diethylphthalate	ND	1.1	EPA 8270	8-2-10	8-3-10	
4-Chlorophenyl-phenylether	ND	1.1	EPA 8270	8-2-10	8-3-10	
4-Nitroaniline	ND	1.1	EPA 8270	8-2-10	8-3-10	
Fluorene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
4,6-Dinitro-2-methylphenol	ND	5.5	EPA 8270	8-2-10	8-3-10	
n-Nitrosodiphenylamine	ND	11	EPA 8270	8-2-10	8-3-10	
1,2-Diphenylhydrazine	ND	1.1	EPA 8270	8-2-10	8-3-10	
4-Bromophenyl-phenylether	ND	1.1	EPA 8270	8-2-10	8-3-10	
Hexachlorobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
Pentachlorophenol	ND	5.5	EPA 8270	8-2-10	8-3-10	
Phenanthrene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
Anthracene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
Carbazole	ND	1.1	EPA 8270	8-2-10	8-3-10	
Di-n-butylphthalate	ND	1.1	EPA 8270	8-2-10	8-3-10	
Fluoranthene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
Benzidine	ND	11	EPA 8270	8-2-10	8-3-10	
Pyrene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
Butylbenzylphthalate	ND	1.1	EPA 8270	8-2-10	8-3-10	
bis-2-Ethylhexyladipate	ND	1.1	EPA 8270	8-2-10	8-3-10	
3,3'-Dichlorobenzidine	ND	11	EPA 8270	8-2-10	8-3-10	
Benzo[a]anthracene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
Chrysene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
bis(2-Ethylhexyl)phthalate	ND	1.1	EPA 8270	8-2-10	8-3-10	
Di-n-octylphthalate	ND	1.1	EPA 8270	8-2-10	8-3-10	
Benzo[b]fluoranthene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
Benzo[k]fluoranthene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
Benzo[a]pyrene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
Indeno[1,2,3-cd]pyrene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
Dibenz[a,h]anthracene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
Benzo[g,h,i]perylene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>53</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>40</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>85</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>82</i>	<i>40 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>90</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>96</i>	<i>57 - 114</i>				

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW-8					
Laboratory ID:	07-213-02					
n-Nitrosodimethylamine	ND	1.1	EPA 8270	8-2-10	8-3-10	
Pyridine	ND	11	EPA 8270	8-2-10	8-3-10	
Phenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
Aniline	ND	5.4	EPA 8270	8-2-10	8-3-10	
bis(2-Chloroethyl)ether	ND	1.1	EPA 8270	8-2-10	8-3-10	
2-Chlorophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
1,3-Dichlorobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
1,4-Dichlorobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
Benzyl alcohol	ND	1.1	EPA 8270	8-2-10	8-3-10	
1,2-Dichlorobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
2-Methylphenol (o-Cresol)	ND	1.1	EPA 8270	8-2-10	8-3-10	
bis(2-Chloroisopropyl)ether	ND	1.1	EPA 8270	8-2-10	8-3-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	1.1	EPA 8270	8-2-10	8-3-10	
n-Nitroso-di-n-propylamine	ND	1.1	EPA 8270	8-2-10	8-3-10	
Hexachloroethane	ND	1.1	EPA 8270	8-2-10	8-3-10	
Nitrobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
Isophorone	ND	1.1	EPA 8270	8-2-10	8-3-10	
2-Nitrophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,4-Dimethylphenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
bis(2-Chloroethoxy)methane	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,4-Dichlorophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
1,2,4-Trichlorobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
Naphthalene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
4-Chloroaniline	ND	11	EPA 8270	8-2-10	8-3-10	
Hexachlorobutadiene	ND	1.1	EPA 8270	8-2-10	8-3-10	
4-Chloro-3-methylphenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
2-Methylnaphthalene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
1-Methylnaphthalene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
Hexachlorocyclopentadiene	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,4,6-Trichlorophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,3-Dichloroaniline	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,4,5-Trichlorophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
2-Chloronaphthalene	ND	1.1	EPA 8270	8-2-10	8-3-10	
2-Nitroaniline	ND	1.1	EPA 8270	8-2-10	8-3-10	
1,4-Dinitrobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
Dimethylphthalate	ND	1.1	EPA 8270	8-2-10	8-3-10	
1,3-Dinitrobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,6-Dinitrotoluene	ND	1.1	EPA 8270	8-2-10	8-3-10	
1,2-Dinitrobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
Acenaphthylene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
3-Nitroaniline	ND	1.1	EPA 8270	8-2-10	8-3-10	

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW-8					
Laboratory ID:	07-213-02					
2,4-Dinitrophenol	ND	11	EPA 8270	8-2-10	8-3-10	
Acenaphthene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
4-Nitrophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,4-Dinitrotoluene	ND	1.1	EPA 8270	8-2-10	8-3-10	
Dibenzofuran	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,3,5,6-Tetrachlorophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
2,3,4,6-Tetrachlorophenol	ND	1.1	EPA 8270	8-2-10	8-3-10	
Diethylphthalate	ND	1.1	EPA 8270	8-2-10	8-3-10	
4-Chlorophenyl-phenylether	ND	1.1	EPA 8270	8-2-10	8-3-10	
4-Nitroaniline	ND	1.1	EPA 8270	8-2-10	8-3-10	
Fluorene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
4,6-Dinitro-2-methylphenol	ND	5.4	EPA 8270	8-2-10	8-3-10	
n-Nitrosodiphenylamine	ND	11	EPA 8270	8-2-10	8-3-10	
1,2-Diphenylhydrazine	ND	1.1	EPA 8270	8-2-10	8-3-10	
4-Bromophenyl-phenylether	ND	1.1	EPA 8270	8-2-10	8-3-10	
Hexachlorobenzene	ND	1.1	EPA 8270	8-2-10	8-3-10	
Pentachlorophenol	ND	5.4	EPA 8270	8-2-10	8-3-10	
Phenanthrene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
Anthracene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
Carbazole	ND	1.1	EPA 8270	8-2-10	8-3-10	
Di-n-butylphthalate	ND	1.1	EPA 8270	8-2-10	8-3-10	
Fluoranthene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
Benzidine	ND	11	EPA 8270	8-2-10	8-3-10	
Pyrene	ND	0.11	EPA 8270/SIM	8-2-10	8-2-10	
Butylbenzylphthalate	ND	1.1	EPA 8270	8-2-10	8-3-10	
bis(2-Ethylhexyl)adipate	ND	1.1	EPA 8270	8-2-10	8-3-10	
3,3'-Dichlorobenzidine	ND	11	EPA 8270	8-2-10	8-3-10	
Benzo[a]anthracene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
Chrysene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
bis(2-Ethylhexyl)phthalate	ND	1.1	EPA 8270	8-2-10	8-3-10	
Di-n-octylphthalate	ND	1.1	EPA 8270	8-2-10	8-3-10	
Benzo[b]fluoranthene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
Benzo[k]fluoranthene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
Benzo[a]pyrene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
Indeno[1,2,3-cd]pyrene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
Dibenz[a,h]anthracene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
Benzo[g,h,i]perylene	ND	0.011	EPA 8270/SIM	8-2-10	8-2-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>52</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>40</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>82</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>82</i>	<i>40 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>84</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>92</i>	<i>57 - 114</i>				

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**SEMIVOLATILES by EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0802W1					
n-Nitrosodimethylamine	ND	1.0	EPA 8270	8-2-10	8-3-10	
Pyridine	ND	10	EPA 8270	8-2-10	8-3-10	
Phenol	ND	1.0	EPA 8270	8-2-10	8-3-10	
Aniline	ND	5.0	EPA 8270	8-2-10	8-3-10	
bis(2-Chloroethyl)ether	ND	1.0	EPA 8270	8-2-10	8-3-10	
2-Chlorophenol	ND	1.0	EPA 8270	8-2-10	8-3-10	
1,3-Dichlorobenzene	ND	1.0	EPA 8270	8-2-10	8-3-10	
1,4-Dichlorobenzene	ND	1.0	EPA 8270	8-2-10	8-3-10	
Benzyl alcohol	ND	1.0	EPA 8270	8-2-10	8-3-10	
1,2-Dichlorobenzene	ND	1.0	EPA 8270	8-2-10	8-3-10	
2-Methylphenol (o-Cresol)	ND	1.0	EPA 8270	8-2-10	8-3-10	
bis(2-Chloroisopropyl)ether	ND	1.0	EPA 8270	8-2-10	8-3-10	
(3+4)-Methylphenol (m,p-Cresol)	ND	1.0	EPA 8270	8-2-10	8-3-10	
n-Nitroso-di-n-propylamine	ND	1.0	EPA 8270	8-2-10	8-3-10	
Hexachloroethane	ND	1.0	EPA 8270	8-2-10	8-3-10	
Nitrobenzene	ND	1.0	EPA 8270	8-2-10	8-3-10	
Isophorone	ND	1.0	EPA 8270	8-2-10	8-3-10	
2-Nitrophenol	ND	1.0	EPA 8270	8-2-10	8-3-10	
2,4-Dimethylphenol	ND	1.0	EPA 8270	8-2-10	8-3-10	
bis(2-Chloroethoxy)methane	ND	1.0	EPA 8270	8-2-10	8-3-10	
2,4-Dichlorophenol	ND	1.0	EPA 8270	8-2-10	8-3-10	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8270	8-2-10	8-3-10	
Naphthalene	ND	0.10	EPA 8270/SIM	8-2-10	8-2-10	
4-Chloroaniline	ND	10	EPA 8270	8-2-10	8-3-10	
Hexachlorobutadiene	ND	1.0	EPA 8270	8-2-10	8-3-10	
4-Chloro-3-methylphenol	ND	1.0	EPA 8270	8-2-10	8-3-10	
2-Methylnaphthalene	ND	0.10	EPA 8270/SIM	8-2-10	8-2-10	
1-Methylnaphthalene	ND	0.10	EPA 8270/SIM	8-2-10	8-2-10	
Hexachlorocyclopentadiene	ND	1.0	EPA 8270	8-2-10	8-3-10	
2,4,6-Trichlorophenol	ND	1.0	EPA 8270	8-2-10	8-3-10	
2,3-Dichloroaniline	ND	1.0	EPA 8270	8-2-10	8-3-10	
2,4,5-Trichlorophenol	ND	1.0	EPA 8270	8-2-10	8-3-10	
2-Chloronaphthalene	ND	1.0	EPA 8270	8-2-10	8-3-10	
2-Nitroaniline	ND	1.0	EPA 8270	8-2-10	8-3-10	
1,4-Dinitrobenzene	ND	1.0	EPA 8270	8-2-10	8-3-10	
Dimethylphthalate	ND	1.0	EPA 8270	8-2-10	8-3-10	
1,3-Dinitrobenzene	ND	1.0	EPA 8270	8-2-10	8-3-10	
2,6-Dinitrotoluene	ND	1.0	EPA 8270	8-2-10	8-3-10	
1,2-Dinitrobenzene	ND	1.0	EPA 8270	8-2-10	8-3-10	
Acenaphthylene	ND	0.10	EPA 8270/SIM	8-2-10	8-2-10	
3-Nitroaniline	ND	1.0	EPA 8270	8-2-10	8-3-10	

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0802W1					
2,4-Dinitrophenol	ND	10	EPA 8270	8-2-10	8-3-10	
Acenaphthene	ND	0.10	EPA 8270/SIM	8-2-10	8-2-10	
4-Nitrophenol	ND	1.0	EPA 8270	8-2-10	8-3-10	
2,4-Dinitrotoluene	ND	1.0	EPA 8270	8-2-10	8-3-10	
Dibenzofuran	ND	1.0	EPA 8270	8-2-10	8-3-10	
2,3,5,6-Tetrachlorophenol	ND	1.0	EPA 8270	8-2-10	8-3-10	
2,3,4,6-Tetrachlorophenol	ND	1.0	EPA 8270	8-2-10	8-3-10	
Diethylphthalate	ND	1.0	EPA 8270	8-2-10	8-3-10	
4-Chlorophenyl-phenylether	ND	1.0	EPA 8270	8-2-10	8-3-10	
4-Nitroaniline	ND	1.0	EPA 8270	8-2-10	8-3-10	
Fluorene	ND	0.10	EPA 8270/SIM	8-2-10	8-2-10	
4,6-Dinitro-2-methylphenol	ND	5.0	EPA 8270	8-2-10	8-3-10	
n-Nitrosodiphenylamine	ND	10	EPA 8270	8-2-10	8-3-10	
1,2-Diphenylhydrazine	ND	1.0	EPA 8270	8-2-10	8-3-10	
4-Bromophenyl-phenylether	ND	1.0	EPA 8270	8-2-10	8-3-10	
Hexachlorobenzene	ND	1.0	EPA 8270	8-2-10	8-3-10	
Pentachlorophenol	ND	5.0	EPA 8270	8-2-10	8-3-10	
Phenanthrene	ND	0.10	EPA 8270/SIM	8-2-10	8-2-10	
Anthracene	ND	0.10	EPA 8270/SIM	8-2-10	8-2-10	
Carbazole	ND	1.0	EPA 8270	8-2-10	8-3-10	
Di-n-butylphthalate	ND	1.0	EPA 8270	8-2-10	8-3-10	
Fluoranthene	ND	0.10	EPA 8270/SIM	8-2-10	8-2-10	
Benzidine	ND	10	EPA 8270	8-2-10	8-3-10	
Pyrene	ND	0.10	EPA 8270/SIM	8-2-10	8-2-10	
Butylbenzylphthalate	ND	1.0	EPA 8270	8-2-10	8-3-10	
bis-2-Ethylhexyladipate	ND	1.0	EPA 8270	8-2-10	8-3-10	
3,3'-Dichlorobenzidine	ND	10	EPA 8270	8-2-10	8-3-10	
Benzo[a]anthracene	ND	0.010	EPA 8270/SIM	8-2-10	8-2-10	
Chrysene	ND	0.010	EPA 8270/SIM	8-2-10	8-2-10	
bis(2-Ethylhexyl)phthalate	ND	1.0	EPA 8270	8-2-10	8-3-10	
Di-n-octylphthalate	ND	1.0	EPA 8270	8-2-10	8-3-10	
Benzo[b]fluoranthene	ND	0.010	EPA 8270/SIM	8-2-10	8-2-10	
Benzo[k]fluoranthene	ND	0.010	EPA 8270/SIM	8-2-10	8-2-10	
Benzo[a]pyrene	ND	0.010	EPA 8270/SIM	8-2-10	8-2-10	
Indeno[1,2,3-cd]pyrene	ND	0.010	EPA 8270/SIM	8-2-10	8-2-10	
Dibenz[a,h]anthracene	ND	0.010	EPA 8270/SIM	8-2-10	8-2-10	
Benzo[g,h,i]perylene	ND	0.010	EPA 8270/SIM	8-2-10	8-2-10	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>51</i>	<i>14 - 95</i>				
<i>Phenol-d6</i>	<i>37</i>	<i>10 - 94</i>				
<i>Nitrobenzene-d5</i>	<i>77</i>	<i>34 - 118</i>				
<i>2-Fluorobiphenyl</i>	<i>74</i>	<i>40 - 111</i>				
<i>2,4,6-Tribromophenol</i>	<i>81</i>	<i>52 - 117</i>				
<i>Terphenyl-d14</i>	<i>86</i>	<i>57 - 114</i>				

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**SEMIVOLATILES by EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	Limits	Limit		
SPIKE BLANKS										
Laboratory ID:	SB0802W1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	16.8	18.3	40.0	40.0	42	46	24 - 70	9	26	
2-Chlorophenol	30.8	33.9	40.0	40.0	77	85	36 - 116	10	28	
1,4-Dichlorobenzene	14.2	15.6	20.0	20.0	71	78	30 - 107	9	31	
n-Nitroso-di-n-propylamine	14.5	16.0	20.0	20.0	73	80	35 - 114	10	26	
1,2,4-Trichlorobenzene	14.0	15.4	20.0	20.0	70	77	29 - 108	10	29	
4-Chloro-3-methylphenol	32.7	35.0	40.0	40.0	82	88	56 - 108	7	17	
Acenaphthene	15.1	15.9	20.0	20.0	76	80	49 - 104	5	21	
4-Nitrophenol	19.4	20.8	40.0	40.0	49	52	17 - 86	7	23	
2,4-Dinitrotoluene	15.4	17.4	20.0	20.0	77	87	52 - 106	12	17	
Pentachlorophenol	36.8	42.8	40.0	40.0	92	107	45 - 110	15	24	
Pyrene	16.9	18.6	20.0	20.0	85	93	65 - 103	10	16	
<i>Surrogate:</i>										
2-Fluorophenol					55	59	14 - 95			
Phenol-d6					41	44	10 - 94			
Nitrobenzene-d5					80	86	34 - 118			
2-Fluorobiphenyl					80	85	40 - 111			
2,4,6-Tribromophenol					84	93	52 - 117			
Terphenyl-d14					86	93	57 - 114			

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	07-213-01					
Client ID:	MW-7					
Arsenic	4.7	3.3	200.8	8-2-10	8-3-10	
Cadmium	ND	4.4	200.8	8-2-10	8-3-10	
Calcium	63000	1100	6010B	8-2-10	8-4-10	
Chromium	43	2.8	200.8	8-2-10	8-3-10	
Copper	86	11	200.8	8-2-10	8-3-10	
Magnesium	29000	1100	6010B	8-2-10	8-4-10	
Manganese	3100	110	200.8	8-2-10	8-3-10	
Mercury	ND	0.50	7470A	8-2-10	8-2-10	
Sodium	30000	1100	6010B	8-2-10	8-4-10	
Lab ID:	07-213-02					
Client ID:	MW-8					
Arsenic	10	3.3	200.8	8-2-10	8-3-10	
Cadmium	ND	4.4	200.8	8-2-10	8-3-10	
Calcium	92000	1100	6010B	8-2-10	8-4-10	
Chromium	75	2.8	200.8	8-2-10	8-3-10	
Copper	470	11	200.8	8-2-10	8-3-10	
Magnesium	37000	1100	6010B	8-2-10	8-4-10	
Manganese	35000	110	200.8	8-2-10	8-3-10	
Mercury	ND	0.50	7470A	8-2-10	8-2-10	
Sodium	22000	1100	6010B	8-2-10	8-4-10	

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**TOTAL METALS
 EPA 200.8/6010B
 METHOD BLANK QUALITY CONTROL**

Date Extracted: 8-2-10
 Date Analyzed: 8-2&4-10

 Matrix: Water
 Units: ug/L (ppb)

 Lab ID: MB0802W2

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.3
Cadmium	200.8	ND	4.4
Calcium	6010B	ND	1100
Chromium	200.8	ND	11
Copper	200.8	ND	11
Magnesium	6010B	ND	1100
Manganese	200.8	ND	11
Sodium	6010B	ND	1100

Date of Report: August 9, 2010
Samples Submitted: July 30, 2010
Laboratory Reference: 1007-213
Project: WSP

**TOTAL MERCURY
EPA 7470A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 8-2-10

Date Analyzed: 8-2-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: MB0802W1

Analyte	Method	Result	PQL
Mercury	7470A	ND	0.50

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**TOTAL METALS
 EPA 200.8/6010B
 DUPLICATE QUALITY CONTROL**

Date Extracted: 8-2-10
 Date Analyzed: 8-2&4-10

 Matrix: Water
 Units: ug/L (ppb)

 Lab ID: 07-214-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.3	
Cadmium	ND	ND	NA	4.4	
Calcium	127000	126000	1	11000	
Chromium	ND	ND	NA	11	
Copper	ND	ND	NA	11	
Magnesium	39900	39700	1	1100	
Manganese	2260	2110	7	280	
Sodium	19800	19700	1	1100	

Date of Report: August 9, 2010
Samples Submitted: July 30, 2010
Laboratory Reference: 1007-213
Project: WSP

**TOTAL MERCURY
EPA 7470A
DUPLICATE QUALITY CONTROL**

Date Extracted: 8-2-10

Date Analyzed: 8-2-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-213-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	ND	ND	NA	1.30	

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**TOTAL METALS
 EPA 200.8/6010B
 MS/MSD QUALITY CONTROL**

Date Extracted: 8-2-10
 Date Analyzed: 8-2&4-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-214-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	113	102	115	105	2	
Cadmium	110	105	96	107	98	2	
Calcium	22000	143000	75	143000	75	0	
Chromium	110	91.3	83	95.2	87	4	
Copper	110	94.6	86	97.6	89	3	
Magnesium	22000	57500	80	57500	80	0	
Manganese	110	2100	0	1990	0	5	A
Sodium	22000	39400	89	39000	87	1	

Date of Report: August 9, 2010
Samples Submitted: July 30, 2010
Laboratory Reference: 1007-213
Project: WSP

**TOTAL MERCURY
EPA 7470A
MS/MSD QUALITY CONTROL**

Date Extracted: 8-2-10

Date Analyzed: 8-2-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: 07-213-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	12.5	12.6	101	12.5	100	1	

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**DISSOLVED METALS
 EPA 200.8/6010B/7470A**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	07-213-01					
Client ID:	MW-7					
Arsenic	ND	3.0	200.8		7-30-10	
Cadmium	ND	4.0	200.8		7-30-10	
Calcium	46000	1100	6010B		8-4-10	
Chromium	ND	10	200.8		7-30-10	
Copper	ND	10	200.8		7-30-10	
Magnesium	19000	1100	6010B		8-4-10	
Manganese	64	10	200.8		7-30-10	
Mercury	ND	0.50	7470A		8-2-10	
Sodium	26000	1100	6010B		8-4-10	
Lab ID:	07-213-02					
Client ID:	MW-8					
Arsenic	ND	3.0	200.8		7-30-10	
Cadmium	ND	4.0	200.8		7-30-10	
Calcium	59000	1100	6010B		8-4-10	
Chromium	ND	10	200.8		7-30-10	
Copper	ND	10	200.8		7-30-10	
Magnesium	21000	1100	6010B		8-4-10	
Manganese	ND	10	200.8		7-30-10	
Mercury	ND	0.5	7470A		8-2-10	
Sodium	15000	1100	6010B		8-4-10	

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 METHOD BLANK QUALITY CONTROL**

Date Analyzed: 7-30,8-2&4-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: MB0728F1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Cadmium	200.8	ND	4.0
Calcium	6010B	ND	1100
Chromium	200.8	ND	10
Copper	200.8	ND	10
Magnesium	6010B	ND	1100
Manganese	200.8	ND	10
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Analyzed: 7-30,8-2&4-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-181-08

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.0	
Cadmium	ND	ND	NA	4.0	
Calcium	22900	22900	0	1100	
Chromium	ND	ND	NA	10	
Copper	ND	ND	NA	10	
Magnesium	17300	17400	0	1100	
Manganese	120	119	1	10	
Mercury	ND	ND	NA	0.5	
Sodium	28800	29000	1	1100	

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 MS/MSD QUALITY CONTROL**

Date Analyzed: 7-30,8-2&4-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 07-181-08

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	206	103	204	102	1	
Cadmium	200	199	100	202	101	1	
Calcium	22000	42000	87	42000	87	0	
Chromium	200	189	94	189	95	0	
Copper	200	200	100	197	99	2	
Magnesium	22000	37600	92	37700	92	0	
Manganese	200	299	90	304	92	2	
Mercury	12.5	12.4	99	12.4	99	0	
Sodium	22000	48500	90	48500	90	0	

Date of Report: August 9, 2010
Samples Submitted: July 30, 2010
Laboratory Reference: 1007-213
Project: WSP

**TOTAL DISSOLVED SOLIDS
SM 2540C**

Date Analyzed: 8-4-10

Matrix: Water
Units: mg/L

Client ID	Lab ID	Result	PQL
MW-7	07-213-01	370	20
MW-8	07-213-02	370	20

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**TOTAL DISSOLVED SOLIDS
 SM 2540C
 QUALITY CONTROL**

Date Analyzed: 8-4-10

Matrix: Water
 Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0803W1	ND	13

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
Sb0803W1	496	500	99	89-107	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
07-213-02	372	378	2	12	

Date of Report: August 9, 2010
Samples Submitted: July 30, 2010
Laboratory Reference: 1007-213
Project: WSP

SULFATE
ASTM D516-02

Date Analyzed: 8-5-10

Matrix: Water

Units: mg/L

Client ID	Lab ID	Result	PQL
MW-7	07-213-01	38	10
MW-8	07-213-02	20	5.0

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**SULFATE
 ASTM D516-02
 QUALITY CONTROL**

Date Analyzed: 8-5-10

Matrix: Water

Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0730F1	ND	5.0

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0730F1	10.7	10.0	107	90-114	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
07-203-05	ND				
Matrix Spike	10.3	10.0	103	84-116	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
07-203-05	ND	ND	NA	8	

Date of Report: August 9, 2010
Samples Submitted: July 30, 2010
Laboratory Reference: 1007-213
Project: WSP

**ALKALINITY
EPA 310.2**

Date Analyzed: 8-3-10

Matrix: Water

Units: mg CaCO₃/L

Client ID	Lab ID	Carbonate Alkalinity	Bicarbonate Concentration	PQL
MW-7	07-213-01	ND	190	20
MW-8	07-213-02	ND	260	20

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**ALKALINITY
 EPA 310.2
 QUALITY CONTROL**

Date Analyzed: 8-3-10

Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0803W1	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0803W1	102	100	102	70-130	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
07-213-01	186	192	3	8	

Date of Report: August 9, 2010
Samples Submitted: July 30, 2010
Laboratory Reference: 1007-213
Project: WSP

**NITRATE (as Nitrogen)
EPA 353.2**

Date Analyzed: 7-30-10

Matrix: Water
Units: mg /L

Client ID	Lab ID	Result	PQL
MW-7	07-213-01	10	0.25
MW-8	07-213-02	7.8	0.25

Date of Report: August 9, 2010
 Samples Submitted: July 30, 2010
 Laboratory Reference: 1007-213
 Project: WSP

**NITRATE (as Nitrogen)
 EPA 353.2
 QUALITY CONTROL**

Date Analyzed: 7-30-10

Matrix: Water
 Units: mg /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0730F1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0730F1	2.12	2.00	106	83-119	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
07-213-02	7.79				
Matrix Spike	18.6	10.0	108	82-120	

DUPLICATE QUALITY CONTROL

Lab ID	Result	Duplicate Result	RPD	Control Limit	Flag
07-213-02	7.79	7.64	2	14	



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference



OnSite Environmental Inc.
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Turnaround Request
 (in working days)

(Check One)

- Same Day 1 Day
 2 Day 3 Day
 Standard (7 working days)
 (TPH analysis 5 working days)

Laboratory Number:

07-213

Requested Analysis

Company: **Parametrix**
 Project Number:
 Project Name: **WSP**
 Project Manager: **M. Warfel**
 Sampled by: **R. Simmons**

(other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total PCPA Metals ^(*)	TCP Metals	HEM by 1664	TDS	Ca, Mg, Na	Sulfates	Carbonate/Bicarbonate	Nitrates	% Moisture
1	AW-7	7/29/10	1055	W	13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
2	AW-8	↓	1210	↓	↓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
3	trip blank	7/29/10	-	-	2	X																		

Signature	Company	Date	Time	Comments/Special Instructions
<i>Ronald A. Simmons</i>	PMX	7/30/10	1210	Diss. metals field filtered
<i>[Signature]</i>	OSE	7/30/10	1210	w/ 0.45 um canis for filter
				Metals: As, Cd, Cr, Hg, ^{Mn} Pb, Cu

Reviewed by/Date Chromatograms with final report



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 8, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project 2009-138
Laboratory Reference No. 1010-234

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on October 27 and 28, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: November 8, 2010
Samples Submitted: October 27 and 28, 2010
Laboratory Reference: 1010-234
Project: 2009-138

Case Narrative

Samples were collected on October 25 and 26, 2010 and received by the laboratory on October 27 and 28, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

VOLATILES by EPA 8260B

page 1 of 2

Date Extracted: 11-1-10
 Date Analyzed: 11-1-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-234-01
 Client ID: **WSP-MW-03-GW-102510**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.94		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	1.9		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

VOLATILES by EPA 8260B
 page 2 of 2

Lab ID: 10-234-01
 Client ID: **WSP-MW-03-GW-102510**

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	93		71-126
Toluene-d8	87		76-116
4-Bromofluorobenzene	84		70-123

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

VOLATILES by EPA 8260B
 page 1 of 2

Date Extracted: 11-2-10
 Date Analyzed: 11-2-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-234-02
Client ID: WSP-MW-02-GW-102510

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.80		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	2.0		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

VOLATILES by EPA 8260B
 page 2 of 2

Lab ID: 10-234-02
 Client ID: WSP-MW-02-GW-102510

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	71-126
Toluene-d8	85	76-116
4-Bromofluorobenzene	84	70-123

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

VOLATILES by EPA 8260B

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Date Extracted: 11-2-10
 Date Analyzed: 11-2-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-234-03
 Client ID: **WSP-MW-09-GW-102510**

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.78		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	1.3		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

VOLATILES by EPA 8260B
 page 2 of 2

Lab ID: 10-234-03
 Client ID: **WSP-MW-09-GW-102510**

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.42		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	92		71-126
Toluene-d8	85		76-116
4-Bromofluorobenzene	84		70-123

Date of Report: November 8, 2010
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Date Extracted: 11-1-10
 Date Analyzed: 11-1-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-234-04
Client ID: WSP-MW-01-GW-102510

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.20		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	0.35		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-234-04
 Client ID: WSP-MW-01-GW-102510

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	92		71-126
Toluene-d8	85		76-116
4-Bromofluorobenzene	86		70-123

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
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Date Extracted: 11-1-10
 Date Analyzed: 11-1-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-234-05
Client ID: WSP-MW-14-GW-102510

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.80		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	0.99		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-234-05
 Client ID: **WSP-MW-14-GW-102510**

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.72		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	71-126
Toluene-d8	87	76-116
4-Bromofluorobenzene	85	70-123

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

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Date Extracted: 11-1-10
 Date Analyzed: 11-1-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-234-06

Client ID: WSP-TB-01-102610

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-234-06
 Client ID: WSP-TB-01-102610

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	86		71-126
Toluene-d8	84		76-116
4-Bromofluorobenzene	80		70-123

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
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 Project: 2009-138

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Date Extracted: 11-1-10
 Date Analyzed: 11-1-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-234-07
Client ID: WSP-MW-06-GW-102610

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-234-07
 Client ID: WSP-MW-06-GW-102610

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	0.43		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	97	71-126
Toluene-d8	91	76-116
4-Bromofluorobenzene	90	70-123

Date of Report: November 8, 2010
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Date Extracted: 11-2-10
 Date Analyzed: 11-2-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-234-08
Client ID: WSP-MW-07-GW-102610

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	1.9		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-234-08
 Client ID: WSP-MW-07-GW-102610

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	93		71-126
Toluene-d8	89		76-116
4-Bromofluorobenzene	87		70-123

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
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Date Extracted: 11-1-10
 Date Analyzed: 11-1-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-234-09

Client ID: WSP-DUP-GW-102610

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-234-09
 Client ID: WSP-DUP-GW-102610

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	0.41		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	92		71-126
Toluene-d8	87		76-116
4-Bromofluorobenzene	86		70-123

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Date Extracted: 11-1-10
 Date Analyzed: 11-1-10
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: MB1101W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Lab ID: MB1101W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	96	71-126
Toluene-d8	89	76-116
4-Bromofluorobenzene	88	70-123

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Date Extracted: 11-2-10
 Date Analyzed: 11-2-10
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: MB1102W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
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METHOD BLANK QUALITY CONTROL
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Lab ID: MB1102W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	87	71-126
Toluene-d8	84	76-116
4-Bromofluorobenzene	81	70-123

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 11-1-10

Date Analyzed: 11-1-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: SB1101W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	12.3	123	12.4	124	70-130	
Benzene	10.0	10.7	107	11.1	111	73-130	
Trichloroethene	10.0	10.1	101	10.3	103	79-122	
Toluene	10.0	9.97	100	10.5	105	80-121	
Chlorobenzene	10.0	10.3	103	10.7	107	83-116	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	15	
Benzene	4	14	
Trichloroethene	2	14	
Toluene	5	13	
Chlorobenzene	4	13	

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 11-2-10

Date Analyzed: 11-2-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: SB1102W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	11.8	118	11.7	117	70-130	
Benzene	10.0	10.8	108	10.6	106	73-130	
Trichloroethene	10.0	10.3	103	9.69	97	79-122	
Toluene	10.0	10.5	105	9.84	98	80-121	
Chlorobenzene	10.0	10.7	107	10.1	101	83-116	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	15	
Benzene	1	14	
Trichloroethene	6	14	
Toluene	6	13	
Chlorobenzene	6	13	

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	10-234-01					
Client ID:	WSP-MW-03-GW-102510					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	67000	1100	6010B	11-1-10	11-2-10	
Chromium	16	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	ND	1.1	200.8	11-1-10	11-1-10	
Manganese	40	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	17000	1100	6010B	11-1-10	11-2-10	

Lab ID:	10-234-02					
Client ID:	WSP-MW-02-GW-102510					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	66000	1100	6010B	11-1-10	11-2-10	
Chromium	ND	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	ND	1.1	200.8	11-1-10	11-1-10	
Manganese	ND	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	20000	1100	6010B	11-1-10	11-2-10	

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	10-234-03					
Client ID:	WSP-MW-09-GW-102510					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	58000	1100	6010B	11-1-10	11-2-10	
Chromium	15	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	ND	1.1	200.8	11-1-10	11-1-10	
Manganese	64	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	15000	1100	6010B	11-1-10	11-2-10	

Lab ID:	10-234-04					
Client ID:	WSP-MW-01-GW-102510					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	100000	1100	6010B	11-1-10	11-2-10	
Chromium	ND	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	ND	1.1	200.8	11-1-10	11-1-10	
Manganese	ND	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	21000	1100	6010B	11-1-10	11-2-10	

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	10-234-05					
Client ID:	WSP-MW-14-GW-102510					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	73000	1100	6010B	11-1-10	11-2-10	
Chromium	19	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	ND	1.1	200.8	11-1-10	11-1-10	
Manganese	51	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	32000	1100	6010B	11-1-10	11-2-10	

Lab ID:	10-234-07					
Client ID:	WSP-MW-06-GW-102610					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	29000	1100	6010B	11-1-10	11-2-10	
Chromium	ND	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	ND	1.1	200.8	11-1-10	11-1-10	
Manganese	2400	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	17000	1100	6010B	11-1-10	11-2-10	

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	10-234-08					
Client ID:	WSP-MW-07-GW-102610					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	42000	1100	6010B	11-1-10	11-2-10	
Chromium	14	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	ND	1.1	200.8	11-1-10	11-1-10	
Manganese	22	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	26000	1100	6010B	11-1-10	11-2-10	

Lab ID:	10-234-09					
Client ID:	WSP-DUP-GW-102610					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	29000	1100	6010B	11-1-10	11-2-10	
Chromium	ND	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	ND	1.1	200.8	11-1-10	11-1-10	
Manganese	2500	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	17000	1100	6010B	11-1-10	11-2-10	

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

**TOTAL METALS
 EPA 200.8/6010B/7470A
 METHOD BLANK QUALITY CONTROL**

Date Extracted: 11-1&3-10
 Date Analyzed: 11-1,2&3-10

 Matrix: Water
 Units: ug/L (ppb)

 Lab ID: MB1101W2&MB1103W1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.3
Cadmium	200.8	ND	4.4
Calcium	6010B	ND	1100
Chromium	200.8	ND	11
Copper	200.8	ND	11
Lead	200.8	ND	1.1
Manganese	200.8	ND	11
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

**TOTAL METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 11-1&3-10
 Date Analyzed: 11-1,2&3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-05

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.3	
Cadmium	ND	ND	NA	4.4	
Calcium	82000	82900	1	1100	
Chromium	ND	ND	NA	11	
Copper	ND	ND	NA	11	
Lead	ND	ND	NA	1.1	
Manganese	43.6	42.2	3	11	
Mercury	ND	ND	NA	0.50	
Sodium	45700	45200	1	1100	

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

**TOTAL METALS
 EPA 200.8/6010B/7470A
 MS/MSD QUALITY CONTROL**

Date Extracted: 11-1&3-10
 Date Analyzed: 11-1,2&3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-05

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	109	99	104	94	5	
Cadmium	110	105	95	99.8	91	5	
Calcium	22000	101000	84	101000	84	0	
Chromium	110	102	92	96.1	87	6	
Copper	110	102	93	97.8	89	4	
Lead	110	107	97	103	94	4	
Manganese	110	138	86	130	79	5	
Mercury	12.5	12.5	100	12.4	99	1	
Sodium	22000	65400	90	65100	88	0	

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-234-01					
Client ID:	WSP-MW-03-GW-102510					
Arsenic	ND	3.0	200.8		11-1-10	
Cadmium	ND	4.0	200.8		11-1-10	
Calcium	67000	1100	6010B		11-2-10	
Chromium	ND	10	200.8		11-1-10	
Copper	ND	10	200.8		11-1-10	
Lead	ND	1.0	200.8		11-1-10	
Manganese	ND	10	200.8		11-1-10	
Mercury	ND	0.50	7470A		11-3-10	
Sodium	17000	1100	6010B		11-2-10	

Lab ID:	10-234-02					
Client ID:	WSP-MW-02-GW-102510					
Arsenic	ND	3.0	200.8		11-1-10	
Cadmium	ND	4.0	200.8		11-1-10	
Calcium	66000	1100	6010B		11-2-10	
Chromium	ND	10	200.8		11-1-10	
Copper	ND	10	200.8		11-1-10	
Lead	ND	1.0	200.8		11-1-10	
Manganese	ND	10	200.8		11-1-10	
Mercury	ND	0.50	7470A		11-3-10	
Sodium	19000	1100	6010B		11-2-10	

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-234-03					
Client ID:	WSP-MW-09-GW-102510					
Arsenic	ND	3.0	200.8		11-1-10	
Cadmium	ND	4.0	200.8		11-1-10	
Calcium	58000	1100	6010B		11-2-10	
Chromium	ND	10	200.8		11-1-10	
Copper	ND	10	200.8		11-1-10	
Lead	ND	1.0	200.8		11-1-10	
Manganese	21	10	200.8		11-1-10	
Mercury	ND	0.50	7470A		11-3-10	
Sodium	15000	1100	6010B		11-2-10	

Lab ID:	10-234-04					
Client ID:	WSP-MW-01-GW-102510					
Arsenic	ND	3.0	200.8		11-1-10	
Cadmium	ND	4.0	200.8		11-1-10	
Calcium	99000	1100	6010B		11-2-10	
Chromium	ND	10	200.8		11-1-10	
Copper	ND	10	200.8		11-1-10	
Lead	ND	1.0	200.8		11-1-10	
Manganese	ND	10	200.8		11-1-10	
Mercury	ND	0.50	7470A		11-3-10	
Sodium	20000	1100	6010B		11-2-10	

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-234-05					
Client ID:	WSP-MW-14-GW-102510					
Arsenic	ND	3.0	200.8		11-1-10	
Cadmium	ND	4.0	200.8		11-1-10	
Calcium	72000	1100	6010B		11-2-10	
Chromium	ND	10	200.8		11-1-10	
Copper	ND	10	200.8		11-1-10	
Lead	ND	1.0	200.8		11-1-10	
Manganese	ND	10	200.8		11-1-10	
Mercury	ND	0.50	7470A		11-3-10	
Sodium	31000	1100	6010B		11-2-10	

Lab ID:	10-234-07					
Client ID:	WSP-MW-06-GW-102610					
Arsenic	ND	3.0	200.8		11-1-10	
Cadmium	ND	4.0	200.8		11-1-10	
Calcium	29000	1100	6010B		11-2-10	
Chromium	ND	10	200.8		11-1-10	
Copper	ND	10	200.8		11-1-10	
Lead	ND	1.0	200.8		11-1-10	
Manganese	2400	10	200.8		11-1-10	
Mercury	ND	0.50	7470A		11-3-10	
Sodium	16000	1100	6010B		11-2-10	

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	10-234-08					
Client ID:	WSP-MW-07-GW-102610					
Arsenic	ND	3.0	200.8		11-1-10	
Cadmium	ND	4.0	200.8		11-1-10	
Calcium	42000	1100	6010B		11-2-10	
Chromium	ND	10	200.8		11-1-10	
Copper	ND	10	200.8		11-1-10	
Lead	ND	1.0	200.8		11-1-10	
Manganese	ND	10	200.8		11-1-10	
Mercury	ND	0.50	7470A		11-3-10	
Sodium	26000	1100	6010B		11-2-10	

Lab ID:	10-234-09					
Client ID:	WSP-DUP-GW-102610					
Arsenic	ND	3.0	200.8		11-1-10	
Cadmium	ND	4.0	200.8		11-1-10	
Calcium	29000	1100	6010B		11-2-10	
Chromium	ND	10	200.8		11-1-10	
Copper	ND	10	200.8		11-1-10	
Lead	ND	1.0	200.8		11-1-10	
Manganese	2600	10	200.8		11-1-10	
Mercury	ND	0.50	7470A		11-3-10	
Sodium	16000	1100	6010B		11-2-10	

Date of Report: November 8, 2010
Samples Submitted: October 27 and 28, 2010
Laboratory Reference: 1010-234
Project: 2009-138

**DISSOLVED METALS
EPA 200.8/6010B/7470A
METHOD BLANK QUALITY CONTROL**

Date Filtered: 10-28-10
Date Analyzed: 11-1,2&3-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1028F1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Cadmium	200.8	ND	4.0
Calcium	6010B	ND	1100
Chromium	200.8	ND	10
Copper	200.8	ND	10
Lead	200.8	ND	1.0
Manganese	200.8	ND	10
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Analyzed: 11-1,2&3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-05

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.0	
Cadmium	ND	ND	NA	4.0	
Calcium	79800	78900	1	1100	
Chromium	ND	ND	NA	10	
Copper	ND	ND	NA	10	
Lead	ND	ND	NA	1.0	
Manganese	17.1	16.7	3	10	
Mercury	ND	ND	NA	0.50	
Sodium	44300	43600	2	1100	

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 MS/MSD QUALITY CONTROL**

Date Analyzed: 11-1,2&3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-05

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	224	112	222	111	1	
Cadmium	200	201	100	199	100	1	
Calcium	22000	97900	82	96900	78	1	
Chromium	200	189	94	185	93	2	
Copper	200	194	97	194	97	0	
Lead	200	200	100	201	101	0	
Manganese	200	200	92	201	92	0	
Mercury	12.5	12.5	100	12.3	98	1	
Sodium	22000	63300	86	63000	85	0	

Date of Report: November 8, 2010
Samples Submitted: October 27 and 28, 2010
Laboratory Reference: 1010-234
Project: 2009-138

**AMMONIA (as Nitrogen)
SM 4500-NH₃ F**

Date Analyzed: 11-4-10
Matrix: Water
Units: mg NH₃-N /L

Client ID	Lab ID	Result	PQL
WSP-MW-03-GW-102510	10-234-01	0.063	0.050
WSP-MW-02-GW-102510	10-234-02	ND	0.050
WSP-MW-09-GW-102510	10-234-03	ND	0.050
WSP-MW-01-GW-102510	10-234-04	ND	0.050
WSP-MW-14-GW-102510	10-234-05	ND	0.050
WSP-MW-06-GW-102610	10-234-07	ND	0.050
WSP-MW-07-GW-102610	10-234-08	ND	0.050
WSP-DUP-GW-102610	10-234-09	ND	0.050

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

**AMMONIA (as Nitrogen)
 SM 4500-NH₃ F
 QUALITY CONTROL**

Date Analyzed: 11-4-10
 Matrix: Water
 Units: mg NH₃-N /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB1104W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB1104W1	4.63	5.00	93	85-103	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
10-251-05	ND				
Matrix Spike	4.56	5.00	91	82-107	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
10-251-05	ND	ND	NA	8	

Date of Report: November 8, 2010
Samples Submitted: October 27 and 28, 2010
Laboratory Reference: 1010-234
Project: 2009-138

**NITRATE (as Nitrogen)
EPA 353.2**

Date Analyzed: 11-5-10

Matrix: Water

Units: mg /L

Client ID	Lab ID	Result	PQL
WSP-MW-03-GW-102510	10-234-01	16	0.25
WSP-MW-02-GW-102510	10-234-02	14	0.25
WSP-MW-09-GW-102510	10-234-03	14	0.25
WSP-MW-01-GW-102510	10-234-04	15	0.25
WSP-MW-14-GW-102510	10-234-05	18	0.25
WSP-MW-06-GW-102610	10-234-07	0.61	0.25
WSP-MW-07-GW-102610	10-234-08	9.1	0.25
WSP-DUP-GW-102610	10-234-09	0.48	0.25

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

**NITRATE (as Nitrogen)
 EPA 353.2
 QUALITY CONTROL**

Date Analyzed: 11-5-10

Matrix: Water
 Units: mg /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB1105W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB1105W1	2.02	2.00	101	83-119	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
10-251-05	34.4				
Matrix Spike	54.8	20.0	102	82-120	

DUPLICATE QUALITY CONTROL

Lab ID	Result	Duplicate Result	RPD	Control Limit	Flag
10-251-05	34.4	35.4	3	14	

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

**ALKALINITY
 EPA 310.2**

Date Analyzed: 11-2-10
 Matrix: Water
 Units: mg CaCO₃/L

Client ID	Lab ID	Carbonate Alkalinity	Bicarbonate Concentration	PQL
WSP-MW-03-GW-102510	10-234-01	ND	240	20
WSP-MW-02-GW-102510	10-234-02	ND	250	20
WSP-MW-09-GW-102510	10-234-03	ND	200	20
WSP-MW-01-GW-102510	10-234-04	ND	410	20
WSP-MW-14-GW-102510	10-234-05	ND	280	20
WSP-MW-06-GW-102610	10-234-07	ND	160	20
WSP-MW-07-GW-102610	10-234-08	ND	180	20
WSP-DUP-GW-102610	10-234-09	ND	160	20

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

**ALKALINITY
 EPA 310.2
 QUALITY CONTROL**

Date Analyzed: 11-2-10
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB1102W1	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB1102W1	106	100	106	70-130	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
10-251-05	274	274	0	8	

Date of Report: November 8, 2010
Samples Submitted: October 27 and 28, 2010
Laboratory Reference: 1010-234
Project: 2009-138

SULFATE
ASTM D516-02

Date Analyzed: 11-3-10

Matrix: Water

Units: mg/L

Client ID	Lab ID	Result	PQL
WSP-MW-03-GW-102510	10-234-01	22	10
WSP-MW-02-GW-102510	10-234-02	22	5.0
WSP-MW-09-GW-102510	10-234-03	21	10
WSP-MW-01-GW-102510	10-234-04	44	10
WSP-MW-14-GW-102510	10-234-05	36	10
WSP-MW-06-GW-102610	10-234-07	7.7	5.0
WSP-MW-07-GW-102610	10-234-08	30	10
WSP-DUP-GW-102610	10-234-09	7.7	5.0

Date of Report: November 8, 2010
 Samples Submitted: October 27 and 28, 2010
 Laboratory Reference: 1010-234
 Project: 2009-138

**SULFATE
 ASTM D516-02
 QUALITY CONTROL**

Date Analyzed: 11-3-10

Matrix: Water

Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB1103W1	ND	5.0

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB1103W1	10.2	10.0	102	90-114	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
10-251-05	47.9				
Matrix Spike	96.0	50.0	96	84-116	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
10-251-05	47.9	46.3	3	8	



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



OnSite Environmental Inc.

14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 853-3981 • www.onsite-env.com

Chain of Custody

Turnaround Request (in working days)

(Check One)

Same Day 1 Day

2 Day 3 Day

Standard (7 working days)

(TPH analysis 5 working days)

(other)

Laboratory Number:

10-234

Requested Analysis

NWTPH-HCID	<input checked="" type="checkbox"/>
NWTPH-Gx/BTEX	<input checked="" type="checkbox"/>
NWTPH-Dx	<input checked="" type="checkbox"/>
Volatiles by 8260B	<input checked="" type="checkbox"/>
Halogenated Volatiles by 8260B	<input checked="" type="checkbox"/>
Semivolatiles by 8270D / SIM	<input checked="" type="checkbox"/>
PAHs by 8270D / SIM	<input checked="" type="checkbox"/>
PCBs by 8082	<input checked="" type="checkbox"/>
Pesticides by 8081A	<input checked="" type="checkbox"/>
Herbicides by 8151A	<input checked="" type="checkbox"/>
Total RCRA Metals (8)	<input checked="" type="checkbox"/>
TCLP Metals	<input checked="" type="checkbox"/>
HEM by 1664	<input checked="" type="checkbox"/>
Total Metals	<input checked="" type="checkbox"/>
Dissolved Metals	<input checked="" type="checkbox"/>
Conventionals	<input checked="" type="checkbox"/>
% Moisture	<input type="checkbox"/>

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	Laboratory Number:		Requested Analysis	
						10-234	10-234	Total Metals	Dissolved Metals
1	WSP-MW-03-GW-102510	10/25/10	12:00	W	7				
2	WSP-MW-02-GW-102510	10/25/10	13:00	W	7				
3	WSP-MW-09-GW-102510	10/25/10	14:05	W	7				
4	WSP-MW-01-GW-102510	10/25/10	15:10	W	7				
5	WSP-MW-14-GW-102510	10/25/10	16:20	W	7				
6	WSP-TB-01-102610	10/26/10	—	W	3				
7	WSP-MW-06-GW-102610	10/26/10	8:30	W	7				
8	WSP-MW-07-GW-102610	10/26/10	10:35	W	7*				
9	WSP-DVF-GW-102610	10/26/10	—	W	7				

Signature	Company	Date	Time	Comments/Special Instructions
	HWA	10/26/10	15:00	Metals: As, Cd, Cr, Hg, Pb, Cu, Mn - dissolved metals field filtered Conventional: Na, Ca, Mg, NH ₄ , NO ₃ , carbonate, bicarbonate/alkalinity sulfate * Sample submitted 10/28/10 1630 Chromatograms with final report <input type="checkbox"/>
	HWA	10/28/10	13:40	
	HWA	10/28/10	16:20	
	HWA	10/28/10	16:30	



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November 9, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project 2009-138
Laboratory Reference No. 1010-251

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on October 28, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: November 9, 2010
Samples Submitted: October 28, 2010
Laboratory Reference: 1010-251
Project: 2009-138

Case Narrative

Samples were collected on October 27 and 28, 2010 and received by the laboratory on October 28, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

VOLATILES by EPA 8260B

page 1 of 2

Date Extracted: 11-3-10
 Date Analyzed: 11-3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-01
Client ID: WSP-MW-12-GW-102710

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.78		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	1.5		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

VOLATILES by EPA 8260B
 page 2 of 2

Lab ID: 10-251-01
 Client ID: WSP-MW-12-GW-102710

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.24		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	92		71-126
Toluene-d8	90		76-116
4-Bromofluorobenzene	86		70-123

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

VOLATILES by EPA 8260B
 page 1 of 2

Date Extracted: 11-3-10
 Date Analyzed: 11-3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-02
Client ID: WSP-MW-11-GW-102710

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.89		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	0.52		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-251-02
 Client ID: WSP-MW-11-GW-102710

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	1.2		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	94		71-126
Toluene-d8	91		76-116
4-Bromofluorobenzene	89		70-123

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Date Extracted: 11-3-10
 Date Analyzed: 11-3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-03
Client ID: WSP-MW-05-GW-102710

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.20		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-251-03
 Client ID: WSP-MW-05-GW-102710

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	1.8		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	71-126
Toluene-d8	91	76-116
4-Bromofluorobenzene	91	70-123

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Date Extracted: 11-3-10
 Date Analyzed: 11-3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-04
Client ID: WSP-MW-10-GW-102710

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	1.5		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-251-04
 Client ID: WSP-MW-10-GW-102710

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.21		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	71-126
Toluene-d8	87	76-116
4-Bromofluorobenzene	84	70-123

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Date Extracted: 11-3-10
 Date Analyzed: 11-3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-05
Client ID: WSP-MW-13-GW-102810

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	1.1		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-251-05
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Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.21		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	96		71-126
Toluene-d8	88		76-116
4-Bromofluorobenzene	86		70-123

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Date Extracted: 11-3-10
 Date Analyzed: 11-3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-08
Client ID: WSP-MW-08-GW-102810

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	1.3		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	1.4		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-251-08
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Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	92		71-126
Toluene-d8	86		76-116
4-Bromofluorobenzene	83		70-123

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Date Extracted: 11-3-10
 Date Analyzed: 11-3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-09
Client ID: WSP-TB-02-102810

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-251-09
 Client ID: **WSP-TB-02-102810**

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	99		71-126
Toluene-d8	90		76-116
4-Bromofluorobenzene	90		70-123

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Date Extracted: 11-3-10
 Date Analyzed: 11-3-10

 Matrix: Water
 Units: ug/L (ppb)

 Lab ID: 10-251-10
Client ID: WSP-ER-102710

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	7.9		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	1.0		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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Lab ID: 10-251-10
 Client ID: WSP-ER-102710

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery		Control Limits
Surrogate			
Dibromofluoromethane	93		71-126
Toluene-d8	90		76-116
4-Bromofluorobenzene	91		70-123

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Date Extracted: 11-3-10
 Date Analyzed: 11-3-10
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: MB1103W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		1.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

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METHOD BLANK QUALITY CONTROL
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Lab ID: MB1103W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	99	71-126
Toluene-d8	89	76-116
4-Bromofluorobenzene	91	70-123

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

**VOLATILES by EPA 8260B
 MS/MSD QUALITY CONTROL**

Date Extracted: 11-3-10

Date Analyzed: 11-3-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: 10-251-05

Compound	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	ND	10.0	12.2	122	11.9	119	70-130	
Benzene	ND	10.0	11.1	111	11.2	112	74-125	
Trichloroethene	ND	10.0	10.2	102	9.83	98	77-117	
Toluene	ND	10.0	10.4	104	10.3	103	79-119	
Chlorobenzene	ND	10.0	10.6	106	10.2	102	85-112	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	3	13	
Benzene	1	11	
Trichloroethene	4	11	
Toluene	1	11	
Chlorobenzene	5	10	

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	10-251-01					
Client ID:	WSP-MW-12-GW-102710					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	64000	1100	6010B	11-1-10	11-2-10	
Chromium	69	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	ND	1.1	200.8	11-1-10	11-1-10	
Manganese	58	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	30000	1100	6010B	11-1-10	11-2-10	

Lab ID:	10-251-02					
Client ID:	WSP-MW-11-GW-102710					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	72000	1100	6010B	11-1-10	11-2-10	
Chromium	33	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	ND	1.1	200.8	11-1-10	11-1-10	
Manganese	56	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	56000	1100	6010B	11-1-10	11-2-10	

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	10-251-03					
Client ID:	WSP-MW-05-GW-102710					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	27000	1100	6010B	11-1-10	11-2-10	
Chromium	13	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	ND	1.1	200.8	11-1-10	11-1-10	
Manganese	29	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	15000	1100	6010B	11-1-10	11-2-10	

Lab ID:	10-251-04					
Client ID:	WSP-MW-10-GW-102710					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	49000	1100	6010B	11-1-10	11-2-10	
Chromium	ND	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	1.1	1.1	200.8	11-1-10	11-1-10	
Manganese	130	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	35000	1100	6010B	11-1-10	11-2-10	

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	10-251-05					
Client ID:	WSP-MW-13-GW-102810					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	82000	1100	6010B	11-1-10	11-2-10	
Chromium	ND	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	ND	1.1	200.8	11-1-10	11-1-10	
Manganese	44	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	46000	1100	6010B	11-1-10	11-2-10	

Lab ID:	10-251-08					
Client ID:	WSP-MW-08-GW-102810					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	66000	1100	6010B	11-1-10	11-2-10	
Chromium	27	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	ND	1.1	200.8	11-1-10	11-1-10	
Manganese	460	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	23000	1100	6010B	11-1-10	11-2-10	

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	10-251-10					
Client ID:	WSP-ER-102710					
Arsenic	ND	3.3	200.8	11-1-10	11-1-10	
Cadmium	ND	4.4	200.8	11-1-10	11-1-10	
Calcium	ND	1100	6010B	11-1-10	11-2-10	
Chromium	ND	11	200.8	11-1-10	11-1-10	
Copper	ND	11	200.8	11-1-10	11-1-10	
Lead	ND	1.1	200.8	11-1-10	11-1-10	
Manganese	21	11	200.8	11-1-10	11-1-10	
Mercury	ND	0.50	7470A	11-3-10	11-3-10	
Sodium	ND	1100	6010B	11-1-10	11-2-10	

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

**TOTAL METALS
 EPA 200.8/6010B/7470A
 METHOD BLANK QUALITY CONTROL**

Date Extracted: 11-1&3-10
 Date Analyzed: 11-1,2&3-10

 Matrix: Water
 Units: ug/L (ppb)

 Lab ID: MB1101W2&MB1103W1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.3
Cadmium	200.8	ND	4.4
Calcium	6010B	ND	1100
Chromium	200.8	ND	11
Copper	200.8	ND	11
Lead	200.8	ND	1.1
Manganese	200.8	ND	11
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

**TOTAL METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 11-1&3-10
 Date Analyzed: 11-1,2&3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-05

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.3	
Cadmium	ND	ND	NA	4.4	
Calcium	82000	82900	1	1100	
Chromium	ND	ND	NA	11	
Copper	ND	ND	NA	11	
Lead	ND	ND	NA	1.1	
Manganese	43.6	42.2	3	11	
Mercury	ND	ND	NA	0.50	
Sodium	45700	45200	1	1100	

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

**TOTAL METALS
 EPA 200.8/6010B/7470A
 MS/MSD QUALITY CONTROL**

Date Extracted: 11-1&3-10
 Date Analyzed: 11-1,2&3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-05

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	109	99	104	94	5	
Cadmium	110	105	95	99.8	91	5	
Calcium	22000	101000	84	101000	84	0	
Chromium	110	102	92	96.1	87	6	
Copper	110	102	93	97.8	89	4	
Lead	110	107	97	103	94	4	
Manganese	110	138	86	130	79	5	
Mercury	12.5	12.5	100	12.4	99	1	
Sodium	22000	65400	90	65100	88	0	

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	10-251-01					
Client ID:	WSP-MW-12-GW-102710					
Arsenic	ND	3.0	200.8		11-1-10	
Cadmium	ND	4.0	200.8		11-1-10	
Calcium	62000	1100	6010B		11-2-10	
Chromium	12	10	200.8		11-1-10	
Copper	ND	10	200.8		11-1-10	
Lead	ND	1.0	200.8		11-1-10	
Manganese	12	10	200.8		11-1-10	
Mercury	ND	0.50	7470A		11-3-10	
Sodium	29000	1100	6010B		11-2-10	

Lab ID:	10-251-02					
Client ID:	WSP-MW-11-GW-102710					
Arsenic	ND	3.0	200.8		11-1-10	
Cadmium	ND	4.0	200.8		11-1-10	
Calcium	70000	1100	6010B		11-2-10	
Chromium	ND	10	200.8		11-1-10	
Copper	ND	10	200.8		11-1-10	
Lead	ND	1.0	200.8		11-1-10	
Manganese	ND	10	200.8		11-1-10	
Mercury	ND	0.50	7470A		11-3-10	
Sodium	54000	1100	6010B		11-3-10	

Date of Report: November 9, 2010
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DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	10-251-03					
Client ID:	WSP-MW-05-GW-102710					
Arsenic	ND	3.0	200.8		11-1-10	
Cadmium	ND	4.0	200.8		11-1-10	
Calcium	27000	1100	6010B		11-2-10	
Chromium	ND	10	200.8		11-1-10	
Copper	ND	10	200.8		11-1-10	
Lead	ND	1.0	200.8		11-1-10	
Manganese	ND	10	200.8		11-1-10	
Mercury	ND	0.50	7470A		11-3-10	
Sodium	16000	1100	6010B		11-3-10	

Lab ID: 10-251-04
Client ID: WSP-MW-10-GW-102710

Arsenic	ND	3.0	200.8		11-1-10	
Cadmium	ND	4.0	200.8		11-1-10	
Calcium	48000	1100	6010B		11-2-10	
Chromium	ND	10	200.8		11-1-10	
Copper	ND	10	200.8		11-1-10	
Lead	ND	1.0	200.8		11-1-10	
Manganese	ND	10	200.8		11-1-10	
Mercury	ND	0.50	7470A		11-3-10	
Sodium	36000	1100	6010B		11-3-10	

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

**DISSOLVED METALS
 EPA 200.8/6010B/7470A**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	10-251-05					
Client ID:	WSP-MW-13-GW-102810					
Arsenic	ND	3.0	200.8		11-1-10	
Cadmium	ND	4.0	200.8		11-1-10	
Calcium	80000	1100	6010B		11-2-10	
Chromium	ND	10	200.8		11-1-10	
Copper	ND	10	200.8		11-1-10	
Lead	ND	1.0	200.8		11-1-10	
Manganese	17	10	200.8		11-1-10	
Mercury	ND	0.50	7470A		11-3-10	
Sodium	44000	1100	6010B		11-2-10	

Lab ID: 10-251-08
Client ID: WSP-MW-08-GW-102810

Arsenic	ND	3.0	200.8		11-1-10	
Cadmium	ND	4.0	200.8		11-1-10	
Calcium	63000	1100	6010B		11-2-10	
Chromium	ND	10	200.8		11-1-10	
Copper	ND	10	200.8		11-1-10	
Lead	ND	1.0	200.8		11-1-10	
Manganese	23	10	200.8		11-1-10	
Mercury	ND	0.50	7470A		11-3-10	
Sodium	23000	1100	6010B		11-3-10	

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

**DISSOLVED METALS
 EPA 200.8/6010B/7470A**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	10-251-10					
Client ID:	WSP-ER-102710					
Arsenic	ND	3.0	200.8	10-28-10	11-1-10	
Cadmium	ND	4.0	200.8	10-28-10	11-1-10	
Calcium	ND	1100	6010B	10-28-10	11-2-10	
Chromium	ND	10	200.8	10-28-10	11-1-10	
Copper	ND	10	200.8	10-28-10	11-1-10	
Lead	ND	1.0	200.8	10-28-10	11-1-10	
Manganese	ND	10	200.8	10-28-10	11-1-10	
Mercury	ND	0.50	7470A	10-28-10	11-3-10	
Sodium	ND	1100	6010B	10-28-10	11-3-10	

Date of Report: November 9, 2010
Samples Submitted: October 28, 2010
Laboratory Reference: 1010-251
Project: 2009-138

**DISSOLVED METALS
EPA 200.8/6010B/7470A
METHOD BLANK QUALITY CONTROL**

Date Filtered: 10-28-10
Date Analyzed: 11-1,2&3-10

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB1028F1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Cadmium	200.8	ND	4.0
Calcium	6010B	ND	1100
Chromium	200.8	ND	10
Copper	200.8	ND	10
Lead	200.8	ND	1.0
Manganese	200.8	ND	10
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Analyzed: 11-1,2&3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-05

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.0	
Cadmium	ND	ND	NA	4.0	
Calcium	79800	78900	1	1100	
Chromium	ND	ND	NA	10	
Copper	ND	ND	NA	10	
Lead	ND	ND	NA	1.0	
Manganese	17.1	16.7	3	10	
Mercury	ND	ND	NA	0.50	
Sodium	44300	43600	2	1100	

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 MS/MSD QUALITY CONTROL**

Date Analyzed: 11-1,2&3-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 10-251-05

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	224	112	222	111	1	
Cadmium	200	201	100	199	100	1	
Calcium	22000	97900	82	96900	78	1	
Chromium	200	189	94	185	93	2	
Copper	200	194	97	194	97	0	
Lead	200	200	100	201	101	0	
Manganese	200	200	92	201	92	0	
Mercury	12.5	12.5	100	12.3	98	1	
Sodium	22000	63300	86	63000	85	0	

Date of Report: November 9, 2010
Samples Submitted: October 28, 2010
Laboratory Reference: 1010-251
Project: 2009-138

AMMONIA (as Nitrogen)
SM 4500-NH₃ F

Date Analyzed: 11-4-10

Matrix: Water

Units: mg NH₃-N /L

Client ID	Lab ID	Result	PQL
WSP-MW-12-GW-102710	10-251-01	ND	0.050
WSP-MW-11-GW-102710	10-251-02	0.084	0.050
WSP-MW-05-GW-102710	10-251-03	0.071	0.050
WSP-MW-10-GW-102710	10-251-04	ND	0.050
WSP-MW-13-GW-102810	10-251-05	ND	0.050
WSP-MW-08-GW-102810	10-251-08	0.12	0.050
WSP-ER-102710	10-251-10	ND	0.050

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

**AMMONIA (as Nitrogen)
 SM 4500-NH₃ F
 QUALITY CONTROL**

Date Analyzed: 11-4-10
 Matrix: Water
 Units: mg NH₃-N /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB1104W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB1104W1	4.63	5.00	93	85-103	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
10-251-05	ND				
Matrix Spike	4.56	5.00	91	82-107	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
10-251-05	ND	ND	NA	8	

Date of Report: November 9, 2010
Samples Submitted: October 28, 2010
Laboratory Reference: 1010-251
Project: 2009-138

**NITRATE (as Nitrogen)
EPA 353.2**

Date Analyzed: 11-5&9-10

Matrix: Water

Units: mg /L

Client ID	Lab ID	Result	PQL
WSP-MW-12-GW-102710	10-251-01	14	0.25
WSP-MW-11-GW-102710	10-251-02	14	0.25
WSP-MW-05-GW-102710	10-251-03	1.4	0.25
WSP-MW-10-GW-102710	10-251-04	11	0.25
WSP-MW-13-GW-102810	10-251-05	34	0.50
WSP-MW-08-GW-102810	10-251-08	7.8	0.25
WSP-ER-102710	10-251-10	ND	0.050

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

**NITRATE (as Nitrogen)
 EPA 353.2
 QUALITY CONTROL**

Date Analyzed: 11-5&9-10

Matrix: Water
 Units: mg /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB1105W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB1105W1	2.02	2.00	101	83-119	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
10-251-05	34.4				
Matrix Spike	54.8	20.0	102	82-120	

DUPLICATE QUALITY CONTROL

Lab ID	Result	Duplicate Result	RPD	Control Limit	Flag
10-251-05	34.4	35.4	3	14	

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

**ALKALINITY
 EPA 310.2**

Date Analyzed: 11-2-10

Matrix: Water
 Units: mg CaCO₃/L

Client ID	Lab ID	Carbonate Alkalinity	Bicarbonate Concentration	PQL
WSP-MW-12-GW-102710	10-251-01	ND	270	20
WSP-MW-11-GW-102710	10-251-02	ND	360	20
WSP-MW-05-GW-102710	10-251-03	ND	130	20
WSP-MW-10-GW-102710	10-251-04	ND	220	20
WSP-MW-13-GW-102810	10-251-05	ND	270	20
WSP-MW-08-GW-102810	10-251-08	ND	270	20
WSP-ER-102710	10-251-10	ND	ND	20

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

**ALKALINITY
 EPA 310.2
 QUALITY CONTROL**

Date Analyzed: 11-2-10
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB1102W1	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB1102W1	106	100	106	70-130	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
10-251-05	274	274	0	8	

Date of Report: November 9, 2010
Samples Submitted: October 28, 2010
Laboratory Reference: 1010-251
Project: 2009-138

SULFATE
ASTM D516-02

Date Analyzed: 11-3-10

Matrix: Water

Units: mg/L

Client ID	Lab ID	Result	PQL
WSP-MW-12-GW-102710	10-251-01	27	10
WSP-MW-11-GW-102710	10-251-02	22	5.0
WSP-MW-05-GW-102710	10-251-03	14	5.0
WSP-MW-10-GW-102710	10-251-04	35	10
WSP-MW-13-GW-102810	10-251-05	48	25
WSP-MW-08-GW-102810	10-251-08	29	10
WSP-ER-102710	10-251-10	ND	5.0

Date of Report: November 9, 2010
 Samples Submitted: October 28, 2010
 Laboratory Reference: 1010-251
 Project: 2009-138

**SULFATE
 ASTM D516-02
 QUALITY CONTROL**

Date Analyzed: 11-3-10

Matrix: Water

Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB1103W1	ND	5.0

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB1103W1	10.2	10.0	102	90-114	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
10-251-05	47.9				
Matrix Spike	96.0	50.0	96	84-116	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
10-251-05	47.9	46.3	3	8	



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



OnSite Environmental Inc.
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

10-251

Turnaround Request
(in working days)

(Check One)

- Same Day 1 Day
 2 Days 3 Days
 Standard (7 Days)
 (TPH analysis 5 Days)

Laboratory Number:

Total Metals
 Dissolved Metals
 Conventional

Company: **HWA**

Project Number: **2009-138**

Project Name: **WSP**

Project Manager: **Arnie Sugar**

Sampled by: **Peter Pearson**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Laboratory Number:	
1	WSP-MW-12-GW-102710	10/27/10	11:25	W	7	NWTPH-HCID	NWTPH-Gx/BTEX NWTPH-Gx NWTPH-Dx Volatiles 8260B Halogenated Volatiles 8260B Semivolatiles 8270D/SIM (with low-level PAHs) PAHs 8270D/SIM (low-level) PCBs 8082 Organochlorine Pesticides 8081A Organophosphorus Pesticides 8270D/SIM Chlorinated Acid Herbicides 8151A Total RCRA / MTCA Metals (circle one) TCLP Metals HEM (oil and grease) 1664 Total Metals Dissolved Metals Conventional % Moisture
2	WSP-MW-11-GW-102710		12:30	W		NWTPH-Gx/BTEX	
3	WSP-MW-05-GW-102710		14:00	W		NWTPH-Gx	
4	WSP-MW-10-GW-102710		15:15	W		NWTPH-Dx	
5	WSP-MW-13-GW-102810	10/28/10	8:15	W		Volatiles 8260B	
6	WSP-MW-13-GW-102810-MS		8:15	W		Halogenated Volatiles 8260B	
7	WSP-MW-13-GW-102810-MSD		8:15	W		Semivolatiles 8270D/SIM (with low-level PAHs)	
8	WSP-MW-08-GW-102810		9:75	W		PAHs 8270D/SIM (low-level)	
9	WSP-TB-62-102810	10/28/10		W		PCBs 8082	
10	WSP-ER-102710	10/27/10	16:00	W		Organochlorine Pesticides 8081A	

Signature: *[Handwritten Signature]*

Company: **HWA**

Date: **10/28/10**

Time: **16:20**

Comments/Special Instructions:
 Metals: As, Cd, Cr, Hg, Pb, Cu, Mn
 - dissolved metals were field filtered
 - conventional: Na, Ca, NH₃, NO₃
 - carb, bicarb/alk, sulfate

Reviewed/Date: _____



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November 16, 2010

Mike Warfel
Parametrix
1231 Fryar Avenue
Sumner, WA 98390

Re: Analytical Data for Project 215-2662-004 AM1/06P
Laboratory Reference No. 1011-073

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on November 8, 2010.

The standard policy of OnSite Environmental Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal line extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: November 16, 2010
Samples Submitted: November 8, 2010
Laboratory Reference: 1011-073
Project: 215-2662-004 AM1/06P

Case Narrative

Samples were collected on November 4 and 5, 2010 and received by the laboratory on November 8, 2010. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Nitrate EPA 353.2 Analysis

Samples SLF-MW-10-GW-110410, SLF-MW-09-GW-110410, SLF-MW-07-GW-110510 and SLF-EB-110510 (11-073-01-04) were analyzed out of holding time for Nitrite.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

VOLATILES by EPA 8260B

Page 1 of 2

Date Extracted: 11-10-10
 Date Analyzed: 11-10-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 11-073-01

Client ID: SLF-MW-10-GW-110410

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		2.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	1.1		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

VOLATILES by EPA 8260B
 Page 2 of 2

Lab ID: 11-073-01
 Client ID: **SLF-MW-10-GW-110410**

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.39		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	91	71-126
Toluene-d8	93	76-116
4-Bromofluorobenzene	84	70-123

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

VOLATILES by EPA 8260B

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Date Extracted: 11-10-10
 Date Analyzed: 11-10-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 11-073-02

Client ID: SLF-MW-09-GW-110410

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		2.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	0.63		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	1.1		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

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Lab ID: 11-073-02
 Client ID: SLF-MW-09-GW-110410

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	0.53		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	71-126
Toluene-d8	93	76-116
4-Bromofluorobenzene	87	70-123

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

VOLATILES by EPA 8260B

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Date Extracted: 11-10-10
 Date Analyzed: 11-10-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 11-073-03

Client ID: SLF-MW-07-GW-110510

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		2.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

VOLATILES by EPA 8260B
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Lab ID: 11-073-03
 Client ID: SLF-MW-07-GW-110510

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	94	71-126
Toluene-d8	94	76-116
4-Bromofluorobenzene	88	70-123

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

VOLATILES by EPA 8260B

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Date Extracted: 11-11-10
 Date Analyzed: 11-11-10
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: 11-073-04
 Client ID: SLF-EB-110510

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	2.1		2.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	0.32		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

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Lab ID: 11-073-04
 Client ID: SLF-EB-110510

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20
	Percent Recovery	Control Limits	
Surrogate			
Dibromofluoromethane	91	71-126	
Toluene-d8	91	76-116	
4-Bromofluorobenzene	81	70-123	

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

VOLATILES by EPA 8260B

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Date Extracted: 11-11-10
 Date Analyzed: 11-11-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 11-073-05
Client ID: SLF-TB-110410

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		2.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
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Lab ID: 11-073-05
 Client ID: SLF-TB-110410

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	95	71-126
Toluene-d8	93	76-116
4-Bromofluorobenzene	90	70-123

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Date Extracted: 11-10-10
 Date Analyzed: 11-10-10
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: MB1110W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		2.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
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 Project: 215-2662-004 AM1/06P

**VOLATILES by EPA 8260B
 METHOD BLANK QUALITY CONTROL**

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Lab ID: MB1110W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	71-126
Toluene-d8	92	76-116
4-Bromofluorobenzene	84	70-123

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

**VOLATILES by EPA 8260B
 METHOD BLANK QUALITY CONTROL**

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Date Extracted: 11-11-10
 Date Analyzed: 11-11-10
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: MB1111W1

Compound	Results	Flags	PQL
Dichlorodifluoromethane	ND		0.20
Chloromethane	ND		1.0
Vinyl Chloride	ND		0.20
Bromomethane	ND		0.20
Chloroethane	ND		1.0
Trichlorofluoromethane	ND		0.20
1,1-Dichloroethene	ND		0.20
Acetone	ND		5.0
Iodomethane	ND		1.0
Carbon Disulfide	ND		0.20
Methylene Chloride	ND		2.0
(trans) 1,2-Dichloroethene	ND		0.20
Methyl t-Butyl Ether	ND		0.20
1,1-Dichloroethane	ND		0.20
Vinyl Acetate	ND		2.0
2,2-Dichloropropane	ND		0.20
(cis) 1,2-Dichloroethene	ND		0.20
2-Butanone	ND		5.0
Bromochloromethane	ND		0.20
Chloroform	ND		0.20
1,1,1-Trichloroethane	ND		0.20
Carbon Tetrachloride	ND		0.20
1,1-Dichloropropene	ND		0.20
Benzene	ND		0.20
1,2-Dichloroethane	ND		0.20
Trichloroethene	ND		0.20
1,2-Dichloropropane	ND		0.20
Dibromomethane	ND		0.20
Bromodichloromethane	ND		0.20
2-Chloroethyl Vinyl Ether	ND		1.0
(cis) 1,3-Dichloropropene	ND		0.20
Methyl Isobutyl Ketone	ND		2.0
Toluene	ND		1.0
(trans) 1,3-Dichloropropene	ND		0.20

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

**VOLATILES by EPA 8260B
 METHOD BLANK QUALITY CONTROL**

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Lab ID: MB1111W1

Compound	Results	Flags	PQL
1,1,2-Trichloroethane	ND		0.20
Tetrachloroethene	ND		0.20
1,3-Dichloropropane	ND		0.20
2-Hexanone	ND		2.0
Dibromochloromethane	ND		0.20
1,2-Dibromoethane	ND		0.20
Chlorobenzene	ND		0.20
1,1,1,2-Tetrachloroethane	ND		0.20
Ethylbenzene	ND		0.20
m,p-Xylene	ND		0.40
o-Xylene	ND		0.20
Styrene	ND		0.20
Bromoform	ND		1.0
Isopropylbenzene	ND		0.20
Bromobenzene	ND		0.20
1,1,2,2-Tetrachloroethane	ND		0.20
1,2,3-Trichloropropane	ND		0.20
n-Propylbenzene	ND		0.20
2-Chlorotoluene	ND		0.20
4-Chlorotoluene	ND		0.20
1,3,5-Trimethylbenzene	ND		0.20
tert-Butylbenzene	ND		0.20
1,2,4-Trimethylbenzene	ND		0.20
sec-Butylbenzene	ND		0.20
1,3-Dichlorobenzene	ND		0.20
p-Isopropyltoluene	ND		0.20
1,4-Dichlorobenzene	ND		0.20
1,2-Dichlorobenzene	ND		0.20
n-Butylbenzene	ND		0.20
1,2-Dibromo-3-chloropropane	ND		1.0
1,2,4-Trichlorobenzene	ND		0.20
Hexachlorobutadiene	ND		0.20
Naphthalene	ND		1.0
1,2,3-Trichlorobenzene	ND		0.20

Surrogate	Percent Recovery	Control Limits
Dibromofluoromethane	89	71-126
Toluene-d8	88	76-116
4-Bromofluorobenzene	81	70-123

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

**VOLATILES by EPA 8260B
 MS/MSD QUALITY CONTROL**

Date Extracted: 11-10-10

Date Analyzed: 11-10-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: 11-073-01

Compound	Sample Amount	Spike Amount	MS	Percent Recovery	MSD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	ND	10.0	11.4	114	11.5	115	70-130	
Benzene	ND	10.0	9.95	100	10.2	102	74-125	
Trichloroethene	ND	10.0	10.2	102	10.3	103	77-117	
Toluene	ND	10.0	9.95	100	9.99	100	79-119	
Chlorobenzene	ND	10.0	10.0	100	10.1	101	85-112	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	1	13	
Benzene	3	11	
Trichloroethene	1	11	
Toluene	0	11	
Chlorobenzene	1	10	

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Date Extracted: 11-11-10

Date Analyzed: 11-11-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: SB1111W1

Compound	Spike Amount	SB	Percent Recovery	SBD	Percent Recovery	Recovery Limits	Flags
1,1-Dichloroethene	10.0	11.3	113	11.5	115	70-130	
Benzene	10.0	9.92	99	10.3	103	73-130	
Trichloroethene	10.0	10.2	102	10.2	102	79-122	
Toluene	10.0	9.81	98	10.1	101	80-121	
Chlorobenzene	10.0	10.0	100	10.2	102	83-116	

	RPD	RPD Limit	Flags
1,1-Dichloroethene	2	15	
Benzene	4	14	
Trichloroethene	0	14	
Toluene	3	13	
Chlorobenzene	2	13	

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	11-073-01					
Client ID:	SLF-MW-10-GW-110410					
Arsenic	ND	3.3	200.8	11-9-10	11-9-10	
Cadmium	ND	4.4	200.8	11-9-10	11-9-10	
Calcium	47000	1100	6010B	11-9-10	11-11-10	
Chromium	ND	11	200.8	11-9-10	11-9-10	
Copper	ND	11	200.8	11-9-10	11-9-10	
Lead	ND	1.1	200.8	11-9-10	11-9-10	
Manganese	ND	11	200.8	11-9-10	11-9-10	
Mercury	ND	0.50	7470A	11-9-10	11-9-10	
Sodium	16000	1100	6010B	11-9-10	11-11-10	

Lab ID:	11-073-02					
Client ID:	SLF-MW-09-GW-110410					
Arsenic	ND	3.3	200.8	11-9-10	11-9-10	
Cadmium	ND	4.4	200.8	11-9-10	11-9-10	
Calcium	88000	1100	6010B	11-9-10	11-11-10	
Chromium	ND	11	200.8	11-9-10	11-9-10	
Copper	ND	11	200.8	11-9-10	11-9-10	
Lead	6.6	1.1	200.8	11-9-10	11-9-10	
Manganese	12	11	200.8	11-9-10	11-9-10	
Mercury	ND	0.50	7470A	11-9-10	11-9-10	
Sodium	34000	1100	6010B	11-9-10	11-11-10	

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	11-073-03					
Client ID:	SLF-MW-07-GW-110510					
Arsenic	ND	3.3	200.8	11-9-10	11-9-10	
Cadmium	ND	4.4	200.8	11-9-10	11-9-10	
Calcium	15000	1100	6010B	11-9-10	11-11-10	
Chromium	13	11	200.8	11-9-10	11-9-10	
Copper	ND	11	200.8	11-9-10	11-9-10	
Lead	ND	1.1	200.8	11-9-10	11-9-10	
Manganese	32	11	200.8	11-9-10	11-9-10	
Mercury	ND	0.50	7470A	11-9-10	11-9-10	
Sodium	6400	1100	6010B	11-9-10	11-11-10	

Lab ID: 11-073-04
Client ID: SLF-EB-110510

Arsenic	ND	3.3	200.8	11-9-10	11-9-10	
Cadmium	ND	4.4	200.8	11-9-10	11-9-10	
Calcium	ND	1100	6010B	11-9-10	11-11-10	
Chromium	ND	11	200.8	11-9-10	11-9-10	
Copper	ND	11	200.8	11-9-10	11-9-10	
Lead	ND	1.1	200.8	11-9-10	11-9-10	
Manganese	ND	11	200.8	11-9-10	11-9-10	
Mercury	ND	0.50	7470A	11-9-10	11-9-10	
Sodium	ND	1100	6010B	11-9-10	11-11-10	

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

**TOTAL METALS
 EPA 200.8/6010B/7470A
 METHOD BLANK QUALITY CONTROL**

Date Extracted: 11-9-10
 Date Analyzed: 11-9&11-10

 Matrix: Water
 Units: ug/L (ppb)

 Lab ID: MB1109W1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.3
Cadmium	200.8	ND	4.4
Calcium	6010B	ND	1100
Chromium	200.8	ND	11
Copper	200.8	ND	11
Lead	200.8	ND	1.1
Manganese	200.8	ND	11
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

**TOTAL METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 11-9-10
 Date Analyzed: 11-9&11-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 11-073-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.3	
Cadmium	ND	ND	NA	4.4	
Calcium	47400	46700	2	1100	
Chromium	ND	ND	NA	11	
Copper	ND	ND	NA	11	
Lead	ND	ND	NA	1.1	
Manganese	ND	ND	NA	11	
Mercury	ND	ND	NA	0.50	
Sodium	16300	16500	1	1100	

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

**TOTAL METALS
 EPA 200.8/6010B/7470A
 MS/MSD QUALITY CONTROL**

Date Extracted: 11-9-10
 Date Analyzed: 11-9&11-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 11-073-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	110	100	109	99	0	
Cadmium	110	110	100	109	99	1	
Calcium	22000	67200	90	66300	86	2	
Chromium	110	101	92	100	91	0	
Copper	110	103	93	102	93	0	
Lead	110	109	99	105	95	4	
Manganese	110	101	91	99.5	90	1	
Mercury	12.5	10.6	85	11.6	93	9	
Sodium	22000	36800	93	35900	89	3	

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	11-073-01					
Client ID:	SLF-MW-10-GW-110410					
Arsenic	ND	3.0	200.8		11-9-10	
Cadmium	ND	4.0	200.8		11-9-10	
Calcium	48000	1100	6010B		11-11-10	
Chromium	ND	10	200.8		11-9-10	
Copper	ND	10	200.8		11-9-10	
Lead	ND	1.0	200.8		11-9-10	
Manganese	ND	10	200.8		11-9-10	
Mercury	ND	0.50	7470A		11-9-10	
Sodium	16000	1100	6010B		11-11-10	

Lab ID:	11-073-03					
Client ID:	SLF-MW-07-GW-110510					
Arsenic	ND	3.0	200.8		11-9-10	
Cadmium	ND	4.0	200.8		11-9-10	
Calcium	15000	1100	6010B		11-11-10	
Chromium	ND	10	200.8		11-9-10	
Copper	ND	10	200.8		11-9-10	
Lead	ND	1.0	200.8		11-9-10	
Manganese	ND	10	200.8		11-9-10	
Mercury	ND	0.50	7470A		11-9-10	
Sodium	6300	1100	6010B		11-11-10	

Date of Report: November 16, 2010
Samples Submitted: November 8, 2010
Laboratory Reference: 1011-073
Project: 215-2662-004 AM1/06P

**DISSOLVED METALS
EPA 200.8/6010B/7470A
METHOD BLANK QUALITY CONTROL**

Date Analyzed: 11-9&11-10

Matrix: Water

Units: ug/L (ppb)

Lab ID: MB1104F1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Cadmium	200.8	ND	4.0
Calcium	6010B	ND	1100
Chromium	200.8	ND	10
Copper	200.8	ND	10
Lead	200.8	ND	1.0
Manganese	200.8	ND	10
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Analyzed: 11-9&11-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 11-073-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.0	
Cadmium	ND	ND	NA	4.0	
Calcium	47600	47500	0	1100	
Chromium	ND	ND	NA	10	
Copper	ND	ND	NA	10	
Lead	ND	ND	NA	1.0	
Manganese	ND	ND	NA	10	
Mercury	ND	ND	NA	0.50	
Sodium	16300	16400	0	1100	

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 MS/MSD QUALITY CONTROL**

Date Analyzed: 11-9&11-10

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 11-073-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	208	104	204	102	2	
Cadmium	200	201	101	201	101	0	
Calcium	22000	68000	93	66500	86	2	
Chromium	200	179	90	182	91	1	
Copper	200	196	98	194	97	1	
Lead	200	199	99	204	102	2	
Manganese	200	181	91	183	92	1	
Mercury	12.5	11.6	93	11.8	94	1	
Sodium	22000	36200	90	36200	90	0	

Date of Report: November 16, 2010
Samples Submitted: November 8, 2010
Laboratory Reference: 1011-073
Project: 215-2662-004 AM1/06P

AMMONIA (as Nitrogen)
SM 4500-NH₃ F

Date Analyzed: 11-12-10
Matrix: Water
Units: mg NH₃-N /L

Client ID	Lab ID	Result	PQL
SLF-MW-10-GW-110410	11-073-01	0.080	0.050
SLF-MW-09-GW-110410	11-073-02	0.10	0.050
SLF-MW-07-GW-110510	11-073-03	0.073	0.050
SLF-EB-110510	11-073-04	ND	0.050

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

**AMMONIA (as Nitrogen)
 SM 4500-NH₃ F
 QUALITY CONTROL**

Date Analyzed: 11-12-10
 Matrix: Water
 Units: mg NH₃-N /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB1112W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB1112W1	4.52	5.00	90	85-103	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
11-073-01	0.0801				
Matrix Spike	4.66	5.00	92	82-107	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
11-073-01	0.0801	0.0852	6	8	

Date of Report: November 16, 2010
Samples Submitted: November 8, 2010
Laboratory Reference: 1011-073
Project: 215-2662-004 AM1/06P

**NITRATE (as Nitrogen)
EPA 353.2**

Date Analyzed: 11-9-10

Matrix: Water
Units: mg /L

Client ID	Lab ID	Result	PQL
SLF-MW-10-GW-110410	11-073-01	6.6	0.50
SLF-MW-09-GW-110410	11-073-02	16	0.50
SLF-MW-07-GW-110510	11-073-03	1.6	0.050
SLF-EB-110510	11-073-04	ND	0.050

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

**NITRATE (as Nitrogen)
 EPA 353.2
 QUALITY CONTROL**

Date Analyzed: 11-9-10

Matrix: Water
 Units: mg /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB1109W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB1109W1	2.06	2.00	103	83-119	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
11-073-01	6.60				
Matrix Spike	27.8	20.0	106	82-120	

DUPLICATE QUALITY CONTROL

Lab ID	Result	Duplicate Result	RPD	Control Limit	Flag
11-073-01	6.60	6.79	3	14	

Date of Report: November 16, 2010
Samples Submitted: November 8, 2010
Laboratory Reference: 1011-073
Project: 215-2662-004 AM1/06P

SULFATE
ASTM D516-02

Date Analyzed: 11-10-10

Matrix: Water

Units: mg/L

Client ID	Lab ID	Result	PQL
SLF-MW-10-GW-110410	11-073-01	36	25
SLF-MW-09-GW-110410	11-073-02	28	10
SLF-MW-07-GW-110510	11-073-03	ND	5.0
SLF-EB-110510	11-073-04	ND	5.0

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

**SULFATE
 ASTM D516-02
 QUALITY CONTROL**

Date Analyzed: 11-10-10

Matrix: Water

Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB1110W1	ND	5.0

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB1110W1	9.80	10.0	98	90-114	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
11-073-01	35.5				
Matrix Spike	83.2	50.0	95	84-116	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
11-073-01	35.5	37.7	6	8	

Date of Report: November 16, 2010
Samples Submitted: November 8, 2010
Laboratory Reference: 1011-073
Project: 215-2662-004 AM1/06P

**ALKALINITY
EPA 310.2**

Date Analyzed: 11-9-10
Matrix: Water
Units: mg CaCO₃/L

Client ID	Lab ID	Carbonate Alkalinity	Bicarbonate Concentration	PQL
SLF-MW-10-GW-110410	11-073-01	ND	160	20
SLF-MW-09-GW-110410	11-073-02	ND	330	20
SLF-MW-07-GW-110510	11-073-03	ND	74	20
SLF-EB-110510	11-073-04	ND	ND	20

Date of Report: November 16, 2010
 Samples Submitted: November 8, 2010
 Laboratory Reference: 1011-073
 Project: 215-2662-004 AM1/06P

**ALKALINITY
 EPA 310.2
 QUALITY CONTROL**

Date Analyzed: 11-9-10
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB1109W1	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB1109W1	104	100	104	70-130	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
11-073-01	156	160	3	8	



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



OnSite Environmental Inc.
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Turnaround Request
 (in working days)

(Check One)

Same Day 1 Day

2 Days 3 Days

Standard (7 Days)
 (TPH analysis 5 Days)

(other)

Laboratory Number:

11-073

Company: **Parawetrix**
 Project Number: **21F-2002-004 AM/06P**
 Project Name: **WSP RIFES**
 Project Manager: **Mike Mueffel**
 Sampled by: **Mike Barker**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix
1	SLF-MW-10-GW-110410	11/4/2010	1000	W
2	SLF-MW-09-GW-110410	11/4/2010	1115	W
3	SLF-MW-07-GW-110510	11/4/2010	1145	W
4	SLF-EB-110510	11/4/2010	1325	W
5	SLF-TB-110410	11/4/2010	0000	W

Number of Containers	Laboratory Number: 11-073																		
	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total ROBA / MTCA Metals (circle one)	TOEP Metals	DISSOLVED MTCA + CaCuMnNa	HEM (oil and grease) 1664	NH3, NO3, SO4	Carb./Bicarb Alk	% Moisture
3					✓								✓	✓			✓	✓	
7					✓								✓	✓			✓	✓	
6					✓								✓	✓			✓	✓	
3					✓								✓	✓			✓	✓	

Signature	Company	Date	Time	Comments/Special Instructions
<i>[Signature]</i>	Parawetrix	11/4/2010	1033	M/S/MSD on SLF-MW-10-GW-110410
<i>[Signature]</i>	OSE	11/8/10	1033	Total metals only on SLF-MW-09-GW-110410 and SLF-EB-110510
				*Total + Dissolved MTCA w/PAHs, plus Cu, Mn, Na, Ca
				Chromatograms with final report <input type="checkbox"/>



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February 17, 2011

Mike Warfel
Parametrix
1019 39th Avenue SE, Suite 100
Puyallup, WA 98374

Re: Analytical Data for Project 215-2662-004
Laboratory Reference No. 1102-066

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on February 9, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

Case Narrative

Samples were collected on February 7, 2011 and received by the laboratory on February 9, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Nitrite as Nitrogen EPA 353.2 Analysis

Sample WSP-MW-01-GW-020711 (02-066-01) was analyzed out of holding time.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

NWTPH-Gx

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-01-GW-020711					
Laboratory ID:	02-066-01					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	89	73-121				
Client ID:	WSP-MW-02-GW-020711					
Laboratory ID:	02-066-02					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	88	73-121				
Client ID:	WSP-MW-03-GW-020711					
Laboratory ID:	02-066-03					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	73-121				
Client ID:	WSP-MW-14-GW-020711					
Laboratory ID:	02-066-04					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	86	73-121				
Client ID:	WSP-MW-13-GW-020711					
Laboratory ID:	02-066-05					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	73-121				
Client ID:	WSP-DUP-GW-020711					
Laboratory ID:	02-066-06					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	84	73-121				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

NWTPH-Gx

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-020711					
Laboratory ID:	02-066-07					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>85</i>	<i>73-121</i>				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0210W1					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	73-121				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	02-066-02							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				88	84	73-121		

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

VOLATILES by EPA 8260B
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-01-GW-020711					
Laboratory ID:	02-066-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	0.32	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-01-GW-020711					
Laboratory ID:	02-066-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>97</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>89</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>83</i>	<i>65-104</i>				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-02-GW-020711					
Laboratory ID:	02-066-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	0.78	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	2.0	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-02-GW-020711					
Laboratory ID:	02-066-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>91</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>88</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-104</i>				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-03-GW-020711					
Laboratory ID:	02-066-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	0.83	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	1.7	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-03-GW-020711					
Laboratory ID:	02-066-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>97</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>90</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>82</i>	<i>65-104</i>				

Date of Report: February 17, 2011
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-14-GW-020711					
Laboratory ID:	02-066-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	0.78	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	1.0	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-14-GW-020711					
Laboratory ID:	02-066-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	0.86	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>93</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>86</i>	<i>65-104</i>				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-13-GW-020711					
Laboratory ID:	02-066-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	1.4	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

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 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-13-GW-020711					
Laboratory ID:	02-066-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	0.30	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>92</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>90</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-104</i>				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-DUP-GW-020711					
Laboratory ID:	02-066-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	0.21	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	0.41	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

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 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-DUP-GW-020711					
Laboratory ID:	02-066-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>99</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>95</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>85</i>	<i>65-104</i>				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
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 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-020711					
Laboratory ID:	02-066-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-020711					
Laboratory ID:	02-066-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>92</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>90</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>78</i>	<i>65-104</i>				

Date of Report: February 17, 2011
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 Laboratory Reference: 1102-066
 Project: 215-2662-004

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0210W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0210W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>94</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>88</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-104</i>				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**VOLATILES by EPA 8260B
 MS/MSD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD	RPD	Limit	Flags
	MS	MSD	MS	MSD	Result	Recovery	Recovery	Limits	RPD	Limit	Flags	
MATRIX SPIKES												
Laboratory ID:	02-070-02											
1,1-Dichloroethene	10.1	10.1	10.0	10.0	ND	101	101	70-130	0	12		
Benzene	10.1	10.2	10.0	10.0	ND	101	102	84-123	1	11		
Trichloroethene	9.79	9.56	10.0	10.0	ND	98	96	80-117	2	14		
Toluene	10.1	10.0	10.0	10.0	ND	101	100	87-115	1	12		
Chlorobenzene	10.3	10.0	10.0	10.0	ND	103	100	86-117	3	13		
<i>Surrogate:</i>												
Dibromofluoromethane						95	97	68-107				
Toluene-d8						90	91	73-102				
4-Bromofluorobenzene						83	84	65-104				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-066-01					
Client ID:	WSP-MW-01-GW-020711					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	150000	11000	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	21000	1100	6010B		2-17-11	

Lab ID:	02-066-02					
Client ID:	WSP-MW-02-GW-020711					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	71000	11000	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	21000	1100	6010B		2-17-11	

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
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 Project: 215-2662-004

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	02-066-03					
Client ID:	WSP-MW-03-GW-020711					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	82000	11000	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	19000	1100	6010B		2-17-11	

Lab ID: 02-066-04
Client ID: WSP-MW-14-GW-020711

Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	79000	11000	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	33000	1100	6010B		2-17-11	

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
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 Project: 215-2662-004

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	02-066-05					
Client ID:	WSP-MW-13-GW-020711					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	55000	11000	6010B		2-17-11	
Chromium	11	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	39000	1100	6010B		2-17-11	

Lab ID: 02-066-06

Client ID: WSP-DUP-GW-020711

Arsenic	ND	3.0	200.8		2-16-11	
Cadmium	ND	4.0	200.8		2-16-11	
Calcium	150000	11000	6010B		2-17-11	
Chromium	ND	10	200.8		2-16-11	
Copper	ND	10	200.8		2-16-11	
Lead	ND	1.0	200.8		2-16-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	22000	1100	6010B		2-17-11	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

**DISSOLVED METALS
EPA 200.8/6010B
METHOD BLANK QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0215D1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Cadmium	200.8	ND	4.0
Calcium	6010B	ND	1100
Chromium	200.8	ND	10
Copper	200.8	ND	10
Lead	200.8	ND	1.0
Manganese	200.8	ND	11
Sodium	6010B	ND	1100

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

**DISSOLVED METALS
EPA 7470A
METHOD BLANK QUALITY CONTROL**

Date Analyzed: 2-11-11
Matrix: Water
Units: ug/L (ppb)
Lab ID: MB0211D1

Analyte	Method	Result	PQL
Mercury	7470A	ND	0.50

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**DISSOLVED METALS
 EPA 200.8/6010B
 DUPLICATE QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 02-087-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.0	
Cadmium	ND	ND	NA	4.0	
Calcium	80000	80400	0	1100	
Chromium	ND	ND	NA	10	
Copper	ND	ND	NA	10	
Lead	ND	ND	NA	1.0	
Manganese	ND	ND	NA	11	
Sodium	32200	32300	0	1100	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

**DISSOLVED METALS
EPA 7470A
DUPLICATE QUALITY CONTROL**

Date Analyzed: 2-11-11
Matrix: Water
Units: ug/L (ppb)
Lab ID: 02-048-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	ND	ND	NA	0.50	

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**DISSOLVED METALS
 EPA 200.8/6010B
 MS/MSD QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 02-087-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	218	109	215	108	1	
Cadmium	200	215	107	217	109	1	
Calcium	22000	102000	98	101000	94	1	
Chromium	200	183	92	179	90	2	
Copper	200	201	101	199	99	1	
Lead	200	211	105	213	106	1	
Manganese	4400	4270	97	4340	99	2	
Sodium	22000	52400	92	52900	94	1	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

**DISSOLVED METALS
EPA 7470A
MS/MSD QUALITY CONTROL**

Date Analyzed: 2-11-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 02-048-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	12.5	11.5	92	11.2	90	2	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

**AMMONIA (as Nitrogen)
SM 4500-NH₃ F**

Date Analyzed: 2-16-11
Matrix: Water
Units: mg NH₃-N /L

Client ID	Lab ID	Result	PQL
WSP-MW-01-GW-020711	02-066-01	ND	0.050
WSP-MW-02-GW-020711	02-066-02	ND	0.050
WSP-MW-03-GW-020711	02-066-03	ND	0.050
WSP-MW-14-GW-020711	02-066-04	ND	0.050
WSP-MW-13-GW-020711	02-066-05	ND	0.050
WSP-DUP-GW-020711	02-066-06	ND	0.050

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**AMMONIA (as Nitrogen)
 SM 4500-NH₃ F
 QUALITY CONTROL**

Date Analyzed: 2-16-11
 Matrix: Water
 Units: mg NH₃-N /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0216W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0216W1	4.43	5.00	89	85-99	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-066-02	ND				
Matrix Spike	4.45	5.00	89	81-103	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-066-02	ND	ND	NA	9	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

**NITRATE (as Nitrogen)
EPA 353.2**

Date Analyzed: 2-9-11

Matrix: Water

Units: mg /L

Client ID	Lab ID	Result	PQL
WSP-MW-01-GW-020711	02-066-01	20	0.25
WSP-MW-02-GW-020711	02-066-02	16	0.25
WSP-MW-03-GW-020711	02-066-03	22	0.25
WSP-MW-14-GW-020711	02-066-04	20	0.25
WSP-MW-13-GW-020711	02-066-05	18	0.25
WSP-DUP-GW-020711	02-066-06	19	0.25

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**NITRATE (as Nitrogen)
 EPA 353.2
 QUALITY CONTROL**

Date Analyzed: 2-9-11

Matrix: Water
 Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0209W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0209W1	1.87	2.00	94	86-120	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-052-01	0.452				
Matrix Spike	2.55	2.00	105	84-123	

DUPLICATE QUALITY CONTROL

Lab ID	Result	Duplicate Result	RPD	Control Limit	Flag
02-052-01	0.452	0.451	0	11	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

**ALKALINITY
SM 2320B**

Date Analyzed: 2-12-11
Matrix: Water
Units: mg CaCO₃/L

Client ID	Lab ID	Carbonate Alkalinity	Bicarbonate Concentration	PQL
WSP-MW-01-GW-020711	02-066-01	ND	380	20
WSP-MW-02-GW-020711	02-066-02	ND	240	20
WSP-MW-03-GW-020711	02-066-03	ND	280	20
WSP-MW-14-GW-020711	02-066-04	ND	300	20
WSP-MW-13-GW-020711	02-066-05	ND	220	20
WSP-DUP-GW-020711	02-066-06	ND	380	20

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**ALKALINITY
 SM 2320B
 QUALITY CONTROL**

Date Analyzed: 2-12-11
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0212W1	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0212W1	98.0	100	98	70-130	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-070-02	96.0	98.0	2	8	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

**TOTAL ALKALINITY
SM 2320B**

Date Analyzed: 2-12-11
Matrix: Water
Units: mg CaCO₃/L

Client ID	Lab ID	Result	PQL
WSP-MW-01-GW-020711	02-066-01	380	20
WSP-MW-02-GW-020711	02-066-02	240	20
WSP-MW-03-GW-020711	02-066-03	280	20
WSP-MW-14-GW-020711	02-066-04	300	20
WSP-MW-13-GW-020711	02-066-05	220	20
WSP-DUP-GW-020711	02-066-06	380	20

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**TOTAL ALKALINITY
 SM 2320B
 QUALITY CONTROL**

Date Analyzed: 2-12-11
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0212W1	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0212W1	98.0	100	98	90-114	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-070-02	96.0	98.0	2	8	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

SULFATE
ASTM D516-02

Date Analyzed: 2-11-11

Matrix: Water

Units: mg/L

Client ID	Lab ID	Result	PQL
WSP-MW-01-GW-020711	02-066-01	54	25
WSP-MW-02-GW-020711	02-066-02	23	5.0
WSP-MW-03-GW-020711	02-066-03	23	5.0
WSP-MW-14-GW-020711	02-066-04	49	25
WSP-MW-13-GW-020711	02-066-05	34	10
WSP-DUP-GW-020711	02-066-06	49	10

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**SULFATE
 ASTM D516-02
 QUALITY CONTROL**

Date Analyzed: 2-11-11

Matrix: Water

Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0211W1	ND	5.0

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0211W1	10.4	10.0	104	89-114	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-037-01	10.3				
Matrix Spike	20.5	10.0	102	83-112	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-037-01	10.3	10.4	1	7	



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-3881 • www.monsite-env.com

Chain of Custody

Laboratory Number: **02-066**

Turnaround Request (in working days)

(Check One)

Same Day 1 Day

2 Days 3 Days

Standard (7 Days)
(TPH analysis 5 Days)

(other)

Company: Pacawetrix
 Project Number: 210-1402-007
 Project Name: WSP BTEX
 Project Manager: Mike Wardell
 Sampled by: M. Barkan / J. Winder

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix
1	WSP-MW-01-GW-020711	2/3/11	0925	GW
2	WSP-MW-02-GW-020711		1110	
3	WSP-MW-03-GW-020711		1330	
4	WSP-MW-14-GW-020711		1450	
5	WSP-MW-13-GW-020711		1635	
6	WSP-DUP-GW-020711			
7	WSP-TB-020711			

Number of Containers	
NWTPH-HCID	
NWTPH-Gx/BTEX	
NWTPH-Gx	✓
NWTPH-Dx	✓ (Extract Only)
Volatiles 8260B	✓
Halogenated Volatiles 8260B	
Semivolatiles 8270D/SIM (with low-level PAHs)	✓ (Extract Only)
PAHs 8270D/SIM (low-level)	
PCBs 8082	
Organochlorine Pesticides 8081A	
Organophosphorus Pesticides 8270D/SIM	
Chlorinated Acid Herbicides 8151A	
Total RCRA / MTCA Metals (circle one)	
TCLP Metals	
HEM (oil and grease) 1664	
Diss. Metals ¹	✓
Conventionals ²	✓
% Moisture	

Signature	Company	Date	Time	Comments/Special Instructions
<i>[Signature]</i>	Pacawetrix	2/3/2011	15:00	1 Field Filtered: As, Cd, Cr, Hg, Pb, Cu, Mn
<i>[Signature]</i>		2/3/2011	17:00	2 Conventional: Na, Ca, NH ₃ , NO ₃ , Alk-C, Alk-By
<i>[Signature]</i>		2/9/11	10:30	T-Alk, SO ₄

Received/Date _____

Received _____

Relinquished _____

Relinquished _____

Reviewed/Date _____

Reviewed/Date _____

Chromatograms with final report



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

April 5, 2011

Mike Warfel
Parametrix
1019 39th Avenue SE, Suite 100
Puyallup, WA 98374

Re: Analytical Data for Project 215-2662-004
Laboratory Reference No. 1102-066B

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on February 9, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Baumeister", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: April 5, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066B
Project: 215-2662-004

Case Narrative

Samples were collected on February 7, 2011 and received by the laboratory on February 9, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Semivolatiles EPA 8270D/SIM and NWTPH-Dx Analysis

The extracts were analyzed two days out of the 40 days extract hold time.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

NWTPH-Dx
 (with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-01-GW-020711					
Laboratory ID:	02-066-01					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-14-11	3-25-11	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	2-14-11	3-25-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	127	50-150				

Client ID:	WSP-MW-02-GW-020711					
Laboratory ID:	02-066-02					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-14-11	3-25-11	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	2-14-11	3-25-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	125	50-150				

Client ID:	WSP-MW-03-GW-020711					
Laboratory ID:	02-066-03					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-14-11	3-25-11	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	2-14-11	3-25-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	135	50-150				

Client ID:	WSP-MW-14-GW-020711					
Laboratory ID:	02-066-04					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-14-11	3-25-11	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	2-14-11	3-25-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	137	50-150				

Client ID:	WSP-MW-13-GW-020711					
Laboratory ID:	02-066-05					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-14-11	3-25-11	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	2-14-11	3-25-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	136	50-150				

Client ID:	WSP-DUP-GW-020711					
Laboratory ID:	02-066-06					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-14-11	3-25-11	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	2-14-11	3-25-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	131	50-150				

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0214W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	2-14-11	2-14-11	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	2-14-11	2-14-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	97	50-150				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE						
Laboratory ID:	02-067-01					
	ORIG	DUP				
Diesel Range Organics	ND	ND		NA	NA	
Lube Oil Range Organics	ND	ND		NA	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			100 108	50-150		

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-01-GW-020711					
Laboratory ID:	02-066-01					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	2-15-11	3-29-11	
Pyridine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Phenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Chlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Benzyl alcohol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	2-15-11	3-29-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	2-15-11	3-29-11	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	2-15-11	3-29-11	
Hexachloroethane	ND	0.96	EPA 8270	2-15-11	3-29-11	
Nitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Isophorone	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dimethylphenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Naphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.6	EPA 8270	2-15-11	3-29-11	
Hexachlorobutadiene	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3-Dichloroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Chloronaphthalene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Dimethylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Acenaphthylene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-01-GW-020711					
Laboratory ID:	02-066-01					
2,4-Dinitrophenol	ND	9.6	EPA 8270	2-15-11	3-29-11	
Acenaphthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Dibenzofuran	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
Diethylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
Fluorene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	2-15-11	3-29-11	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-29-11	
Hexachlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
Phenanthrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.96	EPA 8270	2-15-11	3-29-11	
Di-n-butylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Fluoranthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Pyrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis-2-Ethylhexyladipate	ND	0.96	EPA 8270	2-15-11	3-29-11	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Di-n-octylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	55	18 - 86				
Phenol-d6	41	10 - 88				
Nitrobenzene-d5	84	37 - 112				
2-Fluorobiphenyl	78	42 - 108				
2,4,6-Tribromophenol	83	39 - 118				
Terphenyl-d14	85	49 - 122				

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-02-GW-020711					
Laboratory ID:	02-066-02					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	2-15-11	3-29-11	
Pyridine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Phenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Chlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Benzyl alcohol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	2-15-11	3-29-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	2-15-11	3-29-11	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	2-15-11	3-29-11	
Hexachloroethane	ND	0.96	EPA 8270	2-15-11	3-29-11	
Nitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Isophorone	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dimethylphenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Naphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.6	EPA 8270	2-15-11	3-29-11	
Hexachlorobutadiene	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3-Dichloroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Chloronaphthalene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Dimethylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Acenaphthylene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-02-GW-020711					
Laboratory ID:	02-066-02					
2,4-Dinitrophenol	ND	9.6	EPA 8270	2-15-11	3-29-11	
Acenaphthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Dibenzofuran	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
Diethylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
Fluorene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	2-15-11	3-29-11	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-29-11	
Hexachlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
Phenanthrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.96	EPA 8270	2-15-11	3-29-11	
Di-n-butylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Fluoranthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Pyrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis-2-Ethylhexyladipate	ND	0.96	EPA 8270	2-15-11	3-29-11	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Di-n-octylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>55</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>39</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>82</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>75</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>77</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>80</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
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 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-03-GW-020711					
Laboratory ID:	02-066-03					
n-Nitrosodimethylamine	ND	0.97	EPA 8270	2-15-11	3-29-11	
Pyridine	ND	9.7	EPA 8270	2-15-11	3-29-11	
Phenol	ND	0.97	EPA 8270	2-15-11	3-29-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethyl)ether	ND	0.97	EPA 8270	2-15-11	3-29-11	
2-Chlorophenol	ND	0.97	EPA 8270	2-15-11	3-29-11	
1,3-Dichlorobenzene	ND	0.97	EPA 8270	2-15-11	3-29-11	
1,4-Dichlorobenzene	ND	0.97	EPA 8270	2-15-11	3-29-11	
Benzyl alcohol	ND	0.97	EPA 8270	2-15-11	3-29-11	
1,2-Dichlorobenzene	ND	0.97	EPA 8270	2-15-11	3-29-11	
2-Methylphenol (o-Cresol)	ND	0.97	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroisopropyl)ether	ND	0.97	EPA 8270	2-15-11	3-29-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.97	EPA 8270	2-15-11	3-29-11	
n-Nitroso-di-n-propylamine	ND	0.97	EPA 8270	2-15-11	3-29-11	
Hexachloroethane	ND	0.97	EPA 8270	2-15-11	3-29-11	
Nitrobenzene	ND	0.97	EPA 8270	2-15-11	3-29-11	
Isophorone	ND	0.97	EPA 8270	2-15-11	3-29-11	
2-Nitrophenol	ND	0.97	EPA 8270	2-15-11	3-29-11	
2,4-Dimethylphenol	ND	0.97	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethoxy)methane	ND	0.97	EPA 8270	2-15-11	3-29-11	
2,4-Dichlorophenol	ND	0.97	EPA 8270	2-15-11	3-29-11	
1,2,4-Trichlorobenzene	ND	0.97	EPA 8270	2-15-11	3-29-11	
Naphthalene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.7	EPA 8270	2-15-11	3-29-11	
Hexachlorobutadiene	ND	0.97	EPA 8270	2-15-11	3-29-11	
4-Chloro-3-methylphenol	ND	0.97	EPA 8270	2-15-11	3-29-11	
2-Methylnaphthalene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.97	EPA 8270	2-15-11	3-29-11	
2,4,6-Trichlorophenol	ND	0.97	EPA 8270	2-15-11	3-29-11	
2,3-Dichloroaniline	ND	0.97	EPA 8270	2-15-11	3-29-11	
2,4,5-Trichlorophenol	ND	0.97	EPA 8270	2-15-11	3-29-11	
2-Chloronaphthalene	ND	0.97	EPA 8270	2-15-11	3-29-11	
2-Nitroaniline	ND	0.97	EPA 8270	2-15-11	3-29-11	
1,4-Dinitrobenzene	ND	0.97	EPA 8270	2-15-11	3-29-11	
Dimethylphthalate	ND	0.97	EPA 8270	2-15-11	3-29-11	
1,3-Dinitrobenzene	ND	0.97	EPA 8270	2-15-11	3-29-11	
2,6-Dinitrotoluene	ND	0.97	EPA 8270	2-15-11	3-29-11	
1,2-Dinitrobenzene	ND	0.97	EPA 8270	2-15-11	3-29-11	
Acenaphthylene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.97	EPA 8270	2-15-11	3-29-11	

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-03-GW-020711					
Laboratory ID:	02-066-03					
2,4-Dinitrophenol	ND	9.7	EPA 8270	2-15-11	3-29-11	
Acenaphthene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.97	EPA 8270	2-15-11	3-29-11	
2,4-Dinitrotoluene	ND	0.97	EPA 8270	2-15-11	3-29-11	
Dibenzofuran	ND	0.97	EPA 8270	2-15-11	3-29-11	
2,3,5,6-Tetrachlorophenol	ND	0.97	EPA 8270	2-15-11	3-29-11	
2,3,4,6-Tetrachlorophenol	ND	0.97	EPA 8270	2-15-11	3-29-11	
Diethylphthalate	ND	0.97	EPA 8270	2-15-11	3-29-11	
4-Chlorophenyl-phenylether	ND	0.97	EPA 8270	2-15-11	3-29-11	
4-Nitroaniline	ND	0.97	EPA 8270	2-15-11	3-29-11	
Fluorene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
n-Nitrosodiphenylamine	ND	9.7	EPA 8270	2-15-11	3-29-11	
1,2-Diphenylhydrazine	ND	0.97	EPA 8270	2-15-11	3-29-11	
4-Bromophenyl-phenylether	ND	0.97	EPA 8270	2-15-11	3-29-11	
Hexachlorobenzene	ND	0.97	EPA 8270	2-15-11	3-29-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
Phenanthrene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.97	EPA 8270	2-15-11	3-29-11	
Di-n-butylphthalate	ND	0.97	EPA 8270	2-15-11	3-29-11	
Fluoranthene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.7	EPA 8270	2-15-11	3-29-11	
Pyrene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.97	EPA 8270	2-15-11	3-29-11	
bis-2-Ethylhexyladipate	ND	0.97	EPA 8270	2-15-11	3-29-11	
3,3'-Dichlorobenzidine	ND	9.7	EPA 8270	2-15-11	3-29-11	
Benzo[a]anthracene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.97	EPA 8270	2-15-11	3-29-11	
Di-n-octylphthalate	ND	0.97	EPA 8270	2-15-11	3-29-11	
Benzo[b]fluoranthene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>50</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>37</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>78</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>71</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>78</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>84</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-14-GW-020711					
Laboratory ID:	02-066-04					
n-Nitrosodimethylamine	ND	0.95	EPA 8270	2-15-11	3-29-11	
Pyridine	ND	9.5	EPA 8270	2-15-11	3-29-11	
Phenol	ND	0.95	EPA 8270	2-15-11	3-29-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethyl)ether	ND	0.95	EPA 8270	2-15-11	3-29-11	
2-Chlorophenol	ND	0.95	EPA 8270	2-15-11	3-29-11	
1,3-Dichlorobenzene	ND	0.95	EPA 8270	2-15-11	3-29-11	
1,4-Dichlorobenzene	ND	0.95	EPA 8270	2-15-11	3-29-11	
Benzyl alcohol	ND	0.95	EPA 8270	2-15-11	3-29-11	
1,2-Dichlorobenzene	ND	0.95	EPA 8270	2-15-11	3-29-11	
2-Methylphenol (o-Cresol)	ND	0.95	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroisopropyl)ether	ND	0.95	EPA 8270	2-15-11	3-29-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.95	EPA 8270	2-15-11	3-29-11	
n-Nitroso-di-n-propylamine	ND	0.95	EPA 8270	2-15-11	3-29-11	
Hexachloroethane	ND	0.95	EPA 8270	2-15-11	3-29-11	
Nitrobenzene	ND	0.95	EPA 8270	2-15-11	3-29-11	
Isophorone	ND	0.95	EPA 8270	2-15-11	3-29-11	
2-Nitrophenol	ND	0.95	EPA 8270	2-15-11	3-29-11	
2,4-Dimethylphenol	ND	0.95	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethoxy)methane	ND	0.95	EPA 8270	2-15-11	3-29-11	
2,4-Dichlorophenol	ND	0.95	EPA 8270	2-15-11	3-29-11	
1,2,4-Trichlorobenzene	ND	0.95	EPA 8270	2-15-11	3-29-11	
Naphthalene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.5	EPA 8270	2-15-11	3-29-11	
Hexachlorobutadiene	ND	0.95	EPA 8270	2-15-11	3-29-11	
4-Chloro-3-methylphenol	ND	0.95	EPA 8270	2-15-11	3-29-11	
2-Methylnaphthalene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.95	EPA 8270	2-15-11	3-29-11	
2,4,6-Trichlorophenol	ND	0.95	EPA 8270	2-15-11	3-29-11	
2,3-Dichloroaniline	ND	0.95	EPA 8270	2-15-11	3-29-11	
2,4,5-Trichlorophenol	ND	0.95	EPA 8270	2-15-11	3-29-11	
2-Chloronaphthalene	ND	0.95	EPA 8270	2-15-11	3-29-11	
2-Nitroaniline	ND	0.95	EPA 8270	2-15-11	3-29-11	
1,4-Dinitrobenzene	ND	0.95	EPA 8270	2-15-11	3-29-11	
Dimethylphthalate	ND	0.95	EPA 8270	2-15-11	3-29-11	
1,3-Dinitrobenzene	ND	0.95	EPA 8270	2-15-11	3-29-11	
2,6-Dinitrotoluene	ND	0.95	EPA 8270	2-15-11	3-29-11	
1,2-Dinitrobenzene	ND	0.95	EPA 8270	2-15-11	3-29-11	
Acenaphthylene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.95	EPA 8270	2-15-11	3-29-11	

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-14-GW-020711					
Laboratory ID:	02-066-04					
2,4-Dinitrophenol	ND	9.5	EPA 8270	2-15-11	3-29-11	
Acenaphthene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.95	EPA 8270	2-15-11	3-29-11	
2,4-Dinitrotoluene	ND	0.95	EPA 8270	2-15-11	3-29-11	
Dibenzofuran	ND	0.95	EPA 8270	2-15-11	3-29-11	
2,3,5,6-Tetrachlorophenol	ND	0.95	EPA 8270	2-15-11	3-29-11	
2,3,4,6-Tetrachlorophenol	ND	0.95	EPA 8270	2-15-11	3-29-11	
Diethylphthalate	ND	0.95	EPA 8270	2-15-11	3-29-11	
4-Chlorophenyl-phenylether	ND	0.95	EPA 8270	2-15-11	3-29-11	
4-Nitroaniline	ND	0.95	EPA 8270	2-15-11	3-29-11	
Fluorene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
n-Nitrosodiphenylamine	ND	9.5	EPA 8270	2-15-11	3-29-11	
1,2-Diphenylhydrazine	ND	0.95	EPA 8270	2-15-11	3-29-11	
4-Bromophenyl-phenylether	ND	0.95	EPA 8270	2-15-11	3-29-11	
Hexachlorobenzene	ND	0.95	EPA 8270	2-15-11	3-29-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
Phenanthrene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.95	EPA 8270	2-15-11	3-29-11	
Di-n-butylphthalate	ND	0.95	EPA 8270	2-15-11	3-29-11	
Fluoranthene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.5	EPA 8270	2-15-11	3-29-11	
Pyrene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.95	EPA 8270	2-15-11	3-29-11	
bis-2-Ethylhexyladipate	ND	0.95	EPA 8270	2-15-11	3-29-11	
3,3'-Dichlorobenzidine	ND	9.5	EPA 8270	2-15-11	3-29-11	
Benzo[a]anthracene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.95	EPA 8270	2-15-11	3-29-11	
Di-n-octylphthalate	ND	0.95	EPA 8270	2-15-11	3-29-11	
Benzo[b]fluoranthene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>53</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>38</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>78</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>74</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>71</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>79</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-13-GW-020711					
Laboratory ID:	02-066-05					
n-Nitrosodimethylamine	ND	0.98	EPA 8270	2-15-11	3-29-11	
Pyridine	ND	9.8	EPA 8270	2-15-11	3-29-11	
Phenol	ND	0.98	EPA 8270	2-15-11	3-29-11	
Aniline	ND	4.9	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethyl)ether	ND	0.98	EPA 8270	2-15-11	3-29-11	
2-Chlorophenol	ND	0.98	EPA 8270	2-15-11	3-29-11	
1,3-Dichlorobenzene	ND	0.98	EPA 8270	2-15-11	3-29-11	
1,4-Dichlorobenzene	ND	0.98	EPA 8270	2-15-11	3-29-11	
Benzyl alcohol	ND	0.98	EPA 8270	2-15-11	3-29-11	
1,2-Dichlorobenzene	ND	0.98	EPA 8270	2-15-11	3-29-11	
2-Methylphenol (o-Cresol)	ND	0.98	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroisopropyl)ether	ND	0.98	EPA 8270	2-15-11	3-29-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.98	EPA 8270	2-15-11	3-29-11	
n-Nitroso-di-n-propylamine	ND	0.98	EPA 8270	2-15-11	3-29-11	
Hexachloroethane	ND	0.98	EPA 8270	2-15-11	3-29-11	
Nitrobenzene	ND	0.98	EPA 8270	2-15-11	3-29-11	
Isophorone	ND	0.98	EPA 8270	2-15-11	3-29-11	
2-Nitrophenol	ND	0.98	EPA 8270	2-15-11	3-29-11	
2,4-Dimethylphenol	ND	0.98	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethoxy)methane	ND	0.98	EPA 8270	2-15-11	3-29-11	
2,4-Dichlorophenol	ND	0.98	EPA 8270	2-15-11	3-29-11	
1,2,4-Trichlorobenzene	ND	0.98	EPA 8270	2-15-11	3-29-11	
Naphthalene	ND	0.098	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.8	EPA 8270	2-15-11	3-29-11	
Hexachlorobutadiene	ND	0.98	EPA 8270	2-15-11	3-29-11	
4-Chloro-3-methylphenol	ND	0.98	EPA 8270	2-15-11	3-29-11	
2-Methylnaphthalene	ND	0.098	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.098	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.98	EPA 8270	2-15-11	3-29-11	
2,4,6-Trichlorophenol	ND	0.98	EPA 8270	2-15-11	3-29-11	
2,3-Dichloroaniline	ND	0.98	EPA 8270	2-15-11	3-29-11	
2,4,5-Trichlorophenol	ND	0.98	EPA 8270	2-15-11	3-29-11	
2-Chloronaphthalene	ND	0.98	EPA 8270	2-15-11	3-29-11	
2-Nitroaniline	ND	0.98	EPA 8270	2-15-11	3-29-11	
1,4-Dinitrobenzene	ND	0.98	EPA 8270	2-15-11	3-29-11	
Dimethylphthalate	ND	0.98	EPA 8270	2-15-11	3-29-11	
1,3-Dinitrobenzene	ND	0.98	EPA 8270	2-15-11	3-29-11	
2,6-Dinitrotoluene	ND	0.98	EPA 8270	2-15-11	3-29-11	
1,2-Dinitrobenzene	ND	0.98	EPA 8270	2-15-11	3-29-11	
Acenaphthylene	ND	0.098	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.98	EPA 8270	2-15-11	3-29-11	

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-13-GW-020711					
Laboratory ID:	02-066-05					
2,4-Dinitrophenol	ND	9.8	EPA 8270	2-15-11	3-29-11	
Acenaphthene	ND	0.098	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.98	EPA 8270	2-15-11	3-29-11	
2,4-Dinitrotoluene	ND	0.98	EPA 8270	2-15-11	3-29-11	
Dibenzofuran	ND	0.98	EPA 8270	2-15-11	3-29-11	
2,3,5,6-Tetrachlorophenol	ND	0.98	EPA 8270	2-15-11	3-29-11	
2,3,4,6-Tetrachlorophenol	ND	0.98	EPA 8270	2-15-11	3-29-11	
Diethylphthalate	ND	0.98	EPA 8270	2-15-11	3-29-11	
4-Chlorophenyl-phenylether	ND	0.98	EPA 8270	2-15-11	3-29-11	
4-Nitroaniline	ND	0.98	EPA 8270	2-15-11	3-29-11	
Fluorene	ND	0.098	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.9	EPA 8270	2-15-11	3-29-11	
n-Nitrosodiphenylamine	ND	9.8	EPA 8270	2-15-11	3-29-11	
1,2-Diphenylhydrazine	ND	0.98	EPA 8270	2-15-11	3-29-11	
4-Bromophenyl-phenylether	ND	0.98	EPA 8270	2-15-11	3-29-11	
Hexachlorobenzene	ND	0.98	EPA 8270	2-15-11	3-29-11	
Pentachlorophenol	ND	4.9	EPA 8270	2-15-11	3-29-11	
Phenanthrene	ND	0.098	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.098	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.98	EPA 8270	2-15-11	3-29-11	
Di-n-butylphthalate	ND	0.98	EPA 8270	2-15-11	3-29-11	
Fluoranthene	ND	0.098	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.8	EPA 8270	2-15-11	3-29-11	
Pyrene	ND	0.098	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.98	EPA 8270	2-15-11	3-29-11	
bis-2-Ethylhexyladipate	ND	0.98	EPA 8270	2-15-11	3-29-11	
3,3'-Dichlorobenzidine	ND	9.8	EPA 8270	2-15-11	3-29-11	
Benzo[a]anthracene	ND	0.0098	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0098	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.98	EPA 8270	2-15-11	3-29-11	
Di-n-octylphthalate	ND	0.98	EPA 8270	2-15-11	3-29-11	
Benzo[b]fluoranthene	ND	0.0098	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0098	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0098	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0098	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0098	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0098	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>53</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>38</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>83</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>77</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>77</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>81</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-DUP-GW-020711					
Laboratory ID:	02-066-06					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	2-15-11	3-29-11	
Pyridine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Phenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Chlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Benzyl alcohol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	2-15-11	3-29-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	2-15-11	3-29-11	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	2-15-11	3-29-11	
Hexachloroethane	ND	0.96	EPA 8270	2-15-11	3-29-11	
Nitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Isophorone	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dimethylphenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Naphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.6	EPA 8270	2-15-11	3-29-11	
Hexachlorobutadiene	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3-Dichloroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Chloronaphthalene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Dimethylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Acenaphthylene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-DUP-GW-020711					
Laboratory ID:	02-066-06					
2,4-Dinitrophenol	ND	9.6	EPA 8270	2-15-11	3-29-11	
Acenaphthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Dibenzofuran	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
Diethylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
Fluorene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	2-15-11	3-29-11	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-29-11	
Hexachlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
Phenanthrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.96	EPA 8270	2-15-11	3-29-11	
Di-n-butylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Fluoranthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Pyrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis-2-Ethylhexyladipate	ND	0.96	EPA 8270	2-15-11	3-29-11	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Di-n-octylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>50</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>37</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>76</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>70</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>76</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>81</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0215W2					
n-Nitrosodimethylamine	ND	1.0	EPA 8270	2-15-11	3-29-11	
Pyridine	ND	10	EPA 8270	2-15-11	3-29-11	
Phenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
Aniline	ND	5.0	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethyl)ether	ND	1.0	EPA 8270	2-15-11	3-29-11	
2-Chlorophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
1,3-Dichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
1,4-Dichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
Benzyl alcohol	ND	1.0	EPA 8270	2-15-11	3-29-11	
1,2-Dichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
2-Methylphenol (o-Cresol)	ND	1.0	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroisopropyl)ether	ND	1.0	EPA 8270	2-15-11	3-29-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	1.0	EPA 8270	2-15-11	3-29-11	
n-Nitroso-di-n-propylamine	ND	1.0	EPA 8270	2-15-11	3-29-11	
Hexachloroethane	ND	1.0	EPA 8270	2-15-11	3-29-11	
Nitrobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
Isophorone	ND	1.0	EPA 8270	2-15-11	3-29-11	
2-Nitrophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,4-Dimethylphenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethoxy)methane	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,4-Dichlorophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
Naphthalene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	10	EPA 8270	2-15-11	3-29-11	
Hexachlorobutadiene	ND	1.0	EPA 8270	2-15-11	3-29-11	
4-Chloro-3-methylphenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
2-Methylnaphthalene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,4,6-Trichlorophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,3-Dichloroaniline	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,4,5-Trichlorophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
2-Chloronaphthalene	ND	1.0	EPA 8270	2-15-11	3-29-11	
2-Nitroaniline	ND	1.0	EPA 8270	2-15-11	3-29-11	
1,4-Dinitrobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
Dimethylphthalate	ND	1.0	EPA 8270	2-15-11	3-29-11	
1,3-Dinitrobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,6-Dinitrotoluene	ND	1.0	EPA 8270	2-15-11	3-29-11	
1,2-Dinitrobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
Acenaphthylene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	1.0	EPA 8270	2-15-11	3-29-11	

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0215W2					
2,4-Dinitrophenol	ND	10	EPA 8270	2-15-11	3-29-11	
Acenaphthene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,4-Dinitrotoluene	ND	1.0	EPA 8270	2-15-11	3-29-11	
Dibenzofuran	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,3,5,6-Tetrachlorophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,3,4,6-Tetrachlorophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
Diethylphthalate	ND	1.0	EPA 8270	2-15-11	3-29-11	
4-Chlorophenyl-phenylether	ND	1.0	EPA 8270	2-15-11	3-29-11	
4-Nitroaniline	ND	1.0	EPA 8270	2-15-11	3-29-11	
Fluorene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	5.0	EPA 8270	2-15-11	3-29-11	
n-Nitrosodiphenylamine	ND	10	EPA 8270	2-15-11	3-29-11	
1,2-Diphenylhydrazine	ND	1.0	EPA 8270	2-15-11	3-29-11	
4-Bromophenyl-phenylether	ND	1.0	EPA 8270	2-15-11	3-29-11	
Hexachlorobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
Pentachlorophenol	ND	5.0	EPA 8270	2-15-11	3-29-11	
Phenanthrene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	1.0	EPA 8270	2-15-11	3-29-11	
Di-n-butylphthalate	ND	1.0	EPA 8270	2-15-11	3-29-11	
Fluoranthene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	10	EPA 8270	2-15-11	3-29-11	
Pyrene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	1.0	EPA 8270	2-15-11	3-29-11	
bis-2-Ethylhexyladipate	ND	1.0	EPA 8270	2-15-11	3-29-11	
3,3'-Dichlorobenzidine	ND	10	EPA 8270	2-15-11	3-29-11	
Benzo[a]anthracene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	1.0	EPA 8270	2-15-11	3-29-11	
Di-n-octylphthalate	ND	1.0	EPA 8270	2-15-11	3-29-11	
Benzo[b]fluoranthene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	54	18 - 86				
Phenol-d6	38	10 - 88				
Nitrobenzene-d5	80	37 - 112				
2-Fluorobiphenyl	74	42 - 108				
2,4,6-Tribromophenol	83	39 - 118				
Terphenyl-d14	80	49 - 122				

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066B
 Project: 215-2662-004

**SEMIVOLATILES by EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	Limits	Limit		
SPIKE BLANKS										
Laboratory ID:	SB0215W2									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	16.5	20.0	40.0	40.0	41	50	26 - 60	19	29	
2-Chlorophenol	32.9	37.3	40.0	40.0	82	93	46 - 104	13	34	
1,4-Dichlorobenzene	15.1	17.1	20.0	20.0	76	86	48 - 92	12	29	
n-Nitroso-di-n-propylamine	14.8	16.5	20.0	20.0	74	83	45 - 102	11	25	
1,2,4-Trichlorobenzene	14.3	16.2	20.0	20.0	72	81	47 - 91	12	25	
4-Chloro-3-methylphenol	33.8	36.1	40.0	40.0	85	90	61 - 104	7	18	
Acenaphthene	15.1	16.2	20.0	20.0	76	81	59 - 95	7	15	
4-Nitrophenol	21.3	24.1	40.0	40.0	53	60	21 - 75	12	33	
2,4-Dinitrotoluene	18.6	19.7	20.0	20.0	93	99	66 - 105	6	20	
Pentachlorophenol	34.2	35.7	40.0	40.0	86	89	48 - 119	4	31	
Pyrene	16.9	17.6	20.0	20.0	85	88	62 - 111	4	19	
<i>Surrogate:</i>										
2-Fluorophenol					55	65	18 - 86			
Phenol-d6					39	48	10 - 88			
Nitrobenzene-d5					82	89	37 - 112			
2-Fluorobiphenyl					75	81	42 - 108			
2,4,6-Tribromophenol					85	88	39 - 118			
Terphenyl-d14					84	87	49 - 122			



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

February 17, 2011

Mike Warfel
Parametrix
1019 39th Avenue SE, Suite 100
Puyallup, WA 98374

Re: Analytical Data for Project 215-2662-004
Laboratory Reference No. 1102-066

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on February 9, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

Case Narrative

Samples were collected on February 7, 2011 and received by the laboratory on February 9, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Nitrite as Nitrogen EPA 353.2 Analysis

Sample WSP-MW-01-GW-020711 (02-066-01) was analyzed out of holding time.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

NWTPH-Gx

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-01-GW-020711					
Laboratory ID:	02-066-01					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	89	73-121				
Client ID:	WSP-MW-02-GW-020711					
Laboratory ID:	02-066-02					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	88	73-121				
Client ID:	WSP-MW-03-GW-020711					
Laboratory ID:	02-066-03					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	73-121				
Client ID:	WSP-MW-14-GW-020711					
Laboratory ID:	02-066-04					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	86	73-121				
Client ID:	WSP-MW-13-GW-020711					
Laboratory ID:	02-066-05					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	73-121				
Client ID:	WSP-DUP-GW-020711					
Laboratory ID:	02-066-06					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	84	73-121				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

NWTPH-Gx

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-020711					
Laboratory ID:	02-066-07					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>85</i>	<i>73-121</i>				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0210W1					
Gasoline	ND	100	NWTPH-Gx	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	73-121				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	02-066-02							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				88	84	73-121		

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

VOLATILES by EPA 8260B
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-01-GW-020711					
Laboratory ID:	02-066-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	0.32	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-01-GW-020711					
Laboratory ID:	02-066-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>97</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>89</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>83</i>	<i>65-104</i>				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

VOLATILES by EPA 8260B
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-02-GW-020711					
Laboratory ID:	02-066-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	0.78	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	2.0	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-02-GW-020711					
Laboratory ID:	02-066-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>91</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>88</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-104</i>				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-03-GW-020711					
Laboratory ID:	02-066-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	0.83	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	1.7	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-03-GW-020711					
Laboratory ID:	02-066-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>97</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>90</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>82</i>	<i>65-104</i>				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-14-GW-020711					
Laboratory ID:	02-066-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	0.78	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	1.0	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-14-GW-020711					
Laboratory ID:	02-066-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	0.86	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>93</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>86</i>	<i>65-104</i>				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-13-GW-020711					
Laboratory ID:	02-066-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	1.4	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-13-GW-020711					
Laboratory ID:	02-066-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	0.30	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>92</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>90</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-104</i>				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-DUP-GW-020711					
Laboratory ID:	02-066-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	0.21	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	0.41	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

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 Samples Submitted: February 9, 2011
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 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-DUP-GW-020711					
Laboratory ID:	02-066-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>99</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>95</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>85</i>	<i>65-104</i>				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

VOLATILES by EPA 8260B
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-020711					
Laboratory ID:	02-066-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

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 Samples Submitted: February 9, 2011
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 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-020711					
Laboratory ID:	02-066-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>92</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>90</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>78</i>	<i>65-104</i>				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0210W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloromethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Acetone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Iodomethane	ND	1.0	EPA 8260	2-10-11	2-10-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methylene Chloride	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-10-11	2-10-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Butanone	ND	5.0	EPA 8260	2-10-11	2-10-11	
Bromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chloroform	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Benzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Trichloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Dibromomethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-10-11	2-10-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Toluene	ND	1.0	EPA 8260	2-10-11	2-10-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-10-11	2-10-11	

Date of Report: February 17, 2011
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0210W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Hexanone	ND	2.0	EPA 8260	2-10-11	2-10-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Chlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
Ethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
m,p-Xylene	ND	0.40	EPA 8260	2-10-11	2-10-11	
o-Xylene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Styrene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromoform	ND	1.0	EPA 8260	2-10-11	2-10-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Bromobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-10-11	2-10-11	
Naphthalene	ND	1.0	EPA 8260	2-10-11	2-10-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-10-11	2-10-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>94</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>88</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-104</i>				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**VOLATILES by EPA 8260B
 MS/MSD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD	RPD	Limit	Flags
	MS	MSD	MS	MSD	Result	Recovery	Recovery	Limits	RPD	Limit	Flags	
MATRIX SPIKES												
Laboratory ID:	02-070-02											
1,1-Dichloroethene	10.1	10.1	10.0	10.0	ND	101	101	70-130	0	12		
Benzene	10.1	10.2	10.0	10.0	ND	101	102	84-123	1	11		
Trichloroethene	9.79	9.56	10.0	10.0	ND	98	96	80-117	2	14		
Toluene	10.1	10.0	10.0	10.0	ND	101	100	87-115	1	12		
Chlorobenzene	10.3	10.0	10.0	10.0	ND	103	100	86-117	3	13		
<i>Surrogate:</i>												
Dibromofluoromethane						95	97	68-107				
Toluene-d8						90	91	73-102				
4-Bromofluorobenzene						83	84	65-104				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-066-01					
Client ID:	WSP-MW-01-GW-020711					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	150000	11000	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	21000	1100	6010B		2-17-11	

Lab ID:	02-066-02					
Client ID:	WSP-MW-02-GW-020711					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	71000	11000	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	21000	1100	6010B		2-17-11	

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	02-066-03					
Client ID:	WSP-MW-03-GW-020711					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	82000	11000	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	19000	1100	6010B		2-17-11	

Lab ID: 02-066-04
Client ID: WSP-MW-14-GW-020711

Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	79000	11000	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	33000	1100	6010B		2-17-11	

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DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	02-066-05					
Client ID:	WSP-MW-13-GW-020711					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	55000	11000	6010B		2-17-11	
Chromium	11	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	39000	1100	6010B		2-17-11	

Lab ID:	02-066-06					
Client ID:	WSP-DUP-GW-020711					
Arsenic	ND	3.0	200.8		2-16-11	
Cadmium	ND	4.0	200.8		2-16-11	
Calcium	150000	11000	6010B		2-17-11	
Chromium	ND	10	200.8		2-16-11	
Copper	ND	10	200.8		2-16-11	
Lead	ND	1.0	200.8		2-16-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	22000	1100	6010B		2-17-11	

Date of Report: February 17, 2011
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**DISSOLVED METALS
EPA 200.8/6010B
METHOD BLANK QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0215D1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Cadmium	200.8	ND	4.0
Calcium	6010B	ND	1100
Chromium	200.8	ND	10
Copper	200.8	ND	10
Lead	200.8	ND	1.0
Manganese	200.8	ND	11
Sodium	6010B	ND	1100

Date of Report: February 17, 2011
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Project: 215-2662-004

**DISSOLVED METALS
EPA 7470A
METHOD BLANK QUALITY CONTROL**

Date Analyzed: 2-11-11
Matrix: Water
Units: ug/L (ppb)
Lab ID: MB0211D1

Analyte	Method	Result	PQL
Mercury	7470A	ND	0.50

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**DISSOLVED METALS
 EPA 200.8/6010B
 DUPLICATE QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 02-087-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.0	
Cadmium	ND	ND	NA	4.0	
Calcium	80000	80400	0	1100	
Chromium	ND	ND	NA	10	
Copper	ND	ND	NA	10	
Lead	ND	ND	NA	1.0	
Manganese	ND	ND	NA	11	
Sodium	32200	32300	0	1100	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

**DISSOLVED METALS
EPA 7470A
DUPLICATE QUALITY CONTROL**

Date Analyzed: 2-11-11
Matrix: Water
Units: ug/L (ppb)
Lab ID: 02-048-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	ND	ND	NA	0.50	

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**DISSOLVED METALS
 EPA 200.8/6010B
 MS/MSD QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 02-087-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	218	109	215	108	1	
Cadmium	200	215	107	217	109	1	
Calcium	22000	102000	98	101000	94	1	
Chromium	200	183	92	179	90	2	
Copper	200	201	101	199	99	1	
Lead	200	211	105	213	106	1	
Manganese	4400	4270	97	4340	99	2	
Sodium	22000	52400	92	52900	94	1	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

**DISSOLVED METALS
EPA 7470A
MS/MSD QUALITY CONTROL**

Date Analyzed: 2-11-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 02-048-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	12.5	11.5	92	11.2	90	2	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

**AMMONIA (as Nitrogen)
SM 4500-NH₃ F**

Date Analyzed: 2-16-11

Matrix: Water
Units: mg NH₃-N /L

Client ID	Lab ID	Result	PQL
WSP-MW-01-GW-020711	02-066-01	ND	0.050
WSP-MW-02-GW-020711	02-066-02	ND	0.050
WSP-MW-03-GW-020711	02-066-03	ND	0.050
WSP-MW-14-GW-020711	02-066-04	ND	0.050
WSP-MW-13-GW-020711	02-066-05	ND	0.050
WSP-DUP-GW-020711	02-066-06	ND	0.050

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**AMMONIA (as Nitrogen)
 SM 4500-NH₃ F
 QUALITY CONTROL**

Date Analyzed: 2-16-11
 Matrix: Water
 Units: mg NH₃-N /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0216W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0216W1	4.43	5.00	89	85-99	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-066-02	ND				
Matrix Spike	4.45	5.00	89	81-103	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-066-02	ND	ND	NA	9	

Date of Report: February 17, 2011
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Project: 215-2662-004

**NITRATE (as Nitrogen)
EPA 353.2**

Date Analyzed: 2-9-11

Matrix: Water

Units: mg /L

Client ID	Lab ID	Result	PQL
WSP-MW-01-GW-020711	02-066-01	20	0.25
WSP-MW-02-GW-020711	02-066-02	16	0.25
WSP-MW-03-GW-020711	02-066-03	22	0.25
WSP-MW-14-GW-020711	02-066-04	20	0.25
WSP-MW-13-GW-020711	02-066-05	18	0.25
WSP-DUP-GW-020711	02-066-06	19	0.25

Date of Report: February 17, 2011
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**NITRATE (as Nitrogen)
 EPA 353.2
 QUALITY CONTROL**

Date Analyzed: 2-9-11

Matrix: Water
 Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0209W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0209W1	1.87	2.00	94	86-120	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-052-01	0.452				
Matrix Spike	2.55	2.00	105	84-123	

DUPLICATE QUALITY CONTROL

Lab ID	Result	Duplicate Result	RPD	Control Limit	Flag
02-052-01	0.452	0.451	0	11	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

**ALKALINITY
SM 2320B**

Date Analyzed: 2-12-11
Matrix: Water
Units: mg CaCO₃/L

Client ID	Lab ID	Carbonate Alkalinity	Bicarbonate Concentration	PQL
WSP-MW-01-GW-020711	02-066-01	ND	380	20
WSP-MW-02-GW-020711	02-066-02	ND	240	20
WSP-MW-03-GW-020711	02-066-03	ND	280	20
WSP-MW-14-GW-020711	02-066-04	ND	300	20
WSP-MW-13-GW-020711	02-066-05	ND	220	20
WSP-DUP-GW-020711	02-066-06	ND	380	20

Date of Report: February 17, 2011
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 Project: 215-2662-004

**ALKALINITY
 SM 2320B
 QUALITY CONTROL**

Date Analyzed: 2-12-11
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0212W1	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0212W1	98.0	100	98	70-130	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-070-02	96.0	98.0	2	8	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-066
Project: 215-2662-004

**TOTAL ALKALINITY
SM 2320B**

Date Analyzed: 2-12-11
Matrix: Water
Units: mg CaCO₃/L

Client ID	Lab ID	Result	PQL
WSP-MW-01-GW-020711	02-066-01	380	20
WSP-MW-02-GW-020711	02-066-02	240	20
WSP-MW-03-GW-020711	02-066-03	280	20
WSP-MW-14-GW-020711	02-066-04	300	20
WSP-MW-13-GW-020711	02-066-05	220	20
WSP-DUP-GW-020711	02-066-06	380	20

Date of Report: February 17, 2011
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**TOTAL ALKALINITY
 SM 2320B
 QUALITY CONTROL**

Date Analyzed: 2-12-11
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0212W1	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0212W1	98.0	100	98	90-114	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-070-02	96.0	98.0	2	8	

Date of Report: February 17, 2011
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Project: 215-2662-004

SULFATE
ASTM D516-02

Date Analyzed: 2-11-11

Matrix: Water

Units: mg/L

Client ID	Lab ID	Result	PQL
WSP-MW-01-GW-020711	02-066-01	54	25
WSP-MW-02-GW-020711	02-066-02	23	5.0
WSP-MW-03-GW-020711	02-066-03	23	5.0
WSP-MW-14-GW-020711	02-066-04	49	25
WSP-MW-13-GW-020711	02-066-05	34	10
WSP-DUP-GW-020711	02-066-06	49	10

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-066
 Project: 215-2662-004

**SULFATE
 ASTM D516-02
 QUALITY CONTROL**

Date Analyzed: 2-11-11

Matrix: Water

Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0211W1	ND	5.0

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0211W1	10.4	10.0	104	89-114	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-037-01	10.3				
Matrix Spike	20.5	10.0	102	83-112	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-037-01	10.3	10.4	1	7	



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

February 17, 2011

Mike Warfel
Parametrix
1019 39th Avenue SE, Suite 100
Puyallup, WA 98374

Re: Analytical Data for Project 215-2662-004
Laboratory Reference No. 1102-067

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on February 9, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-067
Project: 215-2662-004

Case Narrative

Samples were collected on February 8, 2011 and received by the laboratory on February 9, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067
 Project: 215-2662-004

NWTPH-Gx

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-06-GW-020811					
Laboratory ID:	02-067-01					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	86	73-121				
Client ID:	WSP-MW-07-GW-020811					
Laboratory ID:	02-067-02					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	83	73-121				
Client ID:	WSP-MW-08-GW-020811					
Laboratory ID:	02-067-03					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	84	73-121				
Client ID:	WSP-MW-09-GW-020811					
Laboratory ID:	02-067-04					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	86	73-121				
Client ID:	WSP-TB-020811					
Laboratory ID:	02-067-05					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	73-121				

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**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0211W1					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	87	73-121				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	02-089-02							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				80	79	73-121		

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-06-GW-020811					
Laboratory ID:	02-067-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloromethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromomethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloroethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Acetone	ND	5.0	EPA 8260	2-11-11	2-11-11	
Iodomethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methylene Chloride	ND	1.0	EPA 8260	2-11-11	2-11-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-11-11	2-11-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Butanone	ND	5.0	EPA 8260	2-11-11	2-11-11	
Bromochloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloroform	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Benzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Trichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Dibromomethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-11-11	2-11-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-11-11	2-11-11	
Toluene	ND	1.0	EPA 8260	2-11-11	2-11-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-06-GW-020811					
Laboratory ID:	02-067-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Hexanone	ND	2.0	EPA 8260	2-11-11	2-11-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Ethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
m,p-Xylene	ND	0.40	EPA 8260	2-11-11	2-11-11	
o-Xylene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Styrene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromoform	ND	1.0	EPA 8260	2-11-11	2-11-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
sec-Butylbenzene	0.20	0.20	EPA 8260	2-11-11	2-11-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-11-11	2-11-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Naphthalene	ND	1.0	EPA 8260	2-11-11	2-11-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	93	68-107				
<i>Toluene-d8</i>	95	73-102				
<i>4-Bromofluorobenzene</i>	88	65-104				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-07-GW-020811					
Laboratory ID:	02-067-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloromethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromomethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloroethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Acetone	ND	5.0	EPA 8260	2-11-11	2-11-11	
Iodomethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methylene Chloride	ND	1.0	EPA 8260	2-11-11	2-11-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-11-11	2-11-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Butanone	ND	5.0	EPA 8260	2-11-11	2-11-11	
Bromochloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloroform	2.4	0.20	EPA 8260	2-11-11	2-11-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Benzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Trichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Dibromomethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-11-11	2-11-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-11-11	2-11-11	
Toluene	ND	1.0	EPA 8260	2-11-11	2-11-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-07-GW-020811					
Laboratory ID:	02-067-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Hexanone	ND	2.0	EPA 8260	2-11-11	2-11-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Ethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
m,p-Xylene	ND	0.40	EPA 8260	2-11-11	2-11-11	
o-Xylene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Styrene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromoform	ND	1.0	EPA 8260	2-11-11	2-11-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-11-11	2-11-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Naphthalene	ND	1.0	EPA 8260	2-11-11	2-11-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	99	68-107				
<i>Toluene-d8</i>	94	73-102				
<i>4-Bromofluorobenzene</i>	85	65-104				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-08-GW-020811					
Laboratory ID:	02-067-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloromethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromomethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloroethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Acetone	ND	5.0	EPA 8260	2-11-11	2-11-11	
Iodomethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methylene Chloride	ND	1.0	EPA 8260	2-11-11	2-11-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-11-11	2-11-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Butanone	ND	5.0	EPA 8260	2-11-11	2-11-11	
Bromochloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloroform	1.5	0.20	EPA 8260	2-11-11	2-11-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Benzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Trichloroethene	2.5	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Dibromomethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-11-11	2-11-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-11-11	2-11-11	
Toluene	ND	1.0	EPA 8260	2-11-11	2-11-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-08-GW-020811					
Laboratory ID:	02-067-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Hexanone	ND	2.0	EPA 8260	2-11-11	2-11-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Ethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
m,p-Xylene	ND	0.40	EPA 8260	2-11-11	2-11-11	
o-Xylene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Styrene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromoform	ND	1.0	EPA 8260	2-11-11	2-11-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-11-11	2-11-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Naphthalene	ND	1.0	EPA 8260	2-11-11	2-11-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	93	68-107				
<i>Toluene-d8</i>	89	73-102				
<i>4-Bromofluorobenzene</i>	81	65-104				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067
 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-09-GW-020811					
Laboratory ID:	02-067-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloromethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromomethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloroethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Acetone	ND	5.0	EPA 8260	2-11-11	2-11-11	
Iodomethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methylene Chloride	ND	1.0	EPA 8260	2-11-11	2-11-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-11-11	2-11-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Butanone	ND	5.0	EPA 8260	2-11-11	2-11-11	
Bromochloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloroform	0.63	0.20	EPA 8260	2-11-11	2-11-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Benzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Trichloroethene	1.1	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Dibromomethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-11-11	2-11-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-11-11	2-11-11	
Toluene	ND	1.0	EPA 8260	2-11-11	2-11-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	

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 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-09-GW-020811					
Laboratory ID:	02-067-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Tetrachloroethene	0.76	0.20	EPA 8260	2-11-11	2-11-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Hexanone	ND	2.0	EPA 8260	2-11-11	2-11-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Ethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
m,p-Xylene	ND	0.40	EPA 8260	2-11-11	2-11-11	
o-Xylene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Styrene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromoform	ND	1.0	EPA 8260	2-11-11	2-11-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-11-11	2-11-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Naphthalene	ND	1.0	EPA 8260	2-11-11	2-11-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>92</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>89</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>81</i>	<i>65-104</i>				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-020811					
Laboratory ID:	02-067-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloromethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromomethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloroethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Acetone	ND	5.0	EPA 8260	2-11-11	2-11-11	
Iodomethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methylene Chloride	ND	1.0	EPA 8260	2-11-11	2-11-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-11-11	2-11-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Butanone	ND	5.0	EPA 8260	2-11-11	2-11-11	
Bromochloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloroform	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Benzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Trichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Dibromomethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-11-11	2-11-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-11-11	2-11-11	
Toluene	ND	1.0	EPA 8260	2-11-11	2-11-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	

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 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-020811					
Laboratory ID:	02-067-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Hexanone	ND	2.0	EPA 8260	2-11-11	2-11-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Ethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
m,p-Xylene	ND	0.40	EPA 8260	2-11-11	2-11-11	
o-Xylene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Styrene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromoform	ND	1.0	EPA 8260	2-11-11	2-11-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-11-11	2-11-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Naphthalene	ND	1.0	EPA 8260	2-11-11	2-11-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>95</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>90</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-104</i>				

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 Samples Submitted: February 9, 2011
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 Project: 215-2662-004

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METHOD BLANK QUALITY CONTROL
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0211W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloromethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromomethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloroethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Acetone	ND	5.0	EPA 8260	2-11-11	2-11-11	
Iodomethane	ND	1.0	EPA 8260	2-11-11	2-11-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methylene Chloride	ND	1.0	EPA 8260	2-11-11	2-11-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-11-11	2-11-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Butanone	ND	5.0	EPA 8260	2-11-11	2-11-11	
Bromochloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chloroform	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Benzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Trichloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Dibromomethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-11-11	2-11-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-11-11	2-11-11	
Toluene	ND	1.0	EPA 8260	2-11-11	2-11-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-11-11	2-11-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0211W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Hexanone	ND	2.0	EPA 8260	2-11-11	2-11-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Chlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
Ethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
m,p-Xylene	ND	0.40	EPA 8260	2-11-11	2-11-11	
o-Xylene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Styrene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromoform	ND	1.0	EPA 8260	2-11-11	2-11-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Bromobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-11-11	2-11-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-11-11	2-11-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-11-11	2-11-11	
Naphthalene	ND	1.0	EPA 8260	2-11-11	2-11-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>97</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>92</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>81</i>	<i>65-104</i>				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067
 Project: 215-2662-004

**VOLATILES by EPA 8260B
 MS/MSD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD	RPD	RPD	Flags
	MS	MSD	MS	MSD	Result	Recovery	Recovery	Limits	RPD	Limit		
MATRIX SPIKES												
Laboratory ID:	02-067-02											
1,1-Dichloroethene	9.60	9.77	10.0	10.0	ND	96	98	70-130	2	12		
Benzene	9.86	10.0	10.0	10.0	ND	99	100	84-123	1	11		
Trichloroethene	9.75	9.84	10.0	10.0	ND	98	98	80-117	1	14		
Toluene	10.1	10.2	10.0	10.0	ND	101	102	87-115	1	12		
Chlorobenzene	10.1	10.1	10.0	10.0	ND	101	101	86-117	0	13		
<i>Surrogate:</i>												
Dibromofluoromethane						94	93	68-107				
Toluene-d8						90	88	73-102				
4-Bromofluorobenzene						79	78	65-104				

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067
 Project: 215-2662-004

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	02-067-01					
Client ID:	WSP-MW-06-GW-020811					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	28000	1100	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	201.8		2-15-11	
Manganese	1400	11	202.8		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	19000	1100	6010B		2-17-11	

Lab ID:	02-067-02					
Client ID:	WSP-MW-07-GW-020811					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	47000	1100	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	30000	1100	6010B		2-17-11	

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067
 Project: 215-2662-004

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	02-067-03					
Client ID:	WSP-MW-08-GW-020811					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	62000	1100	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	22000	1100	6010B		2-17-11	

Lab ID:	02-067-04					
Client ID:	WSP-MW-09-GW-020811					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	67000	1100	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-11-11	
Sodium	18000	1100	6010B		2-17-11	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-067
Project: 215-2662-004

**DISSOLVED METALS
EPA 200.8/6010B
METHOD BLANK QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11

Matrix: Water

Units: ug/L (ppb)

Lab ID: MB0215D1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Cadmium	200.8	ND	4.0
Calcium	6010B	ND	1100
Chromium	200.8	ND	10
Copper	200.8	ND	10
Lead	200.8	ND	1.0
Manganese	200.8	ND	11
Sodium	6010B	ND	1100

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-067
Project: 215-2662-004

**DISSOLVED METALS
EPA 7470A
METHOD BLANK QUALITY CONTROL**

Date Analyzed: 2-11-11
Matrix: Water
Units: ug/L (ppb)
Lab ID: MB0211D1

Analyte	Method	Result	PQL
Mercury	7470A	ND	0.50

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067
 Project: 215-2662-004

**DISSOLVED METALS
 EPA 200.8/6010B
 DUPLICATE QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 02-087-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.0	
Cadmium	ND	ND	NA	4.0	
Calcium	80000	80400	0	1100	
Chromium	ND	ND	NA	10	
Copper	ND	ND	NA	10	
Lead	ND	ND	NA	1.0	
Manganese	ND	ND	NA	11	
Sodium	32200	32300	0	1100	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-067
Project: 215-2662-004

**DISSOLVED METALS
EPA 7470A
DUPLICATE QUALITY CONTROL**

Date Analyzed: 2-11-11
Matrix: Water
Units: ug/L (ppb)
Lab ID: 02-048-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	ND	ND	NA	0.50	

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067
 Project: 215-2662-004

**DISSOLVED METALS
 EPA 200.8/6010B
 MS/MSD QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 02-087-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	218	109	215	108	1	
Cadmium	200	215	107	217	109	1	
Calcium	22000	102000	98	101000	94	1	
Chromium	200	183	92	179	90	2	
Copper	200	201	101	199	99	1	
Lead	200	211	105	213	106	1	
Manganese	4400	4270	97	4340	99	2	
Sodium	22000	52400	92	52900	94	1	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-067
Project: 215-2662-004

**DISSOLVED METALS
EPA 7470A
MS/MSD QUALITY CONTROL**

Date Analyzed: 2-11-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 02-048-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	12.5	11.5	92	11.2	90	2	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-067
Project: 215-2662-004

**AMMONIA (as Nitrogen)
SM 4500-NH₃ F**

Date Analyzed: 2-16-11
Matrix: Water
Units: mg NH₃-N /L

Client ID	Lab ID	Result	PQL
WSP-MW-06-GW-020811	02-067-01	ND	0.050
WSP-MW-07-GW-020811	02-067-02	ND	0.050
WSP-MW-08-GW-020811	02-067-03	ND	0.050
WSP-MW-09-GW-020811	02-067-04	ND	0.050

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067
 Project: 215-2662-004

**AMMONIA (as Nitrogen)
 SM 4500-NH₃ F
 QUALITY CONTROL**

Date Analyzed: 2-16-11
 Matrix: Water
 Units: mg NH₃-N /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0216W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0216W1	4.43	5.00	89	85-99	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-066-02	ND				
Matrix Spike	4.45	5.00	89	81-103	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-066-02	ND	ND	NA	9	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-067
Project: 215-2662-004

**NITRATE (as Nitrogen)
EPA 353.2**

Date Analyzed: 2-9-11

Matrix: Water

Units: mg /L

Client ID	Lab ID	Result	PQL
WSP-MW-06-GW-020811	02-067-01	1.5	0.050
WSP-MW-07-GW-020811	02-067-02	12	0.25
WSP-MW-08-GW-020811	02-067-03	7.7	0.25
WSP-MW-09-GW-020811	02-067-04	14	0.25

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067
 Project: 215-2662-004

**NITRATE (as Nitrogen)
 EPA 353.2
 QUALITY CONTROL**

Date Analyzed: 2-9-11

Matrix: Water
 Units: mg /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0209W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0209W1	1.87	2.00	94	86-120	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-052-01	0.452				
Matrix Spike	2.55	2.00	105	84-123	

DUPLICATE QUALITY CONTROL

Lab ID	Result	Duplicate Result	RPD	Control Limit	Flag
02-052-01	0.452	0.451	0	11	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-067
Project: 215-2662-004

**ALKALINITY
SM 2320B**

Date Analyzed: 2-12-11
Matrix: Water
Units: mg CaCO₃/L

Client ID	Lab ID	Carbonate Alkalinity	Bicarbonate Concentration	PQL
WSP-MW-06-GW-020811	02-067-01	ND	150	20
WSP-MW-07-GW-020811	02-067-02	ND	190	20
WSP-MW-08-GW-020811	02-067-03	ND	250	20
WSP-MW-09-GW-020811	02-067-04	ND	200	20

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067
 Project: 215-2662-004

**ALKALINITY
 SM 2320B
 QUALITY CONTROL**

Date Analyzed: 2-12-11
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0212W1	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0212W1	98.0	100	98	70-130	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-070-02	96.0	98.0	2	8	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-067
Project: 215-2662-004

**TOTAL ALKALINITY
SM 2320B**

Date Analyzed: 2-12-11
Matrix: Water
Units: mg CaCO3/L

Client ID	Lab ID	Result	PQL
WSP-MW-06-GW-020811	02-067-01	150	20
WSP-MW-07-GW-020811	02-067-02	190	20
WSP-MW-08-GW-020811	02-067-03	250	20
WSP-MW-09-GW-020811	02-067-04	200	20

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067
 Project: 215-2662-004

**TOTAL ALKALINITY
 SM 2320B
 QUALITY CONTROL**

Date Analyzed: 2-12-11
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0212W1	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0212W1	98.0	100	98	90-114	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-070-02	96.0	98.0	2	8	

Date of Report: February 17, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-067
Project: 215-2662-004

SULFATE
ASTM D516-02

Date Analyzed: 2-11-11

Matrix: Water
Units: mg/L

Client ID	Lab ID	Result	PQL
WSP-MW-06-GW-020811	02-067-01	15	5.0
WSP-MW-07-GW-020811	02-067-02	34	10
WSP-MW-08-GW-020811	02-067-03	21	5.0
WSP-MW-09-GW-020811	02-067-04	30	10

Date of Report: February 17, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067
 Project: 215-2662-004

**SULFATE
 ASTM D516-02
 QUALITY CONTROL**

Date Analyzed: 2-11-11

Matrix: Water

Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0211W1	ND	5.0

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0211W1	10.4	10.0	104	89-114	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-037-01	10.3				
Matrix Spike	20.5	10.0	102	83-112	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-037-01	10.3	10.4	1	7	



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



M OnSite Environmental Inc.
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-3981 • www.onsite-env.com

Chain of Custody

Turnaround Request
 (In working days)
 (Check One)

Laboratory Number:

02-067

Same Day 1 Day

2 Days 3 Days

Standard (7 Days)
 (TPH analysis 5 Days)

(other)

Number of Containers

- NWTPH-HCID
- NWTPH-Gx/BTEX
- NWTPH-Gx
- NWTPH-Dx (Extract Only)
- Volatiles 8260B
- Halogenated Volatiles 8260B
- Semivolatiles 8270D/SIM (with low-level PAHs) (Extract Only)
- PAHs 8270D/SIM (low-level)
- PCBs 8082
- Organochlorine Pesticides 8081A
- Organophosphorus Pesticides 8270D/SIM
- Chlorinated Acid Herbicides 8151A
- Total RCRA / MTCA Metals (circle one)
- TCLP Metals
- HEM (oil and grease) 1664

% Moisture

Company: Parametrix

Project Number: 215-1662-C04

Project Name: WSP RIFES

Project Manager: Mike Mansfield

Sampled by: M. Burkett / K. Lindke

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Comments/Special Instructions
1	WSP-MW-010-GW-020811	↓	0820	GW	12	
2	WSP-MW-07-GW-020811	↓	0935		↓	
3	WSP-MW-08-GW-020811	↓	1045		↓	
4	WSP-MW-09-GW-020811	↓	1800		↓	
5	WSP-TB-020811	↓	-		3	

Signature

Company

Date

Time

Comments/Special Instructions

[Signature]

Parametrix

2/29/2011

15:00

1 Field Filtered: As, Cd, Cr, Hg, Pb, Cu, Mn
 2 Conventional: Na, Ca, NH₃, NO₃, Alk-C, Alk-19/
 T-Alk, SO₄

[Signature]

OSI

2/29/2011

15:30

Reviewed/Date

Reviewed/Date

Chromatograms with final report



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

April 5, 2011

Mike Warfel
Parametrix
1019 39th Avenue SE, Suite 100
Puyallup, WA 98374

Re: Analytical Data for Project 215-2662-004
Laboratory Reference No. 1102-067B

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on February 9, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: April 5, 2011
Samples Submitted: February 9, 2011
Laboratory Reference: 1102-067B
Project: 215-2662-004

Case Narrative

Samples were collected on February 8, 2011 and received by the laboratory on February 9, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Semivolatiles EPA 8270D/SIM Analysis

The extracts were analyzed three days out of the 40 days extract hold time.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067B
 Project: 215-2662-004

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-06-GW-020811					
Laboratory ID:	02-067-01					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-14-11	2-14-11	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	2-14-11	2-14-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	100	50-150				

Client ID:	WSP-MW-07-GW-020811					
Laboratory ID:	02-067-02					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-14-11	2-14-11	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	2-14-11	2-14-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	104	50-150				

Client ID:	WSP-MW-08-GW-020811					
Laboratory ID:	02-067-03					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-14-11	2-14-11	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	2-14-11	2-14-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	102	50-150				

Client ID:	WSP-MW-09-GW-020811					
Laboratory ID:	02-067-04					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-14-11	2-14-11	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	2-14-11	2-14-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	102	50-150				

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067B
 Project: 215-2662-004

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0214W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	2-14-11	2-14-11	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	2-14-11	2-14-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	97	50-150				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE						
Laboratory ID:	02-067-01					
	ORIG	DUP				
Diesel Range Organics	ND	ND		NA	NA	
Lube Oil Range Organics	ND	ND		NA	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			100 108	50-150		

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-06-GW-020811					
Laboratory ID:	02-067-01					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	2-15-11	3-30-11	
Pyridine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Phenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Chlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Benzyl alcohol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	2-15-11	3-30-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	2-15-11	3-30-11	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	2-15-11	3-30-11	
Hexachloroethane	ND	0.96	EPA 8270	2-15-11	3-30-11	
Nitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Isophorone	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dimethylphenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Naphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.6	EPA 8270	2-15-11	3-30-11	
Hexachlorobutadiene	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3-Dichloroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Chloronaphthalene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Dimethylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Acenaphthylene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067B
 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-06-GW-020811					
Laboratory ID:	02-067-01					
2,4-Dinitrophenol	ND	9.6	EPA 8270	2-15-11	3-30-11	
Acenaphthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Dibenzofuran	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
Diethylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
Fluorene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	2-15-11	3-30-11	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-30-11	
Hexachlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
Phenanthrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.96	EPA 8270	2-15-11	3-30-11	
Di-n-butylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Fluoranthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Pyrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis-2-Ethylhexyladipate	ND	0.96	EPA 8270	2-15-11	3-30-11	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Di-n-octylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>46</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>34</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>69</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>67</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>68</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>76</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067B
 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-07-GW-020811					
Laboratory ID:	02-067-02					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	2-15-11	3-30-11	
Pyridine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Phenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Chlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Benzyl alcohol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	2-15-11	3-30-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	2-15-11	3-30-11	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	2-15-11	3-30-11	
Hexachloroethane	ND	0.96	EPA 8270	2-15-11	3-30-11	
Nitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Isophorone	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dimethylphenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Naphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.6	EPA 8270	2-15-11	3-30-11	
Hexachlorobutadiene	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3-Dichloroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Chloronaphthalene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Dimethylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Acenaphthylene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067B
 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-07-GW-020811					
Laboratory ID:	02-067-02					
2,4-Dinitrophenol	ND	9.6	EPA 8270	2-15-11	3-30-11	
Acenaphthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Dibenzofuran	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
Diethylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
Fluorene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	2-15-11	3-30-11	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-30-11	
Hexachlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
Phenanthrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.96	EPA 8270	2-15-11	3-30-11	
Di-n-butylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Fluoranthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Pyrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis-2-Ethylhexyladipate	ND	0.96	EPA 8270	2-15-11	3-30-11	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Di-n-octylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>49</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>35</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>74</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>69</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>71</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>79</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067B
 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-08-GW-020811					
Laboratory ID:	02-067-03					
n-Nitrosodimethylamine	ND	0.95	EPA 8270	2-15-11	3-30-11	
Pyridine	ND	9.5	EPA 8270	2-15-11	3-30-11	
Phenol	ND	0.95	EPA 8270	2-15-11	3-30-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethyl)ether	ND	0.95	EPA 8270	2-15-11	3-30-11	
2-Chlorophenol	ND	0.95	EPA 8270	2-15-11	3-30-11	
1,3-Dichlorobenzene	ND	0.95	EPA 8270	2-15-11	3-30-11	
1,4-Dichlorobenzene	ND	0.95	EPA 8270	2-15-11	3-30-11	
Benzyl alcohol	ND	0.95	EPA 8270	2-15-11	3-30-11	
1,2-Dichlorobenzene	ND	0.95	EPA 8270	2-15-11	3-30-11	
2-Methylphenol (o-Cresol)	ND	0.95	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroisopropyl)ether	ND	0.95	EPA 8270	2-15-11	3-30-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.95	EPA 8270	2-15-11	3-30-11	
n-Nitroso-di-n-propylamine	ND	0.95	EPA 8270	2-15-11	3-30-11	
Hexachloroethane	ND	0.95	EPA 8270	2-15-11	3-30-11	
Nitrobenzene	ND	0.95	EPA 8270	2-15-11	3-30-11	
Isophorone	ND	0.95	EPA 8270	2-15-11	3-30-11	
2-Nitrophenol	ND	0.95	EPA 8270	2-15-11	3-30-11	
2,4-Dimethylphenol	ND	0.95	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethoxy)methane	ND	0.95	EPA 8270	2-15-11	3-30-11	
2,4-Dichlorophenol	ND	0.95	EPA 8270	2-15-11	3-30-11	
1,2,4-Trichlorobenzene	ND	0.95	EPA 8270	2-15-11	3-30-11	
Naphthalene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.5	EPA 8270	2-15-11	3-30-11	
Hexachlorobutadiene	ND	0.95	EPA 8270	2-15-11	3-30-11	
4-Chloro-3-methylphenol	ND	0.95	EPA 8270	2-15-11	3-30-11	
2-Methylnaphthalene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.95	EPA 8270	2-15-11	3-30-11	
2,4,6-Trichlorophenol	ND	0.95	EPA 8270	2-15-11	3-30-11	
2,3-Dichloroaniline	ND	0.95	EPA 8270	2-15-11	3-30-11	
2,4,5-Trichlorophenol	ND	0.95	EPA 8270	2-15-11	3-30-11	
2-Chloronaphthalene	ND	0.95	EPA 8270	2-15-11	3-30-11	
2-Nitroaniline	ND	0.95	EPA 8270	2-15-11	3-30-11	
1,4-Dinitrobenzene	ND	0.95	EPA 8270	2-15-11	3-30-11	
Dimethylphthalate	ND	0.95	EPA 8270	2-15-11	3-30-11	
1,3-Dinitrobenzene	ND	0.95	EPA 8270	2-15-11	3-30-11	
2,6-Dinitrotoluene	ND	0.95	EPA 8270	2-15-11	3-30-11	
1,2-Dinitrobenzene	ND	0.95	EPA 8270	2-15-11	3-30-11	
Acenaphthylene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.95	EPA 8270	2-15-11	3-30-11	

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-08-GW-020811					
Laboratory ID:	02-067-03					
2,4-Dinitrophenol	ND	9.5	EPA 8270	2-15-11	3-30-11	
Acenaphthene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.95	EPA 8270	2-15-11	3-30-11	
2,4-Dinitrotoluene	ND	0.95	EPA 8270	2-15-11	3-30-11	
Dibenzofuran	ND	0.95	EPA 8270	2-15-11	3-30-11	
2,3,5,6-Tetrachlorophenol	ND	0.95	EPA 8270	2-15-11	3-30-11	
2,3,4,6-Tetrachlorophenol	ND	0.95	EPA 8270	2-15-11	3-30-11	
Diethylphthalate	ND	0.95	EPA 8270	2-15-11	3-30-11	
4-Chlorophenyl-phenylether	ND	0.95	EPA 8270	2-15-11	3-30-11	
4-Nitroaniline	ND	0.95	EPA 8270	2-15-11	3-30-11	
Fluorene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
n-Nitrosodiphenylamine	ND	9.5	EPA 8270	2-15-11	3-30-11	
1,2-Diphenylhydrazine	ND	0.95	EPA 8270	2-15-11	3-30-11	
4-Bromophenyl-phenylether	ND	0.95	EPA 8270	2-15-11	3-30-11	
Hexachlorobenzene	ND	0.95	EPA 8270	2-15-11	3-30-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
Phenanthrene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.95	EPA 8270	2-15-11	3-30-11	
Di-n-butylphthalate	ND	0.95	EPA 8270	2-15-11	3-30-11	
Fluoranthene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.5	EPA 8270	2-15-11	3-30-11	
Pyrene	ND	0.095	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.95	EPA 8270	2-15-11	3-30-11	
bis-2-Ethylhexyladipate	ND	0.95	EPA 8270	2-15-11	3-30-11	
3,3'-Dichlorobenzidine	ND	9.5	EPA 8270	2-15-11	3-30-11	
Benzo[a]anthracene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.95	EPA 8270	2-15-11	3-30-11	
Di-n-octylphthalate	ND	0.95	EPA 8270	2-15-11	3-30-11	
Benzo[b]fluoranthene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0095	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>45</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>34</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>68</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>68</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>72</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>81</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-09-GW-020811					
Laboratory ID:	02-067-04					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	2-15-11	3-30-11	
Pyridine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Phenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Chlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Benzyl alcohol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	2-15-11	3-30-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	2-15-11	3-30-11	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	2-15-11	3-30-11	
Hexachloroethane	ND	0.96	EPA 8270	2-15-11	3-30-11	
Nitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Isophorone	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dimethylphenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Naphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.6	EPA 8270	2-15-11	3-30-11	
Hexachlorobutadiene	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3-Dichloroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Chloronaphthalene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Dimethylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Acenaphthylene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-09-GW-020811					
Laboratory ID:	02-067-04					
2,4-Dinitrophenol	ND	9.6	EPA 8270	2-15-11	3-30-11	
Acenaphthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Dibenzofuran	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
Diethylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
Fluorene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	2-15-11	3-30-11	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-30-11	
Hexachlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
Phenanthrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.96	EPA 8270	2-15-11	3-30-11	
Di-n-butylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Fluoranthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Pyrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis-2-Ethylhexyladipate	ND	0.96	EPA 8270	2-15-11	3-30-11	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Di-n-octylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>47</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>34</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>71</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>65</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>68</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>77</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067B
 Project: 215-2662-004

**SEMIVOLATILES by EPA 8270D/SIM
 METHOD BLANK QUALITY CONTROL**

page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0315W1					
n-Nitrosodimethylamine	ND	1.0	EPA 8270	2-15-11	3-30-11	
Pyridine	ND	10	EPA 8270	2-15-11	3-30-11	
Phenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
Aniline	ND	5.0	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethyl)ether	ND	1.0	EPA 8270	2-15-11	3-30-11	
2-Chlorophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
1,3-Dichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
1,4-Dichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
Benzyl alcohol	ND	1.0	EPA 8270	2-15-11	3-30-11	
1,2-Dichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
2-Methylphenol (o-Cresol)	ND	1.0	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroisopropyl)ether	ND	1.0	EPA 8270	2-15-11	3-30-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	1.0	EPA 8270	2-15-11	3-30-11	
n-Nitroso-di-n-propylamine	ND	1.0	EPA 8270	2-15-11	3-30-11	
Hexachloroethane	ND	1.0	EPA 8270	2-15-11	3-30-11	
Nitrobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
Isophorone	ND	1.0	EPA 8270	2-15-11	3-30-11	
2-Nitrophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,4-Dimethylphenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethoxy)methane	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,4-Dichlorophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
Naphthalene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	10	EPA 8270	2-15-11	3-30-11	
Hexachlorobutadiene	ND	1.0	EPA 8270	2-15-11	3-30-11	
4-Chloro-3-methylphenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
2-Methylnaphthalene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,4,6-Trichlorophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,3-Dichloroaniline	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,4,5-Trichlorophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
2-Chloronaphthalene	ND	1.0	EPA 8270	2-15-11	3-30-11	
2-Nitroaniline	ND	1.0	EPA 8270	2-15-11	3-30-11	
1,4-Dinitrobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
Dimethylphthalate	ND	1.0	EPA 8270	2-15-11	3-30-11	
1,3-Dinitrobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,6-Dinitrotoluene	ND	1.0	EPA 8270	2-15-11	3-30-11	
1,2-Dinitrobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
Acenaphthylene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	1.0	EPA 8270	2-15-11	3-30-11	

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0315W1					
2,4-Dinitrophenol	ND	10	EPA 8270	2-15-11	3-30-11	
Acenaphthene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,4-Dinitrotoluene	ND	1.0	EPA 8270	2-15-11	3-30-11	
Dibenzofuran	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,3,5,6-Tetrachlorophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,3,4,6-Tetrachlorophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
Diethylphthalate	ND	1.0	EPA 8270	2-15-11	3-30-11	
4-Chlorophenyl-phenylether	ND	1.0	EPA 8270	2-15-11	3-30-11	
4-Nitroaniline	ND	1.0	EPA 8270	2-15-11	3-30-11	
Fluorene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	5.0	EPA 8270	2-15-11	3-30-11	
n-Nitrosodiphenylamine	ND	10	EPA 8270	2-15-11	3-30-11	
1,2-Diphenylhydrazine	ND	1.0	EPA 8270	2-15-11	3-30-11	
4-Bromophenyl-phenylether	ND	1.0	EPA 8270	2-15-11	3-30-11	
Hexachlorobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
Pentachlorophenol	ND	5.0	EPA 8270	2-15-11	3-30-11	
Phenanthrene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	1.0	EPA 8270	2-15-11	3-30-11	
Di-n-butylphthalate	ND	1.0	EPA 8270	2-15-11	3-30-11	
Fluoranthene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	10	EPA 8270	2-15-11	3-30-11	
Pyrene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	1.0	EPA 8270	2-15-11	3-30-11	
bis-2-Ethylhexyladipate	ND	1.0	EPA 8270	2-15-11	3-30-11	
3,3'-Dichlorobenzidine	ND	10	EPA 8270	2-15-11	3-30-11	
Benzo[a]anthracene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	1.0	EPA 8270	2-15-11	3-30-11	
Di-n-octylphthalate	ND	1.0	EPA 8270	2-15-11	3-30-11	
Benzo[b]fluoranthene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	48	18 - 86				
Phenol-d6	37	10 - 88				
Nitrobenzene-d5	70	37 - 112				
2-Fluorobiphenyl	67	42 - 108				
2,4,6-Tribromophenol	74	39 - 118				
Terphenyl-d14	77	49 - 122				

Date of Report: April 5, 2011
 Samples Submitted: February 9, 2011
 Laboratory Reference: 1102-067B
 Project: 215-2662-004

**SEMIVOLATILES by EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	Limits	Limit		
SPIKE BLANKS										
Laboratory ID:	SB0315W1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	16.5	17.1	40.0	40.0	41	43	26 - 60	4	29	
2-Chlorophenol	29.8	30.8	40.0	40.0	75	77	46 - 104	3	34	
1,4-Dichlorobenzene	12.9	13.9	20.0	20.0	65	70	48 - 92	7	29	
n-Nitroso-di-n-propylamine	13.6	14.0	20.0	20.0	68	70	45 - 102	3	25	
1,2,4-Trichlorobenzene	12.5	12.9	20.0	20.0	63	65	47 - 91	3	25	
4-Chloro-3-methylphenol	31.0	31.7	40.0	40.0	78	79	61 - 104	2	18	
Acenaphthene	14.1	14.1	20.0	20.0	71	71	59 - 95	0	15	
4-Nitrophenol	20.3	20.4	40.0	40.0	51	51	21 - 75	0	33	
2,4-Dinitrotoluene	17.2	17.0	20.0	20.0	86	85	66 - 105	1	20	
Pentachlorophenol	29.6	30.8	40.0	40.0	74	77	48 - 119	4	31	
Pyrene	15.8	16.1	20.0	20.0	79	81	62 - 111	2	19	
<i>Surrogate:</i>										
2-Fluorophenol					49	52	18 - 86			
Phenol-d6					39	40	10 - 88			
Nitrobenzene-d5					73	75	37 - 112			
2-Fluorobiphenyl					69	70	42 - 108			
2,4,6-Tribromophenol					71	71	39 - 118			
Terphenyl-d14					78	80	49 - 122			



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference



Mn Onsite Environmental Inc.
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-3981 • www.onsite-env.com

Chain of Custody

Turnaround Request
(in working days)

(Check One)

- Same Day 1 Day
 2 Days 3 Days
 Standard (7 Days)
 (TPH analysis 5 Days)
 (other)

Laboratory Number:

02-067

Company: Parametric
 Project Number: 215-1469-CO4
 Project Name: WSP RIFES
 Project Manager: Mike Mansfield
 Sampled by: M. Baustian / K. Link

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	WSP-MW-01-GW-020811		0820	GW	12
2	WSP-MW-07-GW-020811		0935		
3	WSP-MW-08-GW-020811		1045		
4	WSP-MW-09-GW-020811		1200		
5	WSP-TB-020811				3

Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM with low-level PAHs	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	Diss. Metals ¹	Conventional ²	% Moisture
12				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>											

Signature	Company	Date	Time	Comments/Special Instructions
	Parametric	2/29/11	15:00	1 Field Filtered: As, Cd, Cr, Hg, Pb, Cu, Mn 2 Conventional: Mn, Cu, NH3, NO3, Alk-L, Alk-13/ T-alk, SO4 3 Requested 3/25/11. DB (STA)
	Parametric	2/29/11	15:00	
	Parametric	2/29/11	15:00	
	Parametric	2/29/11	15:00	
	Parametric	2/29/11	15:00	

Reviewed/Date: 10-23

Reviewed/Date: 10-23

Chromatograms with final report

Data Package: Level I Level IV Electronic Data Deliverables (EDDs) Excel



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

February 24, 2011

Mike Warfel
Parametrix
1019 39th Avenue SE, Suite 100
Puyallup, WA 98374

Re: Analytical Data for Project 215-2662-004
Laboratory Reference No. 1102-087

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on February 11, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: February 24, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-087
Project: 215-2662-004

Case Narrative

Samples were collected on February 9, 2011 and received by the laboratory on February 11, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

NWTPH-Gx

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-05-GW-020911					
Laboratory ID:	02-087-01					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	86	73-121				
Client ID:	WSP-MW-12-GW-020911					
Laboratory ID:	02-087-02					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	90	73-121				
Client ID:	WSP-MW-11-GW-020911					
Laboratory ID:	02-087-03					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	73-121				
Client ID:	WSP-MW-10-GW-020911					
Laboratory ID:	02-087-04					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	78	73-121				
Client ID:	WSP-EB-020911					
Laboratory ID:	02-087-05					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	83	73-121				
Client ID:	WSP-TB-020911					
Laboratory ID:	02-087-06					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	89	73-121				

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0211W2					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	78	73-121				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	02-087-02							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				90	87	73-121		

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

VOLATILES by EPA 8260B
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-05-GW-020911					
Laboratory ID:	02-087-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloromethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromomethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloroethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Acetone	ND	5.0	EPA 8260	2-15-11	2-15-11	
Iodomethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methylene Chloride	ND	1.0	EPA 8260	2-15-11	2-15-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-15-11	2-15-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Butanone	ND	5.0	EPA 8260	2-15-11	2-15-11	
Bromochloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloroform	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Benzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Trichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Dibromomethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-15-11	2-15-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-15-11	2-15-11	
Toluene	ND	1.0	EPA 8260	2-15-11	2-15-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-05-GW-020911					
Laboratory ID:	02-087-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Tetrachloroethene	1.5	0.20	EPA 8260	2-15-11	2-15-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Hexanone	ND	2.0	EPA 8260	2-15-11	2-15-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Ethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
m,p-Xylene	ND	0.40	EPA 8260	2-15-11	2-15-11	
o-Xylene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Styrene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromoform	ND	1.0	EPA 8260	2-15-11	2-15-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-15-11	2-15-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Naphthalene	ND	1.0	EPA 8260	2-15-11	2-15-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	98	68-107				
<i>Toluene-d8</i>	90	73-102				
<i>4-Bromofluorobenzene</i>	85	65-104				

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

VOLATILES by EPA 8260B
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-12-GW-020911					
Laboratory ID:	02-087-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloromethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromomethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloroethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Acetone	ND	5.0	EPA 8260	2-15-11	2-15-11	
Iodomethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methylene Chloride	ND	1.0	EPA 8260	2-15-11	2-15-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-15-11	2-15-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Butanone	ND	5.0	EPA 8260	2-15-11	2-15-11	
Bromochloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloroform	0.60	0.20	EPA 8260	2-15-11	2-15-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Benzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Trichloroethene	0.74	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Dibromomethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-15-11	2-15-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-15-11	2-15-11	
Toluene	ND	1.0	EPA 8260	2-15-11	2-15-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-12-GW-020911					
Laboratory ID:	02-087-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Tetrachloroethene	0.75	0.20	EPA 8260	2-15-11	2-15-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Hexanone	ND	2.0	EPA 8260	2-15-11	2-15-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Ethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
m,p-Xylene	ND	0.40	EPA 8260	2-15-11	2-15-11	
o-Xylene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Styrene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromoform	ND	1.0	EPA 8260	2-15-11	2-15-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-15-11	2-15-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Naphthalene	ND	1.0	EPA 8260	2-15-11	2-15-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>98</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>93</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>87</i>	<i>65-104</i>				

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

VOLATILES by EPA 8260B
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-11-GW-020911					
Laboratory ID:	02-087-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloromethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromomethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloroethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Acetone	ND	5.0	EPA 8260	2-15-11	2-15-11	
Iodomethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methylene Chloride	ND	1.0	EPA 8260	2-15-11	2-15-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-15-11	2-15-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Butanone	ND	5.0	EPA 8260	2-15-11	2-15-11	
Bromochloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloroform	1.1	0.20	EPA 8260	2-15-11	2-15-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Benzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Trichloroethene	0.59	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Dibromomethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-15-11	2-15-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-15-11	2-15-11	
Toluene	ND	1.0	EPA 8260	2-15-11	2-15-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-11-GW-020911					
Laboratory ID:	02-087-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Tetrachloroethene	0.92	0.20	EPA 8260	2-15-11	2-15-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Hexanone	ND	2.0	EPA 8260	2-15-11	2-15-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Ethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
m,p-Xylene	ND	0.40	EPA 8260	2-15-11	2-15-11	
o-Xylene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Styrene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromoform	ND	1.0	EPA 8260	2-15-11	2-15-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-15-11	2-15-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Naphthalene	ND	1.0	EPA 8260	2-15-11	2-15-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>94</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>88</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-104</i>				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-10-GW-020911					
Laboratory ID:	02-087-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloromethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromomethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloroethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Acetone	ND	5.0	EPA 8260	2-15-11	2-15-11	
Iodomethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methylene Chloride	ND	1.0	EPA 8260	2-15-11	2-15-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-15-11	2-15-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Butanone	ND	5.0	EPA 8260	2-15-11	2-15-11	
Bromochloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloroform	1.0	0.20	EPA 8260	2-15-11	2-15-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Benzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Trichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Dibromomethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-15-11	2-15-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-15-11	2-15-11	
Toluene	ND	1.0	EPA 8260	2-15-11	2-15-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-10-GW-020911					
Laboratory ID:	02-087-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Tetrachloroethene	0.25	0.20	EPA 8260	2-15-11	2-15-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Hexanone	ND	2.0	EPA 8260	2-15-11	2-15-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Ethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
m,p-Xylene	ND	0.40	EPA 8260	2-15-11	2-15-11	
o-Xylene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Styrene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromoform	ND	1.0	EPA 8260	2-15-11	2-15-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-15-11	2-15-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Naphthalene	ND	1.0	EPA 8260	2-15-11	2-15-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>93</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>87</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>82</i>	<i>65-104</i>				

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 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-EB-020911					
Laboratory ID:	02-087-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloromethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromomethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloroethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Acetone	ND	5.0	EPA 8260	2-15-11	2-15-11	
Iodomethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methylene Chloride	1.6	1.0	EPA 8260	2-15-11	2-15-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-15-11	2-15-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Butanone	ND	5.0	EPA 8260	2-15-11	2-15-11	
Bromochloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloroform	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Benzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Trichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Dibromomethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-15-11	2-15-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-15-11	2-15-11	
Toluene	ND	1.0	EPA 8260	2-15-11	2-15-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-EB-020911					
Laboratory ID:	02-087-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Hexanone	ND	2.0	EPA 8260	2-15-11	2-15-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Ethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
m,p-Xylene	ND	0.40	EPA 8260	2-15-11	2-15-11	
o-Xylene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Styrene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromoform	ND	1.0	EPA 8260	2-15-11	2-15-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-15-11	2-15-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Naphthalene	ND	1.0	EPA 8260	2-15-11	2-15-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	93	68-107				
<i>Toluene-d8</i>	86	73-102				
<i>4-Bromofluorobenzene</i>	82	65-104				

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 Samples Submitted: February 11, 2011
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 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-020911					
Laboratory ID:	02-087-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloromethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromomethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloroethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Acetone	ND	5.0	EPA 8260	2-15-11	2-15-11	
Iodomethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methylene Chloride	ND	1.0	EPA 8260	2-15-11	2-15-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-15-11	2-15-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Butanone	ND	5.0	EPA 8260	2-15-11	2-15-11	
Bromochloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloroform	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Benzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Trichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Dibromomethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-15-11	2-15-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-15-11	2-15-11	
Toluene	ND	1.0	EPA 8260	2-15-11	2-15-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-020911					
Laboratory ID:	02-087-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Hexanone	ND	2.0	EPA 8260	2-15-11	2-15-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Ethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
m,p-Xylene	ND	0.40	EPA 8260	2-15-11	2-15-11	
o-Xylene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Styrene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromoform	ND	1.0	EPA 8260	2-15-11	2-15-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-15-11	2-15-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Naphthalene	ND	1.0	EPA 8260	2-15-11	2-15-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	98	68-107				
<i>Toluene-d8</i>	93	73-102				
<i>4-Bromofluorobenzene</i>	86	65-104				

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0215W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloromethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromomethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloroethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Acetone	ND	5.0	EPA 8260	2-15-11	2-15-11	
Iodomethane	ND	1.0	EPA 8260	2-15-11	2-15-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methylene Chloride	ND	1.0	EPA 8260	2-15-11	2-15-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-15-11	2-15-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Butanone	ND	5.0	EPA 8260	2-15-11	2-15-11	
Bromochloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chloroform	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Benzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Trichloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Dibromomethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-15-11	2-15-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-15-11	2-15-11	
Toluene	ND	1.0	EPA 8260	2-15-11	2-15-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-15-11	2-15-11	

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0215W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Hexanone	ND	2.0	EPA 8260	2-15-11	2-15-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Chlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
Ethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
m,p-Xylene	ND	0.40	EPA 8260	2-15-11	2-15-11	
o-Xylene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Styrene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromoform	ND	1.0	EPA 8260	2-15-11	2-15-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Bromobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-15-11	2-15-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-15-11	2-15-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-15-11	2-15-11	
Naphthalene	ND	1.0	EPA 8260	2-15-11	2-15-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-15-11	2-15-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>96</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>95</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>89</i>	<i>65-104</i>				

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 Project: 215-2662-004

**VOLATILES by EPA 8260B
 MS/MSD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD	RPD	Flags
	MS	MSD	MS	MSD	Result	Recovery	Recovery	Limits	RPD		
MATRIX SPIKES											
Laboratory ID:	02-087-02										
1,1-Dichloroethene	9.13	9.09	10.0	10.0	ND	91	91	70-130	0	12	
Benzene	9.70	9.73	10.0	10.0	ND	97	97	84-123	0	11	
Trichloroethene	10.4	10.5	10.0	10.0	0.742	97	98	80-117	1	14	
Toluene	10.0	10.0	10.0	10.0	ND	100	100	87-115	0	12	
Chlorobenzene	10.1	10.2	10.0	10.0	ND	101	102	86-117	1	13	
<i>Surrogate:</i>											
Dibromofluoromethane						95	97	68-107			
Toluene-d8						93	92	73-102			
4-Bromofluorobenzene						85	83	65-104			

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	02-087-01					
Client ID:	WSP-MW-05-GW-020911					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	19000	1100	6010B		2-17-11	
Chromium	11	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-16-11	
Sodium	11000	1100	6010B		2-17-11	

Lab ID:	02-087-02					
Client ID:	WSP-MW-12-GW-020911					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	80000	1100	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-16-11	
Sodium	32000	1100	6010B		2-17-11	

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DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	02-087-03					
Client ID:	WSP-MW-11-GW-020911					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	82000	1100	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-16-11	
Sodium	61000	1100	6010B		2-17-11	

Lab ID:	02-087-04					
Client ID:	WSP-MW-10-GW-020911					
Arsenic	ND	3.0	200.8		2-15-11	
Cadmium	ND	4.0	200.8		2-15-11	
Calcium	73000	1100	6010B		2-17-11	
Chromium	ND	10	200.8		2-15-11	
Copper	ND	10	200.8		2-15-11	
Lead	ND	1.0	200.8		2-15-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-16-11	
Sodium	49000	1100	6010B		2-17-11	

Date of Report: February 24, 2011
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 Laboratory Reference: 1102-087
 Project: 215-2662-004

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 METHOD BLANK QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: MB0215D1&MB0216D2

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Cadmium	200.8	ND	4.0
Calcium	6010B	ND	1100
Chromium	200.8	ND	10
Copper	200.8	ND	10
Lead	200.8	ND	1.0
Manganese	6010B	ND	11
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: February 24, 2011
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 Laboratory Reference: 1102-087
 Project: 215-2662-004

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 02-087-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.0	
Cadmium	ND	ND	NA	4.0	
Calcium	80000	80400	0	1100	
Chromium	ND	ND	NA	10	
Copper	ND	ND	NA	10	
Lead	ND	ND	NA	1.0	
Manganese	ND	ND	NA	11	
Mercury	ND	ND	NA	0.50	
Sodium	32200	32300	0	1100	

Date of Report: February 24, 2011
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 Project: 215-2662-004

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 MS/MSD QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 02-087-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	218	109	215	108	1	
Cadmium	200	215	107	217	109	1	
Calcium	22000	102000	98	101000	94	1	
Chromium	200	183	92	179	90	2	
Copper	200	201	101	199	99	1	
Lead	200	211	105	213	106	1	
Manganese	4400	4270	97	4340	99	2	
Mercury	12.5	10.8	87	11.2	90	3	
Sodium	22000	52400	92	52900	94	1	

Date of Report: February 24, 2011
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Laboratory Reference: 1102-087
Project: 215-2662-004

**AMMONIA (as Nitrogen)
SM 4500-NH₃ F**

Date Analyzed: 2-16-11
Matrix: Water
Units: mg NH₃-N /L

Client ID	Lab ID	Result	PQL
WSP-MW-05-GW-020911	02-087-01	ND	0.050
WSP-MW-12-GW-020911	02-087-02	ND	0.050
WSP-MW-11-GW-020911	02-087-03	ND	0.050
WSP-MW-10-GW-020911	02-087-04	ND	0.050
WSP-EB-020911	02-087-05	ND	0.050

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

**AMMONIA (as Nitrogen)
 SM 4500-NH₃ F
 QUALITY CONTROL**

Date Analyzed: 2-16-11
 Matrix: Water
 Units: mg NH₃-N /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0216W2	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0216W2	4.53	5.00	91	85-99	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-087-02	ND				
Matrix Spike	4.60	5.00	92	81-103	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-087-02	ND	ND	NA	9	

Date of Report: February 24, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-087
Project: 215-2662-004

**NITRATE (as Nitrogen)
EPA 353.2**

Date Analyzed: 2-11-11

Matrix: Water

Units: mg /L

Client ID	Lab ID	Result	PQL
WSP-MW-05-GW-020911	02-087-01	1.9	0.050
WSP-MW-12-GW-020911	02-087-02	46	0.50
WSP-MW-11-GW-020911	02-087-03	18	0.25
WSP-MW-10-GW-020911	02-087-04	16	0.25
WSP-EB-020911	02-087-05	ND	0.050

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

**NITRATE (as Nitrogen)
 EPA 353.2
 QUALITY CONTROL**

Date Analyzed: 2-11-11

Matrix: Water
 Units: mg /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0211W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0211W1	1.86	2.00	93	86-120	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-087-02	46.0				
Matrix Spike	65.9	20.0	100	84-123	

DUPLICATE QUALITY CONTROL

Lab ID	Result	Duplicate Result	RPD	Control Limit	Flag
02-087-02	46.0	48.9	6	11	

Date of Report: February 24, 2011
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Laboratory Reference: 1102-087
Project: 215-2662-004

**ALKALINITY
SM 2320B**

Date Analyzed: 2-12-11

Matrix: Water

Units: mg CaCO₃/L

Client ID	Lab ID	Carbonate Alkalinity	Bicarbonate Concentration	PQL
WSP-MW-05-GW-020911	02-087-01	ND	300	20
WSP-MW-12-GW-020911	02-087-02	ND	280	20
WSP-MW-11-GW-020911	02-087-03	ND	250	20
WSP-MW-10-GW-020911	02-087-04	ND	290	20

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

**ALKALINITY
 SM 2320B
 QUALITY CONTROL**

Date Analyzed: 2-12-11
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0212W2	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0212W2	100	100	100	70-130	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-087-02	278	286	3	8	

Date of Report: February 24, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-087
Project: 215-2662-004

**TOTAL ALKALINITY
SM 2320B**

Date Analyzed: 2-12-11

Matrix: Water

Units: mg CaCO₃/L

Client ID	Lab ID	Result	PQL
WSP-MW-05-GW-020911	02-087-01	300	20
WSP-MW-12-GW-020911	02-087-02	280	20
WSP-MW-11-GW-020911	02-087-03	250	20
WSP-MW-10-GW-020911	02-087-04	290	20
WSP-EB-020911	02-087-05	ND	20

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

**TOTAL ALKALINITY
 SM 2320B
 QUALITY CONTROL**

Date Analyzed: 2-12-11
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0212W2	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0212W2	100	100	100	90-114	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-087-02	278	286	3	8	

Date of Report: February 24, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-087
Project: 215-2662-004

SULFATE
ASTM D516-02

Date Analyzed: 2-11-11

Matrix: Water

Units: mg/L

Client ID	Lab ID	Result	PQL
WSP-MW-05-GW-020911	02-087-01	6.8	5.0
WSP-MW-12-GW-020911	02-087-02	34	25
WSP-MW-11-GW-020911	02-087-03	59	25
WSP-MW-10-GW-020911	02-087-04	52	25
WSP-EB-020911	02-087-05	ND	5.0

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

**SULFATE
 ASTM D516-02
 QUALITY CONTROL**

Date Analyzed: 2-11-11

Matrix: Water

Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0211W3	ND	5.0

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0211W3	10.2	10.0	102	89-114	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-087-02	34.3				
Matrix Spike	85.1	50.0	102	83-112	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-087-02	34.3	33.7	2	7	

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

TOTAL METALS
EPA 6010B/200.8/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	02-087-05					
Client ID:	WSP-EB-020911					
Arsenic	ND	3.3	200.8	2-22-11	2-22-11	
Cadmium	ND	4.4	200.8	2-22-11	2-22-11	
Calcium	ND	1100	6010B	2-22-11	2-22-11	
Chromium	ND	11	200.8	2-22-11	2-22-11	
Copper	ND	11	200.8	2-22-11	2-22-11	
Lead	ND	1.1	200.8	2-22-11	2-22-11	
Manganese	ND	11	200.8	2-22-11	2-22-11	
Mercury	ND	0.50	7470A	2-16-11	2-16-11	
Sodium	ND	1100	6010B	2-22-11	2-22-11	

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

**TOTAL METALS
 EPA 6010B/200.8
 METHOD BLANK QUALITY CONTROL**

Date Extracted: 2-22-11
 Date Analyzed: 2-22-11
 Matrix: Water
 Units: ug/L (ppb)
 Lab ID: MB0222W1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.3
Cadmium	200.8	ND	4.4
Calcium	6010B	ND	1100
Chromium	200.8	ND	11
Copper	200.8	ND	11
Lead	200.8	ND	1.1
Manganese	200.8	ND	11
Sodium	6010B	ND	1100

Date of Report: February 24, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-087
Project: 215-2662-004

**TOTAL MERCURY
EPA 7471A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 2-16-11

Date Analyzed: 2-16-11

Matrix: Water

Units: ug/L (ppb)

Lab ID: MB0216W3

Analyte	Method	Result	PQL
Mercury	7470A	ND	0.50

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

**TOTAL METALS
 EPA 6010B/200.8
 DUPLICATE QUALITY CONTROL**

Date Extracted: 2-22-11

Date Analyzed: 2-22-11

Matrix: Water

Units: ug/L (ppb)

Lab ID: 02-087-05

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.3	
Cadmium	ND	ND	NA	4.4	
Calcium	ND	ND	NA	1100	
Chromium	ND	ND	NA	11	
Copper	ND	ND	NA	11	
Lead	ND	ND	NA	1.1	
Manganese	ND	ND	NA	11	
Sodium	ND	ND	NA	1100	

Date of Report: February 24, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-087
Project: 215-2662-004

**TOTAL MERCURY
EPA 7471A
DUPLICATE QUALITY CONTROL**

Date Extracted: 2-16-11

Date Analyzed: 2-16-11

Matrix: Water

Units: ug/L (ppb)

Lab ID: 02-070-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	ND	ND	NA	0.50	

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087
 Project: 215-2662-004

**TOTAL METALS
 EPA 6010B/200.8
 MS/MSD QUALITY CONTROL**

Date Extracted: 2-22-11

Date Analyzed: 2-22-11

Matrix: Water

Units: ug/L (ppb)

Lab ID: 02-087-05

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	108	98	105	96	2	
Cadmium	110	109	99	109	99	0	
Calcium	22000	22600	103	22700	103	0	
Chromium	110	107	98	106	96	1	
Copper	110	106	96	110	100	4	
Lead	110	108	98	101	92	7	
Manganese	110	107	97	106	96	1	
Sodium	22000	21600	98	21500	98	1	

Date of Report: February 24, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-087
Project: 215-2662-004

**TOTAL MERCURY
EPA 7471A
MS/MSD QUALITY CONTROL**

Date Extracted: 2-16-11

Date Analyzed: 2-16-11

Matrix: Water

Units: ug/L (ppb)

Lab ID: 02-070-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	12.5	11.3	90	11.5	92	2	



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

April 5, 2011

Mike Warfel
Parametrix
1019 39th Avenue SE, Suite 100
Puyallup, WA 98374

Re: Analytical Data for Project 215-2662-004
Laboratory Reference No. 1102-087B

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on February 11, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: April 5, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-087B
Project: 215-2662-004

Case Narrative

Samples were collected on February 9, 2011 and received by the laboratory on February 11, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Semivolatiles EPA 8270D/SIM Analysis

The extracts were analyzed three days out of the 40 days extract hold time.

Sample MS/MSD pair had one recovery fall outside of control limits. The SB/SBD pair extracted with this batch had all parameters in control, no further action was deemed necessary.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

NWTPH-Dx
 (with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-05-GW-020911					
Laboratory ID:	02-087-01					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-16-11	2-17-11	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	2-16-11	2-17-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	101	50-150				
Client ID:	WSP-MW-12-GW-020911					
Laboratory ID:	02-087-02					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-16-11	2-17-11	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	2-16-11	2-17-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	108	50-150				
Client ID:	WSP-MW-11-GW-020911					
Laboratory ID:	02-087-03					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-16-11	2-17-11	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	2-16-11	2-17-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	102	50-150				
Client ID:	WSP-MW-10-GW-020911					
Laboratory ID:	02-087-04					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-16-11	2-17-11	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	2-16-11	2-17-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	118	50-150				
Client ID:	WSP-EB-020911					
Laboratory ID:	02-087-05					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-16-11	2-17-11	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	2-16-11	2-17-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	107	50-150				

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0216W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	2-16-11	2-17-11	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	2-16-11	2-17-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	93	50-150				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE						
Laboratory ID:	02-087-02					
	ORIG	DUP				
Diesel Range Organics	ND	ND		NA	NA	
Lube Oil Range Organics	ND	ND		NA	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			108 120	50-150		

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-05-GW-020911					
Laboratory ID:	02-087-01					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	2-15-11	3-30-11	
Pyridine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Phenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Chlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Benzyl alcohol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	2-15-11	3-30-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	2-15-11	3-30-11	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	2-15-11	3-30-11	
Hexachloroethane	ND	0.96	EPA 8270	2-15-11	3-30-11	
Nitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Isophorone	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dimethylphenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Naphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.6	EPA 8270	2-15-11	3-30-11	
Hexachlorobutadiene	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3-Dichloroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Chloronaphthalene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Dimethylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Acenaphthylene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-05-GW-020911					
Laboratory ID:	02-087-01					
2,4-Dinitrophenol	ND	9.6	EPA 8270	2-15-11	3-30-11	
Acenaphthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Dibenzofuran	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
Diethylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
Fluorene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	2-15-11	3-30-11	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-30-11	
Hexachlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
Phenanthrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.96	EPA 8270	2-15-11	3-30-11	
Di-n-butylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Fluoranthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Pyrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis-2-Ethylhexyladipate	ND	0.96	EPA 8270	2-15-11	3-30-11	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Di-n-octylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>44</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>32</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>73</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>68</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>70</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>77</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-12-GW-020911					
Laboratory ID:	02-087-02					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	2-15-11	3-30-11	
Pyridine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Phenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Chlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Benzyl alcohol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	2-15-11	3-30-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	2-15-11	3-30-11	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	2-15-11	3-30-11	
Hexachloroethane	ND	0.96	EPA 8270	2-15-11	3-30-11	
Nitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Isophorone	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dimethylphenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Naphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.6	EPA 8270	2-15-11	3-30-11	
Hexachlorobutadiene	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3-Dichloroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Chloronaphthalene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Dimethylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Acenaphthylene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-12-GW-020911					
Laboratory ID:	02-087-02					
2,4-Dinitrophenol	ND	9.6	EPA 8270	2-15-11	3-30-11	
Acenaphthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Dibenzofuran	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
Diethylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
Fluorene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	2-15-11	3-30-11	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-30-11	
Hexachlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
Phenanthrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.96	EPA 8270	2-15-11	3-30-11	
Di-n-butylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Fluoranthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Pyrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis-2-Ethylhexyladipate	ND	0.96	EPA 8270	2-15-11	3-30-11	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Di-n-octylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>48</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>34</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>77</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>75</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>79</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>87</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-11-GW-020911					
Laboratory ID:	02-087-03					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	2-15-11	3-30-11	
Pyridine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Phenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Chlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Benzyl alcohol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	2-15-11	3-30-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	2-15-11	3-30-11	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	2-15-11	3-30-11	
Hexachloroethane	ND	0.96	EPA 8270	2-15-11	3-30-11	
Nitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Isophorone	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dimethylphenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Naphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.6	EPA 8270	2-15-11	3-30-11	
Hexachlorobutadiene	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3-Dichloroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Chloronaphthalene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Dimethylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Acenaphthylene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-11-GW-020911					
Laboratory ID:	02-087-03					
2,4-Dinitrophenol	ND	9.6	EPA 8270	2-15-11	3-30-11	
Acenaphthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Dibenzofuran	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
Diethylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
Fluorene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	2-15-11	3-30-11	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-30-11	
Hexachlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
Phenanthrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.96	EPA 8270	2-15-11	3-30-11	
Di-n-butylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Fluoranthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Pyrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis-2-Ethylhexyladipate	ND	0.96	EPA 8270	2-15-11	3-30-11	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Di-n-octylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>47</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>33</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>75</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>69</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>68</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>78</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-10-GW-020911					
Laboratory ID:	02-087-04					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	2-15-11	3-30-11	
Pyridine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Phenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Chlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Benzyl alcohol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	2-15-11	3-30-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	2-15-11	3-30-11	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	2-15-11	3-30-11	
Hexachloroethane	ND	0.96	EPA 8270	2-15-11	3-30-11	
Nitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Isophorone	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dimethylphenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Naphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.6	EPA 8270	2-15-11	3-30-11	
Hexachlorobutadiene	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3-Dichloroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Chloronaphthalene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Dimethylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-30-11	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Acenaphthylene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-10-GW-020911					
Laboratory ID:	02-087-04					
2,4-Dinitrophenol	ND	9.6	EPA 8270	2-15-11	3-30-11	
Acenaphthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Dibenzofuran	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-30-11	
Diethylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-30-11	
Fluorene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	2-15-11	3-30-11	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	2-15-11	3-30-11	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-30-11	
Hexachlorobenzene	ND	0.96	EPA 8270	2-15-11	3-30-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
Phenanthrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.96	EPA 8270	2-15-11	3-30-11	
Di-n-butylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Fluoranthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Pyrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
bis-2-Ethylhexyladipate	ND	0.96	EPA 8270	2-15-11	3-30-11	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	2-15-11	3-30-11	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Di-n-octylphthalate	ND	0.96	EPA 8270	2-15-11	3-30-11	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>54</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>39</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>82</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>74</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>74</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>80</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-EB-020911					
Laboratory ID:	02-087-05					
n-Nitrosodimethylamine	ND	0.97	EPA 8270	2-15-11	3-30-11	
Pyridine	ND	9.7	EPA 8270	2-15-11	3-30-11	
Phenol	ND	0.97	EPA 8270	2-15-11	3-30-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethyl)ether	ND	0.97	EPA 8270	2-15-11	3-30-11	
2-Chlorophenol	ND	0.97	EPA 8270	2-15-11	3-30-11	
1,3-Dichlorobenzene	ND	0.97	EPA 8270	2-15-11	3-30-11	
1,4-Dichlorobenzene	ND	0.97	EPA 8270	2-15-11	3-30-11	
Benzyl alcohol	ND	0.97	EPA 8270	2-15-11	3-30-11	
1,2-Dichlorobenzene	ND	0.97	EPA 8270	2-15-11	3-30-11	
2-Methylphenol (o-Cresol)	ND	0.97	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroisopropyl)ether	ND	0.97	EPA 8270	2-15-11	3-30-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.97	EPA 8270	2-15-11	3-30-11	
n-Nitroso-di-n-propylamine	ND	0.97	EPA 8270	2-15-11	3-30-11	
Hexachloroethane	ND	0.97	EPA 8270	2-15-11	3-30-11	
Nitrobenzene	ND	0.97	EPA 8270	2-15-11	3-30-11	
Isophorone	ND	0.97	EPA 8270	2-15-11	3-30-11	
2-Nitrophenol	ND	0.97	EPA 8270	2-15-11	3-30-11	
2,4-Dimethylphenol	ND	0.97	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethoxy)methane	ND	0.97	EPA 8270	2-15-11	3-30-11	
2,4-Dichlorophenol	ND	0.97	EPA 8270	2-15-11	3-30-11	
1,2,4-Trichlorobenzene	ND	0.97	EPA 8270	2-15-11	3-30-11	
Naphthalene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.7	EPA 8270	2-15-11	3-30-11	
Hexachlorobutadiene	ND	0.97	EPA 8270	2-15-11	3-30-11	
4-Chloro-3-methylphenol	ND	0.97	EPA 8270	2-15-11	3-30-11	
2-Methylnaphthalene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.97	EPA 8270	2-15-11	3-30-11	
2,4,6-Trichlorophenol	ND	0.97	EPA 8270	2-15-11	3-30-11	
2,3-Dichloroaniline	ND	0.97	EPA 8270	2-15-11	3-30-11	
2,4,5-Trichlorophenol	ND	0.97	EPA 8270	2-15-11	3-30-11	
2-Chloronaphthalene	ND	0.97	EPA 8270	2-15-11	3-30-11	
2-Nitroaniline	ND	0.97	EPA 8270	2-15-11	3-30-11	
1,4-Dinitrobenzene	ND	0.97	EPA 8270	2-15-11	3-30-11	
Dimethylphthalate	ND	0.97	EPA 8270	2-15-11	3-30-11	
1,3-Dinitrobenzene	ND	0.97	EPA 8270	2-15-11	3-30-11	
2,6-Dinitrotoluene	ND	0.97	EPA 8270	2-15-11	3-30-11	
1,2-Dinitrobenzene	ND	0.97	EPA 8270	2-15-11	3-30-11	
Acenaphthylene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.97	EPA 8270	2-15-11	3-30-11	

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-EB-020911					
Laboratory ID:	02-087-05					
2,4-Dinitrophenol	ND	9.7	EPA 8270	2-15-11	3-30-11	
Acenaphthene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.97	EPA 8270	2-15-11	3-30-11	
2,4-Dinitrotoluene	ND	0.97	EPA 8270	2-15-11	3-30-11	
Dibenzofuran	ND	0.97	EPA 8270	2-15-11	3-30-11	
2,3,5,6-Tetrachlorophenol	ND	0.97	EPA 8270	2-15-11	3-30-11	
2,3,4,6-Tetrachlorophenol	ND	0.97	EPA 8270	2-15-11	3-30-11	
Diethylphthalate	ND	0.97	EPA 8270	2-15-11	3-30-11	
4-Chlorophenyl-phenylether	ND	0.97	EPA 8270	2-15-11	3-30-11	
4-Nitroaniline	ND	0.97	EPA 8270	2-15-11	3-30-11	
Fluorene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
n-Nitrosodiphenylamine	ND	9.7	EPA 8270	2-15-11	3-30-11	
1,2-Diphenylhydrazine	ND	0.97	EPA 8270	2-15-11	3-30-11	
4-Bromophenyl-phenylether	ND	0.97	EPA 8270	2-15-11	3-30-11	
Hexachlorobenzene	ND	0.97	EPA 8270	2-15-11	3-30-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-30-11	
Phenanthrene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.97	EPA 8270	2-15-11	3-30-11	
Di-n-butylphthalate	ND	0.97	EPA 8270	2-15-11	3-30-11	
Fluoranthene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.7	EPA 8270	2-15-11	3-30-11	
Pyrene	ND	0.097	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.97	EPA 8270	2-15-11	3-30-11	
bis-2-Ethylhexyladipate	ND	0.97	EPA 8270	2-15-11	3-30-11	
3,3'-Dichlorobenzidine	ND	9.7	EPA 8270	2-15-11	3-30-11	
Benzo[a]anthracene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.97	EPA 8270	2-15-11	3-30-11	
Di-n-octylphthalate	ND	0.97	EPA 8270	2-15-11	3-30-11	
Benzo[b]fluoranthene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0097	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	50	18 - 86				
Phenol-d6	36	10 - 88				
Nitrobenzene-d5	75	37 - 112				
2-Fluorobiphenyl	66	42 - 108				
2,4,6-Tribromophenol	66	39 - 118				
Terphenyl-d14	74	49 - 122				

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0215W1					
n-Nitrosodimethylamine	ND	1.0	EPA 8270	2-15-11	3-29-11	
Pyridine	ND	10	EPA 8270	2-15-11	3-29-11	
Phenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
Aniline	ND	5.0	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethyl)ether	ND	1.0	EPA 8270	2-15-11	3-29-11	
2-Chlorophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
1,3-Dichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
1,4-Dichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
Benzyl alcohol	ND	1.0	EPA 8270	2-15-11	3-29-11	
1,2-Dichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
2-Methylphenol (o-Cresol)	ND	1.0	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroisopropyl)ether	ND	1.0	EPA 8270	2-15-11	3-29-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	1.0	EPA 8270	2-15-11	3-29-11	
n-Nitroso-di-n-propylamine	ND	1.0	EPA 8270	2-15-11	3-29-11	
Hexachloroethane	ND	1.0	EPA 8270	2-15-11	3-29-11	
Nitrobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
Isophorone	ND	1.0	EPA 8270	2-15-11	3-29-11	
2-Nitrophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,4-Dimethylphenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethoxy)methane	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,4-Dichlorophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
Naphthalene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	10	EPA 8270	2-15-11	3-29-11	
Hexachlorobutadiene	ND	1.0	EPA 8270	2-15-11	3-29-11	
4-Chloro-3-methylphenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
2-Methylnaphthalene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,4,6-Trichlorophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,3-Dichloroaniline	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,4,5-Trichlorophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
2-Chloronaphthalene	ND	1.0	EPA 8270	2-15-11	3-29-11	
2-Nitroaniline	ND	1.0	EPA 8270	2-15-11	3-29-11	
1,4-Dinitrobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
Dimethylphthalate	ND	1.0	EPA 8270	2-15-11	3-29-11	
1,3-Dinitrobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,6-Dinitrotoluene	ND	1.0	EPA 8270	2-15-11	3-29-11	
1,2-Dinitrobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
Acenaphthylene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	1.0	EPA 8270	2-15-11	3-29-11	

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0215W1					
2,4-Dinitrophenol	ND	10	EPA 8270	2-15-11	3-29-11	
Acenaphthene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,4-Dinitrotoluene	ND	1.0	EPA 8270	2-15-11	3-29-11	
Dibenzofuran	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,3,5,6-Tetrachlorophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
2,3,4,6-Tetrachlorophenol	ND	1.0	EPA 8270	2-15-11	3-29-11	
Diethylphthalate	ND	1.0	EPA 8270	2-15-11	3-29-11	
4-Chlorophenyl-phenylether	ND	1.0	EPA 8270	2-15-11	3-29-11	
4-Nitroaniline	ND	1.0	EPA 8270	2-15-11	3-29-11	
Fluorene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	5.0	EPA 8270	2-15-11	3-29-11	
n-Nitrosodiphenylamine	ND	10	EPA 8270	2-15-11	3-29-11	
1,2-Diphenylhydrazine	ND	1.0	EPA 8270	2-15-11	3-29-11	
4-Bromophenyl-phenylether	ND	1.0	EPA 8270	2-15-11	3-29-11	
Hexachlorobenzene	ND	1.0	EPA 8270	2-15-11	3-29-11	
Pentachlorophenol	ND	5.0	EPA 8270	2-15-11	3-29-11	
Phenanthrene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	1.0	EPA 8270	2-15-11	3-29-11	
Di-n-butylphthalate	ND	1.0	EPA 8270	2-15-11	3-29-11	
Fluoranthene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	10	EPA 8270	2-15-11	3-29-11	
Pyrene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	1.0	EPA 8270	2-15-11	3-29-11	
bis-2-Ethylhexyladipate	ND	1.0	EPA 8270	2-15-11	3-29-11	
3,3'-Dichlorobenzidine	ND	10	EPA 8270	2-15-11	3-29-11	
Benzo[a]anthracene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	1.0	EPA 8270	2-15-11	3-29-11	
Di-n-octylphthalate	ND	1.0	EPA 8270	2-15-11	3-29-11	
Benzo[b]fluoranthene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	54	18 - 86				
Phenol-d6	38	10 - 88				
Nitrobenzene-d5	80	37 - 112				
2-Fluorobiphenyl	74	42 - 108				
2,4,6-Tribromophenol	83	39 - 118				
Terphenyl-d14	80	49 - 122				

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

**SEMIVOLATILES by EPA 8270D/SIM
 MS/MSD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	02-087-02										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	13.3	12.1	38.6	38.2	ND	34	32	35 - 111	9	29	I,I
2-Chlorophenol	27.8	25.5	38.6	38.2	ND	72	67	47 - 100	9	24	
1,4-Dichlorobenzene	12.8	11.7	19.3	19.1	ND	66	61	43 - 92	9	33	
n-Nitroso-di-n-propylamine	12.8	11.5	19.3	19.1	ND	66	60	29 - 127	11	29	
1,2,4-Trichlorobenzene	11.9	11.2	19.3	19.1	ND	62	59	43 - 96	6	22	
4-Chloro-3-methylphenol	29.5	27.4	38.6	38.2	ND	76	72	64 - 109	7	21	
Acenaphthene	13.9	12.5	19.3	19.1	ND	72	65	61 - 104	11	18	
4-Nitrophenol	18.3	16.2	38.6	38.2	ND	47	42	19 - 121	12	28	
2,4-Dinitrotoluene	17.3	14.8	19.3	19.1	ND	90	77	54 - 110	16	23	
Pentachlorophenol	29.9	26.3	38.6	38.2	ND	77	69	29 - 143	13	30	
Pyrene	16.3	14.2	19.3	19.1	ND	84	74	63 - 117	14	14	
<i>Surrogate:</i>											
2-Fluorophenol						45	42	18 - 86			
Phenol-d6						32	30	10 - 88			
Nitrobenzene-d5						73	66	37 - 112			
2-Fluorobiphenyl						71	64	42 - 108			
2,4,6-Tribromophenol						72	64	39 - 118			
Terphenyl-d14						83	73	49 - 122			

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-087B
 Project: 215-2662-004

**SEMIVOLATILES by EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0215W1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	16.5	20.0	40.0	40.0	41	50	26 - 60	19	29	
2-Chlorophenol	32.9	37.3	40.0	40.0	82	93	46 - 104	13	34	
1,4-Dichlorobenzene	15.1	17.1	20.0	20.0	76	86	48 - 92	12	29	
n-Nitroso-di-n-propylamine	14.8	16.5	20.0	20.0	74	83	45 - 102	11	25	
1,2,4-Trichlorobenzene	14.3	16.2	20.0	20.0	72	81	47 - 91	12	25	
4-Chloro-3-methylphenol	33.8	36.1	40.0	40.0	85	90	61 - 104	7	18	
Acenaphthene	15.1	16.2	20.0	20.0	76	81	59 - 95	7	15	
4-Nitrophenol	21.3	24.1	40.0	40.0	53	60	21 - 75	12	33	
2,4-Dinitrotoluene	18.6	19.7	20.0	20.0	93	99	66 - 105	6	20	
Pentachlorophenol	34.2	35.7	40.0	40.0	86	89	48 - 119	4	31	
Pyrene	16.9	17.6	20.0	20.0	85	88	62 - 111	4	19	
<i>Surrogate:</i>										
2-Fluorophenol					55	65	18 - 86			
Phenol-d6					39	48	10 - 88			
Nitrobenzene-d5					82	89	37 - 112			
2-Fluorobiphenyl					75	81	42 - 108			
2,4,6-Tribromophenol					85	88	39 - 118			
Terphenyl-d14					84	87	49 - 122			



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference



Onsite Environmental Inc.
 14648 NE 95th Street • Hedmond, WA 98032
 Phone: (425) 883-3681 • www.onsite-env.com

Chain of Custody

Turnaround Request
 (in working days)

- (Check One)
- Same Day
 - 1 Day
 - 2 Days
 - 3 Days
 - Standard (7 Days)
 - (TPH analysis 5 Days)
 - (other)

Laboratory Number:

02-087

Company: Perconetrix

Project Number: 21N-2607-004

Project Name: WSP RIFES

Project Manager: Mike Hanford

Sampled by: M. Benton / M. Kinke

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Laboratory Number:	
						Date	Time
1	WSP-MM-05-GW-020911	4/9/11	0935	GW	12	NWTPH-HCID	
2	WSP-MM-12-GW-020911	1105			30	NWTPH-Gx/BTEX	
3	WSP-MM-11-GW-020911	1330			12	NWTPH-Gx	
4	WSP-MM-10-GW-020911	1440			12	NWTPH-Dx (Extract Only)	
5	WSP-EB-020911	1615			12	Volatiles 8260B	
6	WSP-TR3-020911				3	Halogenated Volatiles 8260B	
						Semivolatiles 8270D/SIM (with low-level PAHs) (Extract Only)	
						PAHs 8270D/SIM (low-level)	
						PCBs 8082	
						Organochlorine Pesticides 8081A	
						Organophosphorus Pesticides 8270D/SIM	
						Chlorinated Acid Herbicides 8151A	
						Total RCRA / MTCA Metals (circle one)	
						TCLP Metals	
						HEM (oil and grease) 1664	
						Diss. Metals ¹	
						Conventionals ²	
						TOTAL METALS*	
						% Moisture	

Comments/Special Instructions

1 Field filtered: As, Cd, Cr, Hg, Pb, Cu, Mn *

2 Conventional: Ni, Co, Ni, NO_x, Alk-C, Alk-B, TPAH, SO_x

MS/MSD on MM-12.

Total metals on Equipment Blank (not filtered)

⊗ Added 2/14/11. D3

Signature: [Handwritten Signature]

Company: Perconetrix

Date: 2/11/11

Time: 0855

Reviewed/Date: _____

Chromatograms with final report



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

February 24, 2011

Mike Warfel
Parametrix
1019 39th Avenue SE, Suite 100
Puyallup, WA 98374

Re: Analytical Data for Project 215-2662-004
Laboratory Reference No. 1102-088

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on February 11, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: February 24, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-088
Project: 215-2662-004

Case Narrative

Samples were collected on February 10, 2011 and received by the laboratory on February 11, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Nitrate EPA 353.2 Analysis

Sample SLF-MW-10-GW-021011 (02-088-01) was analyzed out of holding time.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

NWTPH-Gx

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-10-GW-021011					
Laboratory ID:	02-088-01					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	80	73-121				
Client ID:	SLF-MW-07-GW-021011					
Laboratory ID:	02-088-02					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	79	73-121				
Client ID:	SLF-MW-09-GW-021011					
Laboratory ID:	02-088-03					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	81	73-121				
Client ID:	SLF-TB-021011					
Laboratory ID:	02-088-04					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	84	73-121				

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0211W2					
Gasoline	ND	100	NWTPH-Gx	2-11-11	2-11-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	78	73-121				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	02-087-02							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
<i>Surrogate:</i>								
<i>Fluorobenzene</i>				90	87	73-121		

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

VOLATILES by EPA 8260B
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-10-GW-021011					
Laboratory ID:	02-088-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloromethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromomethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloroethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Acetone	ND	5.0	EPA 8260	2-14-11	2-14-11	
Iodomethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methylene Chloride	ND	1.0	EPA 8260	2-14-11	2-14-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-14-11	2-14-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Butanone	ND	5.0	EPA 8260	2-14-11	2-14-11	
Bromochloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloroform	1.5	0.20	EPA 8260	2-14-11	2-14-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Benzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Trichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Dibromomethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-14-11	2-14-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-14-11	2-14-11	
Toluene	ND	1.0	EPA 8260	2-14-11	2-14-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-10-GW-021011					
Laboratory ID:	02-088-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Tetrachloroethene	0.49	0.20	EPA 8260	2-14-11	2-14-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Hexanone	ND	2.0	EPA 8260	2-14-11	2-14-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Ethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
m,p-Xylene	ND	0.40	EPA 8260	2-14-11	2-14-11	
o-Xylene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Styrene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromoform	ND	1.0	EPA 8260	2-14-11	2-14-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-14-11	2-14-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Naphthalene	ND	1.0	EPA 8260	2-14-11	2-14-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>89</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>79</i>	<i>65-104</i>				

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

VOLATILES by EPA 8260B
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-07-GW-021011					
Laboratory ID:	02-088-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloromethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromomethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloroethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Acetone	ND	5.0	EPA 8260	2-14-11	2-14-11	
Iodomethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methylene Chloride	ND	1.0	EPA 8260	2-14-11	2-14-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-14-11	2-14-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Butanone	ND	5.0	EPA 8260	2-14-11	2-14-11	
Bromochloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloroform	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Benzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Trichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Dibromomethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-14-11	2-14-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-14-11	2-14-11	
Toluene	ND	1.0	EPA 8260	2-14-11	2-14-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-07-GW-021011					
Laboratory ID:	02-088-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Hexanone	ND	2.0	EPA 8260	2-14-11	2-14-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Ethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
m,p-Xylene	ND	0.40	EPA 8260	2-14-11	2-14-11	
o-Xylene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Styrene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromoform	ND	1.0	EPA 8260	2-14-11	2-14-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-14-11	2-14-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Naphthalene	ND	1.0	EPA 8260	2-14-11	2-14-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>97</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>91</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>81</i>	<i>65-104</i>				

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

VOLATILES by EPA 8260B
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-09-GW-021011					
Laboratory ID:	02-088-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloromethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromomethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloroethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Acetone	ND	5.0	EPA 8260	2-14-11	2-14-11	
Iodomethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methylene Chloride	ND	1.0	EPA 8260	2-14-11	2-14-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-14-11	2-14-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Butanone	ND	5.0	EPA 8260	2-14-11	2-14-11	
Bromochloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloroform	0.72	0.20	EPA 8260	2-14-11	2-14-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Benzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Trichloroethene	1.2	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Dibromomethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-14-11	2-14-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-14-11	2-14-11	
Toluene	ND	1.0	EPA 8260	2-14-11	2-14-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-09-GW-021011					
Laboratory ID:	02-088-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Tetrachloroethene	0.49	0.20	EPA 8260	2-14-11	2-14-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Hexanone	ND	2.0	EPA 8260	2-14-11	2-14-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Ethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
m,p-Xylene	ND	0.40	EPA 8260	2-14-11	2-14-11	
o-Xylene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Styrene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromoform	ND	1.0	EPA 8260	2-14-11	2-14-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-14-11	2-14-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Naphthalene	ND	1.0	EPA 8260	2-14-11	2-14-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>96</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>88</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-104</i>				

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

VOLATILES by EPA 8260B
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-TB-021011					
Laboratory ID:	02-088-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloromethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromomethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloroethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Acetone	ND	5.0	EPA 8260	2-14-11	2-14-11	
Iodomethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methylene Chloride	ND	1.0	EPA 8260	2-14-11	2-14-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-14-11	2-14-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Butanone	ND	5.0	EPA 8260	2-14-11	2-14-11	
Bromochloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloroform	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Benzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Trichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Dibromomethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-14-11	2-14-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-14-11	2-14-11	
Toluene	ND	1.0	EPA 8260	2-14-11	2-14-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-TB-021011					
Laboratory ID:	02-088-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Hexanone	ND	2.0	EPA 8260	2-14-11	2-14-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Ethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
m,p-Xylene	ND	0.40	EPA 8260	2-14-11	2-14-11	
o-Xylene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Styrene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromoform	ND	1.0	EPA 8260	2-14-11	2-14-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-14-11	2-14-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Naphthalene	ND	1.0	EPA 8260	2-14-11	2-14-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>97</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>89</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-104</i>				

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0214W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloromethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Vinyl Chloride	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromomethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloroethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Acetone	ND	5.0	EPA 8260	2-14-11	2-14-11	
Iodomethane	ND	1.0	EPA 8260	2-14-11	2-14-11	
Carbon Disulfide	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methylene Chloride	ND	1.0	EPA 8260	2-14-11	2-14-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Vinyl Acetate	ND	2.0	EPA 8260	2-14-11	2-14-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Butanone	ND	5.0	EPA 8260	2-14-11	2-14-11	
Bromochloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chloroform	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Benzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Trichloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Dibromomethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromodichloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	2-14-11	2-14-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	2-14-11	2-14-11	
Toluene	ND	1.0	EPA 8260	2-14-11	2-14-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	2-14-11	2-14-11	

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0214W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Tetrachloroethene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Hexanone	ND	2.0	EPA 8260	2-14-11	2-14-11	
Dibromochloromethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Chlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
Ethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
m,p-Xylene	ND	0.40	EPA 8260	2-14-11	2-14-11	
o-Xylene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Styrene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromoform	ND	1.0	EPA 8260	2-14-11	2-14-11	
Isopropylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Bromobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	2-14-11	2-14-11	
n-Propylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
2-Chlorotoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
4-Chlorotoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
tert-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
sec-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
n-Butylbenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	2-14-11	2-14-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	2-14-11	2-14-11	
Naphthalene	ND	1.0	EPA 8260	2-14-11	2-14-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	2-14-11	2-14-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>68-107</i>				
<i>Toluene-d8</i>	<i>96</i>	<i>73-102</i>				
<i>4-Bromofluorobenzene</i>	<i>87</i>	<i>65-104</i>				

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	RPD	Limit		
SPIKE BLANKS										
Laboratory ID:	SB0214W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	9.44	9.67	10.0	10.0	94	97	70-130	2	11	
Benzene	9.79	10.1	10.0	10.0	98	101	79-123	3	8	
Trichloroethene	9.68	9.82	10.0	10.0	97	98	82-113	1	9	
Toluene	9.85	10.1	10.0	10.0	99	101	84-113	3	8	
Chlorobenzene	9.93	10.2	10.0	10.0	99	102	89-111	3	8	
<i>Surrogate:</i>										
Dibromofluoromethane					97	98	68-107			
Toluene-d8					93	94	73-102			
4-Bromofluorobenzene					85	85	65-104			

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	02-088-01					
Client ID:	SLF-MW-10-GW-021011					
Arsenic	ND	3.0	200.8		2-16-11	
Cadmium	ND	4.0	200.8		2-16-11	
Calcium	45000	1100	6010B		2-17-11	
Chromium	ND	10	200.8		2-16-11	
Copper	ND	10	200.8		2-16-11	
Lead	ND	1.0	200.8		2-16-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-16-11	
Sodium	17000	1100	6010B		2-17-11	

Lab ID:	02-088-02					
Client ID:	SLF-MW-07-GW-021011					
Arsenic	ND	3.0	200.8		2-16-11	
Cadmium	ND	4.0	200.8		2-16-11	
Calcium	14000	1100	6010B		2-17-11	
Chromium	ND	10	200.8		2-16-11	
Copper	ND	10	200.8		2-16-11	
Lead	ND	1.0	200.8		2-16-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-16-11	
Sodium	6400	1100	6010B		2-17-11	

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	02-088-03					
Client ID:	SLF-MW-09-GW-021011					
Arsenic	ND	3.0	200.8		2-16-11	
Cadmium	ND	4.0	200.8		2-16-11	
Calcium	90000	1100	6010B		2-17-11	
Chromium	ND	10	200.8		2-16-11	
Copper	ND	10	200.8		2-16-11	
Lead	ND	1.0	200.8		2-16-11	
Manganese	ND	11	6010B		2-17-11	
Mercury	ND	0.50	7470A		2-16-11	
Sodium	35000	1100	6010B		2-17-11	

Date of Report: February 24, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-088
Project: 215-2662-004

**DISSOLVED METALS
EPA 200.8/6010B/7470A
METHOD BLANK QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11
Matrix: Water
Units: ug/L (ppb)
Lab ID: MB0215D1&MB0216D2

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Cadmium	200.8	ND	4.0
Calcium	6010B	ND	1100
Chromium	200.8	ND	10
Copper	200.8	ND	10
Lead	200.8	ND	1.0
Manganese	6010B	ND	11
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 02-087-02

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.0	
Cadmium	ND	ND	NA	4.0	
Calcium	80000	80400	0	1100	
Chromium	ND	ND	NA	10	
Copper	ND	ND	NA	10	
Lead	ND	ND	NA	1.0	
Manganese	ND	ND	NA	11	
Mercury	ND	ND	NA	0.50	
Sodium	32200	32300	0	1100	

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 MS/MSD QUALITY CONTROL**

Date Analyzed: 2-15,16&17-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 02-087-02

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	218	109	215	108	1	
Cadmium	200	215	107	217	109	1	
Calcium	22000	102000	98	101000	94	1	
Chromium	200	183	92	179	90	2	
Copper	200	201	101	199	99	1	
Lead	200	211	105	213	106	1	
Manganese	4400	4270	97	4340	99	2	
Mercury	12.5	10.8	87	11.2	90	3	
Sodium	22000	52400	92	52900	94	1	

Date of Report: February 24, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-088
Project: 215-2662-004

**AMMONIA (as Nitrogen)
SM 4500-NH₃ F**

Date Analyzed: 2-16-11
Matrix: Water
Units: mg NH₃-N /L

Client ID	Lab ID	Result	PQL
SLF-MW-10-GW-021011	02-088-01	ND	0.050
SLF-MW-07-GW-021011	02-088-02	ND	0.050
SLF-MW-09-GW-021011	02-088-03	ND	0.050

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

**AMMONIA (as Nitrogen)
 SM 4500-NH₃ F
 QUALITY CONTROL**

Date Analyzed: 2-16-11
 Matrix: Water
 Units: mg NH₃-N /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0216W2	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0216W2	4.53	5.00	91	85-99	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-087-02	ND				
Matrix Spike	4.60	5.00	92	81-103	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-087-02	ND	ND	NA	9	

Date of Report: February 24, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-088
Project: 215-2662-004

**NITRATE (as Nitrogen)
EPA 353.2**

Date Analyzed: 2-11-11

Matrix: Water

Units: mg /L

Client ID	Lab ID	Result	PQL
SLF-MW-10-GW-021011	02-088-01	6.8	0.10
SLF-MW-07-GW-021011	02-088-02	1.4	0.050
SLF-MW-09-GW-021011	02-088-03	12	0.25

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

**NITRATE (as Nitrogen)
 EPA 353.2
 QUALITY CONTROL**

Date Analyzed: 2-11-11

Matrix: Water
 Units: mg /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0211W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0211W1	1.86	2.00	93	86-120	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-087-02	46.0				
Matrix Spike	65.9	20.0	100	84-123	

DUPLICATE QUALITY CONTROL

Lab ID	Result	Duplicate Result	RPD	Control Limit	Flag
02-087-02	46.0	48.9	6	11	

Date of Report: February 24, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-088
Project: 215-2662-004

**ALKALINITY
SM 2320B**

Date Analyzed: 2-12-11

Matrix: Water

Units: mg CaCO₃/L

Client ID	Lab ID	Carbonate Alkalinity	Bicarbonate Concentration	PQL
SLF-MW-10-GW-021011	02-088-01	ND	150	20
SLF-MW-07-GW-021011	02-088-02	ND	74	20
SLF-MW-09-GW-021011	02-088-03	ND	320	20

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

**ALKALINITY
 SM 2320B
 QUALITY CONTROL**

Date Analyzed: 2-12-11
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0212W2	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0212W2	100	100	100	70-130	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-087-02	278	286	3	8	

Date of Report: February 24, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-088
Project: 215-2662-004

**TOTAL ALKALINITY
SM 2320B**

Date Analyzed: 2-12-11
Matrix: Water
Units: mg CaCO₃/L

Client ID	Lab ID	Result	PQL
SLF-MW-10-GW-021011	02-088-01	150	20
SLF-MW-07-GW-021011	02-088-02	74	20
SLF-MW-09-GW-021011	02-088-03	320	20

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

**TOTAL ALKALINITY
 SM 2320B
 QUALITY CONTROL**

Date Analyzed: 2-12-11
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0212W2	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0212W2	100	100	100	90-114	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-087-02	278	286	3	8	

Date of Report: February 24, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-088
Project: 215-2662-004

SULFATE
ASTM D516-02

Date Analyzed: 2-11-11

Matrix: Water
Units: mg/L

Client ID	Lab ID	Result	PQL
SLF-MW-10-GW-021011	02-088-01	24	5.0
SLF-MW-07-GW-021011	02-088-02	ND	5.0
SLF-MW-09-GW-021011	02-088-03	27	10

Date of Report: February 24, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088
 Project: 215-2662-004

**SULFATE
 ASTM D516-02
 QUALITY CONTROL**

Date Analyzed: 2-11-11

Matrix: Water

Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0211W3	ND	5.0

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0211W3	10.2	10.0	102	89-114	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
02-087-02	34.3				
Matrix Spike	85.1	50.0	102	83-112	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
02-087-02	34.3	33.7	2	7	



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference



MA OnSite Environmental Inc.
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-9881 • www.onsite-env.com

Chain of Custody

02-088

Company: **Parawetrix**
 Project Number: **210-1602-004**
 Project Name: **WSP RI/FS**
 Project Manager: **Mike Mandel**
 Sampled by: **M. Brator / M. Hinder**

Turnaround Request (in working days)
 (Check One)
 Same Day 1 Day
 2 Days 3 Days
 Standard (7 Days)
 (TPH analysis 5 Days)
 (other)

Lab ID	Sample Identification	Date		Matrix	Number of Containers	Laboratory Number:																		
		Sampled	Time Sampled			NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	Diss. Metals	Conventional's	% Moisture	
1	SLE-MM-10-GW-021011	2/14/11	0615	GW	12																			
2	SLE-MM-07-GW-021011	10/25		↓	↓																			
3	SLE-MM-09-GW-021011	11/25		↓	↓																			
4	SLE-TB-021011			↓	3																			
Signature		Company		Date	Time	Comments/Special Instructions																		
		Parawetrix		2/11/11	0855	1 Field filtered: As, Cd, Cr, Hg, Pb, Cu, Mn 2 Conventional's: Na, Ca, NH ₃ , NO ₃ , Alk-C, Alk-13/ T-Alk, SO ₄																		
Relinquished		Relinquished		Relinquished	Relinquished																			
Received		Received		Received	Received																			
Reviewed/Date		Reviewed/Date		Chromatograms with final report <input type="checkbox"/>																				



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

April 5, 2011

Mike Warfel
Parametrix
1019 39th Avenue SE, Suite 100
Puyallup, WA 98374

Re: Analytical Data for Project 215-2662-004
Laboratory Reference No. 1102-088B

Dear Mike:

Enclosed are the analytical results and associated quality control data for samples submitted on February 11, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: April 5, 2011
Samples Submitted: February 11, 2011
Laboratory Reference: 1102-088B
Project: 215-2662-004

Case Narrative

Samples were collected on February 10, 2011 and received by the laboratory on February 11, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Semivolatiles EPA 8270D/SIM Analysis

The extracts were analyzed two days out of the 40 days extract hold time.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088B
 Project: 215-2662-004

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-10-GW-021011					
Laboratory ID:	02-088-01					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-16-11	2-17-11	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	2-16-11	2-17-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	100	50-150				

Client ID:	SLF-MW-07-GW-021011					
Laboratory ID:	02-088-02					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-16-11	2-17-11	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	2-16-11	2-17-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	116	50-150				

Client ID:	SLF-MW-09-GW-021011					
Laboratory ID:	02-088-03					
Diesel Range Organics	ND	0.26	NWTPH-Dx	2-16-11	2-17-11	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	2-16-11	2-17-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	103	50-150				

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088B
 Project: 215-2662-004

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0216W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	2-16-11	2-17-11	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	2-16-11	2-17-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	93	50-150				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE						
Laboratory ID:	02-087-02					
	ORIG	DUP				
Diesel Range Organics	ND	ND		NA	NA	
Lube Oil Range Organics	ND	ND		NA	NA	
<i>Surrogate:</i>						
<i>o-Terphenyl</i>			108 120	50-150		

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-10-GW-021011					
Laboratory ID:	02-088-01					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	2-15-11	3-29-11	
Pyridine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Phenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Chlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Benzyl alcohol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	2-15-11	3-29-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	2-15-11	3-29-11	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	2-15-11	3-29-11	
Hexachloroethane	ND	0.96	EPA 8270	2-15-11	3-29-11	
Nitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Isophorone	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dimethylphenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Naphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.6	EPA 8270	2-15-11	3-29-11	
Hexachlorobutadiene	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3-Dichloroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Chloronaphthalene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Dimethylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Acenaphthylene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-10-GW-021011					
Laboratory ID:	02-088-01					
2,4-Dinitrophenol	ND	9.6	EPA 8270	2-15-11	3-29-11	
Acenaphthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Dibenzofuran	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
Diethylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
Fluorene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	2-15-11	3-29-11	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-29-11	
Hexachlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
Phenanthrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.96	EPA 8270	2-15-11	3-29-11	
Di-n-butylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Fluoranthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Pyrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis-2-Ethylhexyladipate	ND	0.96	EPA 8270	2-15-11	3-29-11	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Di-n-octylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>44</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>32</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>65</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>62</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>69</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>73</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-07-GW-021011					
Laboratory ID:	02-088-02					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	2-15-11	3-29-11	
Pyridine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Phenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Chlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Benzyl alcohol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	2-15-11	3-29-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	2-15-11	3-29-11	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	2-15-11	3-29-11	
Hexachloroethane	ND	0.96	EPA 8270	2-15-11	3-29-11	
Nitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Isophorone	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dimethylphenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Naphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.6	EPA 8270	2-15-11	3-29-11	
Hexachlorobutadiene	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3-Dichloroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Chloronaphthalene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Dimethylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Acenaphthylene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-07-GW-021011					
Laboratory ID:	02-088-02					
2,4-Dinitrophenol	ND	9.6	EPA 8270	2-15-11	3-29-11	
Acenaphthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Dibenzofuran	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
Diethylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
Fluorene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	2-15-11	3-29-11	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-29-11	
Hexachlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
Phenanthrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.96	EPA 8270	2-15-11	3-29-11	
Di-n-butylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Fluoranthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Pyrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis-2-Ethylhexyladipate	ND	0.96	EPA 8270	2-15-11	3-29-11	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Di-n-octylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>51</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>38</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>79</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>74</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>80</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>84</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-09-GW-021011					
Laboratory ID:	02-088-03					
n-Nitrosodimethylamine	ND	0.96	EPA 8270	2-15-11	3-29-11	
Pyridine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Phenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
Aniline	ND	4.8	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethyl)ether	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Chlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,3-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,4-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Benzyl alcohol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2-Dichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Methylphenol (o-Cresol)	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroisopropyl)ether	ND	0.96	EPA 8270	2-15-11	3-29-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	0.96	EPA 8270	2-15-11	3-29-11	
n-Nitroso-di-n-propylamine	ND	0.96	EPA 8270	2-15-11	3-29-11	
Hexachloroethane	ND	0.96	EPA 8270	2-15-11	3-29-11	
Nitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Isophorone	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dimethylphenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis(2-Chloroethoxy)methane	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2,4-Trichlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Naphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	9.6	EPA 8270	2-15-11	3-29-11	
Hexachlorobutadiene	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Chloro-3-methylphenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4,6-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3-Dichloroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4,5-Trichlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Chloronaphthalene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,4-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Dimethylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,3-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,6-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-29-11	
1,2-Dinitrobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Acenaphthylene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-09-GW-021011					
Laboratory ID:	02-088-03					
2,4-Dinitrophenol	ND	9.6	EPA 8270	2-15-11	3-29-11	
Acenaphthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,4-Dinitrotoluene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Dibenzofuran	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3,5,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
2,3,4,6-Tetrachlorophenol	ND	0.96	EPA 8270	2-15-11	3-29-11	
Diethylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Chlorophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Nitroaniline	ND	0.96	EPA 8270	2-15-11	3-29-11	
Fluorene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
n-Nitrosodiphenylamine	ND	9.6	EPA 8270	2-15-11	3-29-11	
1,2-Diphenylhydrazine	ND	0.96	EPA 8270	2-15-11	3-29-11	
4-Bromophenyl-phenylether	ND	0.96	EPA 8270	2-15-11	3-29-11	
Hexachlorobenzene	ND	0.96	EPA 8270	2-15-11	3-29-11	
Pentachlorophenol	ND	4.8	EPA 8270	2-15-11	3-29-11	
Phenanthrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	0.96	EPA 8270	2-15-11	3-29-11	
Di-n-butylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Fluoranthene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Pyrene	ND	0.096	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
bis-2-Ethylhexyladipate	ND	0.96	EPA 8270	2-15-11	3-29-11	
3,3'-Dichlorobenzidine	ND	9.6	EPA 8270	2-15-11	3-29-11	
Benzo[a]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Di-n-octylphthalate	ND	0.96	EPA 8270	2-15-11	3-29-11	
Benzo[b]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.0096	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>2-Fluorophenol</i>	<i>48</i>	<i>18 - 86</i>				
<i>Phenol-d6</i>	<i>35</i>	<i>10 - 88</i>				
<i>Nitrobenzene-d5</i>	<i>73</i>	<i>37 - 112</i>				
<i>2-Fluorobiphenyl</i>	<i>69</i>	<i>42 - 108</i>				
<i>2,4,6-Tribromophenol</i>	<i>78</i>	<i>39 - 118</i>				
<i>Terphenyl-d14</i>	<i>80</i>	<i>49 - 122</i>				

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0315W1					
n-Nitrosodimethylamine	ND	1.0	EPA 8270	2-15-11	3-30-11	
Pyridine	ND	10	EPA 8270	2-15-11	3-30-11	
Phenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
Aniline	ND	5.0	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethyl)ether	ND	1.0	EPA 8270	2-15-11	3-30-11	
2-Chlorophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
1,3-Dichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
1,4-Dichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
Benzyl alcohol	ND	1.0	EPA 8270	2-15-11	3-30-11	
1,2-Dichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
2-Methylphenol (o-Cresol)	ND	1.0	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroisopropyl)ether	ND	1.0	EPA 8270	2-15-11	3-30-11	
(3+4)-Methylphenol (m,p-Cresol)	ND	1.0	EPA 8270	2-15-11	3-30-11	
n-Nitroso-di-n-propylamine	ND	1.0	EPA 8270	2-15-11	3-30-11	
Hexachloroethane	ND	1.0	EPA 8270	2-15-11	3-30-11	
Nitrobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
Isophorone	ND	1.0	EPA 8270	2-15-11	3-30-11	
2-Nitrophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,4-Dimethylphenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
bis(2-Chloroethoxy)methane	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,4-Dichlorophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
Naphthalene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
4-Chloroaniline	ND	10	EPA 8270	2-15-11	3-30-11	
Hexachlorobutadiene	ND	1.0	EPA 8270	2-15-11	3-30-11	
4-Chloro-3-methylphenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
2-Methylnaphthalene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
1-Methylnaphthalene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Hexachlorocyclopentadiene	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,4,6-Trichlorophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,3-Dichloroaniline	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,4,5-Trichlorophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
2-Chloronaphthalene	ND	1.0	EPA 8270	2-15-11	3-30-11	
2-Nitroaniline	ND	1.0	EPA 8270	2-15-11	3-30-11	
1,4-Dinitrobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
Dimethylphthalate	ND	1.0	EPA 8270	2-15-11	3-30-11	
1,3-Dinitrobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,6-Dinitrotoluene	ND	1.0	EPA 8270	2-15-11	3-30-11	
1,2-Dinitrobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
Acenaphthylene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
3-Nitroaniline	ND	1.0	EPA 8270	2-15-11	3-30-11	

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088B
 Project: 215-2662-004

SEMIVOLATILES by EPA 8270D/SIM
METHOD BLANK QUALITY CONTROL
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0315W1					
2,4-Dinitrophenol	ND	10	EPA 8270	2-15-11	3-30-11	
Acenaphthene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
4-Nitrophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,4-Dinitrotoluene	ND	1.0	EPA 8270	2-15-11	3-30-11	
Dibenzofuran	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,3,5,6-Tetrachlorophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
2,3,4,6-Tetrachlorophenol	ND	1.0	EPA 8270	2-15-11	3-30-11	
Diethylphthalate	ND	1.0	EPA 8270	2-15-11	3-30-11	
4-Chlorophenyl-phenylether	ND	1.0	EPA 8270	2-15-11	3-30-11	
4-Nitroaniline	ND	1.0	EPA 8270	2-15-11	3-30-11	
Fluorene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
4,6-Dinitro-2-methylphenol	ND	5.0	EPA 8270	2-15-11	3-30-11	
n-Nitrosodiphenylamine	ND	10	EPA 8270	2-15-11	3-30-11	
1,2-Diphenylhydrazine	ND	1.0	EPA 8270	2-15-11	3-30-11	
4-Bromophenyl-phenylether	ND	1.0	EPA 8270	2-15-11	3-30-11	
Hexachlorobenzene	ND	1.0	EPA 8270	2-15-11	3-30-11	
Pentachlorophenol	ND	5.0	EPA 8270	2-15-11	3-30-11	
Phenanthrene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Anthracene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Carbazole	ND	1.0	EPA 8270	2-15-11	3-30-11	
Di-n-butylphthalate	ND	1.0	EPA 8270	2-15-11	3-30-11	
Fluoranthene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Benzidine	ND	10	EPA 8270	2-15-11	3-30-11	
Pyrene	ND	0.10	EPA 8270/SIM	2-15-11	4-1-11	
Butylbenzylphthalate	ND	1.0	EPA 8270	2-15-11	3-30-11	
bis-2-Ethylhexyladipate	ND	1.0	EPA 8270	2-15-11	3-30-11	
3,3'-Dichlorobenzidine	ND	10	EPA 8270	2-15-11	3-30-11	
Benzo[a]anthracene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Chrysene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
bis(2-Ethylhexyl)phthalate	ND	1.0	EPA 8270	2-15-11	3-30-11	
Di-n-octylphthalate	ND	1.0	EPA 8270	2-15-11	3-30-11	
Benzo[b]fluoranthene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[k]fluoranthene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[a]pyrene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Indeno[1,2,3-cd]pyrene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Dibenz[a,h]anthracene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
Benzo[g,h,i]perylene	ND	0.010	EPA 8270/SIM	2-15-11	4-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
2-Fluorophenol	48	18 - 86				
Phenol-d6	37	10 - 88				
Nitrobenzene-d5	70	37 - 112				
2-Fluorobiphenyl	67	42 - 108				
2,4,6-Tribromophenol	74	39 - 118				
Terphenyl-d14	77	49 - 122				

Date of Report: April 5, 2011
 Samples Submitted: February 11, 2011
 Laboratory Reference: 1102-088B
 Project: 215-2662-004

**SEMIVOLATILES by EPA 8270D/SIM
 SB/SBD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0315W1									
	SB	SBD	SB	SBD	SB	SBD				
Phenol	16.5	17.1	40.0	40.0	41	43	26 - 60	4	29	
2-Chlorophenol	29.8	30.8	40.0	40.0	75	77	46 - 104	3	34	
1,4-Dichlorobenzene	12.9	13.9	20.0	20.0	65	70	48 - 92	7	29	
n-Nitroso-di-n-propylamine	13.6	14.0	20.0	20.0	68	70	45 - 102	3	25	
1,2,4-Trichlorobenzene	12.5	12.9	20.0	20.0	63	65	47 - 91	3	25	
4-Chloro-3-methylphenol	31.0	31.7	40.0	40.0	78	79	61 - 104	2	18	
Acenaphthene	14.1	14.1	20.0	20.0	71	71	59 - 95	0	15	
4-Nitrophenol	20.3	20.4	40.0	40.0	51	51	21 - 75	0	33	
2,4-Dinitrotoluene	17.2	17.0	20.0	20.0	86	85	66 - 105	1	20	
Pentachlorophenol	29.6	30.8	40.0	40.0	74	77	48 - 119	4	31	
Pyrene	15.8	16.1	20.0	20.0	79	81	62 - 111	2	19	
<i>Surrogate:</i>										
2-Fluorophenol					49	52	18 - 86			
Phenol-d6					39	40	10 - 88			
Nitrobenzene-d5					73	75	37 - 112			
2-Fluorobiphenyl					69	70	42 - 108			
2,4,6-Tribromophenol					71	71	39 - 118			
Terphenyl-d14					78	80	49 - 122			



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



M OnSite Environmental Inc.
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

02-088

Turnaround Request
(in working days)
(Check One)

Same Day 1 Day
 2 Days 3 Days

Standard (7 Days)
(TPH analysis 5 Days)

(other)

Laboratory Number:

Company: **Panowitz**
 Project Number: **210-1462-004**
 Project Name: **WSP RIFES**
 Project Manager: **Mike Mandel**
 Sampled by: **N. Krator / N. Hinder**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	Laboratory Number:																		
1	SLE-MM-10-GW-021011	2/14/11	0845	GW	12	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA / MTCA Metals (circle one)	TCLP Metals	HEM (oil and grease) 1664	Diss. Metals ¹	Conventional ²	% Moisture	
2	SLE-MM-07-GW-021011	10/25	1125	GW	1																			
3	SLE-MM-09-GW-021011	11/25	1125	GW	1																			
4	SLE-TB-021011			SIM	3																			

Signature	Company	Date	Time	Comments/Special Instructions
	Panowitz	2/11/11	0855	1 Field Filtered: As, Cd, Cr, Hg, Pb, Cu, Mn 2 Conventional: Ni, Ca, NH ₃ , NO ₂ , Alk-C, Alk-13/ T-Alk, SO ₄
				Requested 3/25/11. DB (S7A)
Received				
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Reviewed/Date				

Data Package Level Level I Level II Level III Level IV Electronic Data Deliverables (EDDs) **Excluded**

Chromatograms with final report



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

June 30, 2011

Ken Fellows
Parametrix
1019 39th Avenue SE, Suite 100
Puyallup, WA 98374

Re: Analytical Data for Project 215-2662-004
Laboratory Reference No. 1106-179

Dear Ken:

Enclosed are the analytical results and associated quality control data for samples submitted on June 22, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: June 30, 2011
Samples Submitted: June 22, 2011
Laboratory Reference: 1106-179
Project: 215-2662-004

Case Narrative

Samples were collected on June 20 and 21, 2011 and received by the laboratory on June 22, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Nitrate EPA 353.2 Analysis

Sample WSP-MW-01-GW-062011 (06-179-01) was analyzed out of holding time.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

VOLATILES by EPA 8260B
 Page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-01-GW-062011					
Laboratory ID:	06-179-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloromethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Acetone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Iodomethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methylene Chloride	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-24-11	6-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Butanone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Bromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroform	0.24	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Benzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Trichloroethene	0.35	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Dibromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-24-11	6-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Toluene	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

VOLATILES by EPA 8260B
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-01-GW-062011					
Laboratory ID:	06-179-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Hexanone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Ethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
m,p-Xylene	ND	0.40	EPA 8260	6-24-11	6-24-11	
o-Xylene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Styrene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromoform	ND	1.0	EPA 8260	6-24-11	6-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Naphthalene	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>89</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>88</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>79</i>	<i>65-110</i>				

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

VOLATILES by EPA 8260B
 Page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-09-GW-062011					
Laboratory ID:	06-179-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloromethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Acetone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Iodomethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methylene Chloride	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-24-11	6-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Butanone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Bromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroform	0.79	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Benzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Trichloroethene	1.3	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Dibromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-24-11	6-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Toluene	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-09-GW-062011					
Laboratory ID:	06-179-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Tetrachloroethene	0.58	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Hexanone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Ethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
m,p-Xylene	ND	0.40	EPA 8260	6-24-11	6-24-11	
o-Xylene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Styrene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromoform	ND	1.0	EPA 8260	6-24-11	6-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Naphthalene	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>89</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-110</i>				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-02-GW-062011					
Laboratory ID:	06-179-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloromethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Acetone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Iodomethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methylene Chloride	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-24-11	6-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Butanone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Bromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroform	0.89	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Benzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Trichloroethene	2.3	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Dibromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-24-11	6-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Toluene	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-02-GW-062011					
Laboratory ID:	06-179-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Hexanone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Ethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
m,p-Xylene	ND	0.40	EPA 8260	6-24-11	6-24-11	
o-Xylene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Styrene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromoform	ND	1.0	EPA 8260	6-24-11	6-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Naphthalene	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>91</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>90</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>81</i>	<i>65-110</i>				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-03-GW-062011					
Laboratory ID:	06-179-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloromethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Acetone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Iodomethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methylene Chloride	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-24-11	6-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Butanone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Bromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroform	0.89	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Benzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Trichloroethene	1.6	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Dibromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-24-11	6-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Toluene	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-03-GW-062011					
Laboratory ID:	06-179-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Hexanone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Ethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
m,p-Xylene	ND	0.40	EPA 8260	6-24-11	6-24-11	
o-Xylene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Styrene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromoform	ND	1.0	EPA 8260	6-24-11	6-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Naphthalene	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>97</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>90</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>81</i>	<i>65-110</i>				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-14-GW-062011					
Laboratory ID:	06-179-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloromethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Acetone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Iodomethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methylene Chloride	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-24-11	6-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Butanone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Bromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroform	0.84	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Benzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Trichloroethene	0.73	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Dibromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-24-11	6-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Toluene	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	

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 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-14-GW-062011					
Laboratory ID:	06-179-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Tetrachloroethene	0.93	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Hexanone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Ethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
m,p-Xylene	ND	0.40	EPA 8260	6-24-11	6-24-11	
o-Xylene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Styrene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromoform	ND	1.0	EPA 8260	6-24-11	6-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Naphthalene	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>95</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>89</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>79</i>	<i>65-110</i>				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-06-GW-062111					
Laboratory ID:	06-179-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloromethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Acetone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Iodomethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methylene Chloride	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-24-11	6-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Butanone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Bromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroform	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Benzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Trichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Dibromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-24-11	6-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Toluene	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-06-GW-062111					
Laboratory ID:	06-179-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Hexanone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Ethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
m,p-Xylene	ND	0.40	EPA 8260	6-24-11	6-24-11	
o-Xylene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Styrene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromoform	ND	1.0	EPA 8260	6-24-11	6-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Naphthalene	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>94</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>89</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>82</i>	<i>65-110</i>				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-07-GW-062111					
Laboratory ID:	06-179-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloromethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Acetone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Iodomethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methylene Chloride	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-24-11	6-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Butanone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Bromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroform	2.6	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Benzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Trichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Dibromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-24-11	6-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Toluene	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-07-GW-062111					
Laboratory ID:	06-179-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Hexanone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Ethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
m,p-Xylene	ND	0.40	EPA 8260	6-24-11	6-24-11	
o-Xylene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Styrene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromoform	ND	1.0	EPA 8260	6-24-11	6-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Naphthalene	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>95</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>89</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>82</i>	<i>65-110</i>				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-08-GW-062111					
Laboratory ID:	06-179-08					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloromethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Acetone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Iodomethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methylene Chloride	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-24-11	6-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Butanone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Bromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroform	1.7	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Benzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Trichloroethene	2.3	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Dibromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-24-11	6-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Toluene	1.1	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-08-GW-062111					
Laboratory ID:	06-179-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Hexanone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Ethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
m,p-Xylene	ND	0.40	EPA 8260	6-24-11	6-24-11	
o-Xylene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Styrene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromoform	ND	1.0	EPA 8260	6-24-11	6-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Naphthalene	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>96</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>90</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-110</i>				

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
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 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-13-GW-062111					
Laboratory ID:	06-179-09					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloromethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Acetone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Iodomethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methylene Chloride	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-24-11	6-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Butanone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Bromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroform	1.6	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Benzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Trichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Dibromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-24-11	6-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Toluene	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-13-GW-062111					
Laboratory ID:	06-179-09					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Tetrachloroethene	0.25	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Hexanone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Ethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
m,p-Xylene	ND	0.40	EPA 8260	6-24-11	6-24-11	
o-Xylene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Styrene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromoform	ND	1.0	EPA 8260	6-24-11	6-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Naphthalene	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>95</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>90</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-110</i>				

Date of Report: June 30, 2011
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 Project: 215-2662-004

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-DUP-GW-062111					
Laboratory ID:	06-179-10					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloromethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Acetone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Iodomethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methylene Chloride	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-24-11	6-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Butanone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Bromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroform	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Benzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Trichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Dibromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-24-11	6-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Toluene	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-DUP-GW-062111					
Laboratory ID:	06-179-10					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Hexanone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Ethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
m,p-Xylene	ND	0.40	EPA 8260	6-24-11	6-24-11	
o-Xylene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Styrene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromoform	ND	1.0	EPA 8260	6-24-11	6-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Naphthalene	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>94</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>90</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>82</i>	<i>65-110</i>				

Date of Report: June 30, 2011
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-062011					
Laboratory ID:	06-179-11					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloromethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Acetone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Iodomethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methylene Chloride	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-24-11	6-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Butanone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Bromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroform	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Benzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Trichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Dibromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-24-11	6-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Toluene	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-062011					
Laboratory ID:	06-179-11					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Hexanone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Ethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
m,p-Xylene	ND	0.40	EPA 8260	6-24-11	6-24-11	
o-Xylene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Styrene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromoform	ND	1.0	EPA 8260	6-24-11	6-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Naphthalene	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>92</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>87</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>82</i>	<i>65-110</i>				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-062111					
Laboratory ID:	06-179-12					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloromethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Acetone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Iodomethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methylene Chloride	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-24-11	6-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Butanone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Bromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroform	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Benzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Trichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Dibromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-24-11	6-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Toluene	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-062111					
Laboratory ID:	06-179-12					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Hexanone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Ethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
m,p-Xylene	ND	0.40	EPA 8260	6-24-11	6-24-11	
o-Xylene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Styrene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromoform	ND	1.0	EPA 8260	6-24-11	6-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Naphthalene	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>92</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>88</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>78</i>	<i>65-110</i>				

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 Project: 215-2662-004

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0624W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloromethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Acetone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Iodomethane	ND	1.0	EPA 8260	6-24-11	6-24-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methylene Chloride	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-24-11	6-24-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Butanone	ND	5.0	EPA 8260	6-24-11	6-24-11	
Bromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chloroform	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Benzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Trichloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Dibromomethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-24-11	6-24-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Toluene	ND	1.0	EPA 8260	6-24-11	6-24-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-24-11	6-24-11	

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0624W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Hexanone	ND	2.0	EPA 8260	6-24-11	6-24-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Chlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
Ethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
m,p-Xylene	ND	0.40	EPA 8260	6-24-11	6-24-11	
o-Xylene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Styrene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromoform	ND	1.0	EPA 8260	6-24-11	6-24-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Bromobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-24-11	6-24-11	
Naphthalene	ND	1.0	EPA 8260	6-24-11	6-24-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-24-11	6-24-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>87</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>83</i>	<i>65-110</i>				

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 Project: 215-2662-004

**VOLATILES by EPA 8260B
 MS/MSD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Source	Percent		Recovery		RPD	Flags
					Result	Recovery	Limits	RPD	Limit		
MATRIX SPIKES											
Laboratory ID:	06-179-03										
	MS	MSD	MS	MSD		MS	MSD				
1,1-Dichloroethene	9.05	8.86	10.0	10.0	ND	91	89	70-130	2	12	
Benzene	9.78	9.72	10.0	10.0	ND	98	97	75-123	1	11	
Trichloroethene	12.0	11.7	10.0	10.0	2.25	98	95	80-117	3	14	
Toluene	10.2	10.1	10.0	10.0	ND	102	101	80-115	1	12	
Chlorobenzene	10.4	10.0	10.0	10.0	ND	104	100	80-117	4	13	
<i>Surrogate:</i>											
Dibromofluoromethane						90	95	68-110			
Toluene-d8						87	88	73-110			
4-Bromofluorobenzene						80	82	65-110			

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	06-179-01					
Client ID:	WSP-MW-01-GW-062011					
Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	130000	1100	6010B		6-24-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	ND	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		6-27-11	
Sodium	25000	1100	6010B		6-24-11	

Lab ID:	06-179-02					
Client ID:	WSP-MW-09-GW-062011					
Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	56000	1100	6010B		6-24-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	ND	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		6-27-11	
Sodium	15000	1100	6010B		6-24-11	

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DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	06-179-03					
Client ID:	WSP-MW-02-GW-062011					
Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	71000	1100	6010B		6-24-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	ND	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		6-27-11	
Sodium	20000	1100	6010B		6-24-11	

Lab ID: 06-179-04
Client ID: WSP-MW-03-GW-062011

Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	64000	1100	6010B		6-24-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	ND	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		6-27-11	
Sodium	13000	1100	6010B		6-24-11	

Date of Report: June 30, 2011
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DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	06-179-05					
Client ID:	WSP-MW-14-GW-062011					
Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	92000	1100	6010B		6-24-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	ND	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		6-27-11	
Sodium	34000	1100	6010B		6-24-11	

Lab ID: 06-179-06
Client ID: WSP-MW-06-GW-062111

Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	24000	1100	6010B		6-24-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	420	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		6-27-11	
Sodium	18000	1100	6010B		6-24-11	

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	06-179-07					
Client ID:	WSP-MW-07-GW-062111					
Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	60000	1100	6010B		6-24-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	ND	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		6-27-11	
Sodium	33000	1100	6010B		6-24-11	

Lab ID:	06-179-08					
Client ID:	WSP-MW-08-GW-062111					
Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	59000	1100	6010B		6-24-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	ND	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		6-27-11	
Sodium	21000	1100	6010B		6-24-11	

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date	Date	Flags
				Prepared	Analyzed	
Lab ID:	06-179-09					
Client ID:	WSP-MW-13-GW-062111					
Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	54000	1100	6010B		6-24-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	ND	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		6-27-11	
Sodium	37000	1100	6010B		6-24-11	

Lab ID: 06-179-10
Client ID: WSP-MW-DUP-GW-062111

Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	25000	1100	6010B		6-24-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	450	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		6-27-11	
Sodium	18000	1100	6010B		6-24-11	

Date of Report: June 30, 2011
Samples Submitted: June 22, 2011
Laboratory Reference: 1106-179
Project: 215-2662-004

**DISSOLVED METALS
EPA 200.8/6010B/7470A
METHOD BLANK QUALITY CONTROL**

Date Analyzed: 06-24,27&28-11
Matrix: Water
Units: ug/L (ppb)
Lab ID: MB0624D1,MB0627D1,MB0628D1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Cadmium	200.8	ND	4.0
Calcium	6010B	ND	1100
Chromium	200.8	ND	10
Copper	200.8	ND	10
Lead	200.8	ND	1.0
Manganese	200.8	ND	10
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Analyzed: 06-24,27&28-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 06-179-03

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.0	
Cadmium	ND	ND	NA	4.0	
Calcium	70900	71400	1	1100	
Chromium	ND	ND	NA	10	
Copper	ND	ND	NA	10	
Lead	ND	ND	NA	1.0	
Manganese	ND	ND	NA	10	
Mercury	ND	ND	NA	0.5	
Sodium	20400	20500	1	1100	

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

**DISSOLVED METALS
 EPA 200.8/6010B/7470A
 MS/MSD QUALITY CONTROL**

Date Analyzed: 06-24,27&28-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 06-179-03

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	216	108	214	107	1	
Cadmium	200	200	100	199	99	0	
Calcium	22000	90100	87	93300	102	4	
Chromium	200	186	93	192	96	3	
Copper	200	190	95	188	94	1	
Lead	200	198	99	198	99	0	
Manganese	200	180	90	188	94	5	
Mercury	12.5	9.76	78	10.2	81	4	
Sodium	22000	39900	89	44000	107	10	

Date of Report: June 30, 2011
Samples Submitted: June 22, 2011
Laboratory Reference: 1106-179
Project: 215-2662-004

**AMMONIA (as Nitrogen)
SM 4500-NH₃ F**

Date Analyzed: 6-24-11

Matrix: Water

Units: mg NH₃-N /L

Client ID	Lab ID	Result	PQL
WSP-MW-01-GW-062011	06-179-01	0.70	0.050
WSP-MW-09-GW-062011	06-179-02	0.30	0.050
WSP-MW-02-GW-062011	06-179-03	0.34	0.050
WSP-MW-03-GW-062011	06-179-04	0.25	0.050
WSP-MW-14-GW-062011	06-179-05	0.23	0.050
WSP-MW-06-GW-062111	06-179-06	0.19	0.050
WSP-MW-07-GW-062111	06-179-07	0.19	0.050
WSP-MW-08-GW-062111	06-179-08	0.20	0.050
WSP-MW-13-GW-062111	06-179-09	0.25	0.050
WSP-MW-DUP-GW-062111	06-179-10	0.19	0.050

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

**AMMONIA (as Nitrogen)
 SM 4500-NH₃ F
 QUALITY CONTROL**

Date Analyzed: 6-24-11

Matrix: Water

Units: mg NH₃-N /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0624W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0624W1	4.62	5.00	92	85-99	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
06-179-03	0.342				
Matrix Spike	4.82	5.00	90	81-103	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
06-179-03	0.342	0.367	7	9	

Date of Report: June 30, 2011
Samples Submitted: June 22, 2011
Laboratory Reference: 1106-179
Project: 215-2662-004

**NITRATE (as Nitrogen)
EPA 353.2**

Date Analyzed: 6-23-11

Matrix: Water

Units: mg /L

Client ID	Lab ID	Result	PQL
WSP-MW-01-GW-062011	06-179-01	22	0.25
WSP-MW-09-GW-062011	06-179-02	9.4	0.25
WSP-MW-02-GW-062011	06-179-03	15	0.50
WSP-MW-03-GW-062011	06-179-04	24	0.25
WSP-MW-14-GW-062011	06-179-05	22	0.25
WSP-MW-06-GW-062111	06-179-06	2.0	0.050
WSP-MW-07-GW-062111	06-179-07	18	0.25
WSP-MW-08-GW-062111	06-179-08	7.2	0.10
WSP-MW-13-GW-062111	06-179-09	16	0.25
WSP-MW-DUP-GW-062111	06-179-10	2.3	0.050

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

**NITRATE (as Nitrogen)
 EPA 353.2
 QUALITY CONTROL**

Date Analyzed: 6-23-11

Matrix: Water
 Units: mg /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0623W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0623W1	2.00	2.00	100	86-120	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
06-179-03	15.3				
Matrix Spike	35.8	20.0	103	84-123	

DUPLICATE QUALITY CONTROL

Lab ID	Result	Duplicate Result	RPD	Control Limit	Flag
06-179-03	15.3	16.2	6	11	

Date of Report: June 30, 2011
Samples Submitted: June 22, 2011
Laboratory Reference: 1106-179
Project: 215-2662-004

SULFATE
ASTM D516-02

Date Analyzed: 6-28-11

Matrix: Water

Units: mg/L

Client ID	Lab ID	Result	PQL
WSP-MW-01-GW-062011	06-179-01	72	25
WSP-MW-09-GW-062011	06-179-02	17	10
WSP-MW-02-GW-062011	06-179-03	23	10
WSP-MW-03-GW-062011	06-179-04	24	5.0
WSP-MW-14-GW-062011	06-179-05	53	25
WSP-MW-06-GW-062111	06-179-06	13	5.0
WSP-MW-07-GW-062111	06-179-07	47	10
WSP-MW-08-GW-062111	06-179-08	23	10
WSP-MW-13-GW-062111	06-179-09	36	10
WSP-MW-DUP-GW-062111	06-179-10	13	5.0

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

**SULFATE
 ASTM D516-02
 QUALITY CONTROL**

Date Analyzed: 6-28-11

Matrix: Water

Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0628W1	ND	5.0

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0628W1	10.7	10.0	107	89-114	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
06-179-03	22.6				
Matrix Spike	41.1	20.0	93	83-112	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
06-179-03	22.6	23.5	4	7	

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

**ALKALINITY
 SM 2320B**

Date Analyzed: 6-27-11

Matrix: Water

Units: mg CaCO₃/L

Client ID	Lab ID	Carbonate Alkalinity	Bicarbonate Concentration	PQL
WSP-MW-01-GW-062011	06-179-01	ND	430	20
WSP-MW-09-GW-062011	06-179-02	ND	180	20
WSP-MW-02-GW-062011	06-179-03	ND	250	20
WSP-MW-03-GW-062011	06-179-04	ND	310	20
WSP-MW-14-GW-062011	06-179-05	ND	310	20
WSP-MW-06-GW-062111	06-179-06	ND	120	20
WSP-MW-07-GW-062111	06-179-07	ND	200	20
WSP-MW-08-GW-062111	06-179-08	ND	240	20
WSP-MW-13-GW-062111	06-179-09	ND	200	20
WSP-MW-DUP-GW-062111	06-179-10	ND	130	20

Date of Report: June 30, 2011
 Samples Submitted: June 22, 2011
 Laboratory Reference: 1106-179
 Project: 215-2662-004

**ALKALINITY
 SM 2320B
 QUALITY CONTROL**

Date Analyzed: 6-27-11
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0627W1	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0627W1	98.0	100	98	70-130	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
06-179-03	246	246	0	8	



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



OnSite Environmental Inc.
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 885-9881 • www.onsite-env.com

Chain of Custody

Turnaround Request
 (in working days)
 (Check One)

- Same Day 1 Day
- 2 Day 3 Day
- Standard (7 working days)
 (TPH analysis 5 working days)
- (other)

Laboratory Number:

06-179

Requested Analysis

Company: PermaMetric
 Project Number: 215-2662-004
 Project Name: WA State Penitentiary K/IF/ES
 Project Manager: Mike Wankel
 Sampled by: Mike Wankel
Mike Poston / Para Hinde

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	MICA Metals + Cu, Mn, Na, Ca	NH ₃ , NO ₃ , SO ₄	Carb./Bicarb. Alk	MS/MSD	% Moisture
1	WSP-MW-01-GM-062011	6/9/2011	10:20	GM	6				✓											✓	✓	✓	
2	WSP-MW-09-GM-062011		11:40		✓																		
3	WSP-MW-02-GM-062011		12:40		15																		
4	WSP-MW-03-GM-062011		15:05		6																		
5	WSP-MW-14-GM-062011		16:05																				
6	WSP-MW-06-GM-062111	6/9/2011	08:10																				
7	WSP-MW-07-GM-062111		09:40																				
8	WSP-MW-08-GM-062111		11:00																				
9	WSP-MW-13-GM-062111		12:15																				
10	WSP-MW-10-GM-062111																						

Received by: [Signature] Relinquished by: [Signature] Received by: [Signature] Relinquished by: [Signature] Received by: [Signature] Relinquished by: [Signature] Received by: [Signature] Relinquished by: [Signature]

Comments/special instructions:

samples for metals have been field filtered.
 VOA Trip Blanks:
 WSP-TB-062011
 WSP-TB-062111

Reviewed by/Date

Chromatograms with final report



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

July 6, 2011

Ken Fellows
Parametrix
1019 39th Avenue SE, Suite 100
Puyallup, WA 98374

Re: Analytical Data for Project WSP RI/FS
Laboratory Reference No. 1106-206

Dear Ken:

Enclosed are the analytical results and associated quality control data for samples submitted on June 24, 2011.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: July 6, 2011
Samples Submitted: June 24, 2011
Laboratory Reference: 1106-206
Project: WSP RI/FS

Case Narrative

Samples were collected on June 22 and 23, 2011 and received by the laboratory on June 24, 2011. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Nitrate EPA 353.2 Analysis

Samples WSP-MW-12-GW-062211 and WSP-MW11-GW-062211 (06-206-01 and 02) were analyzed out of holding time.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

VOLATILES by EPA 8260B
 Page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-12-GW-062211					
Laboratory ID:	06-206-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Chloromethane	ND	1.0	EPA 8260	6-29-11	6-29-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-29-11	6-29-11	
Bromomethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Chloroethane	ND	1.0	EPA 8260	6-29-11	6-29-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Acetone	ND	5.0	EPA 8260	6-29-11	6-29-11	
Iodomethane	ND	1.0	EPA 8260	6-29-11	6-29-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-29-11	6-29-11	
Methylene Chloride	ND	1.0	EPA 8260	6-29-11	6-29-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-29-11	6-29-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-29-11	6-29-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-29-11	6-29-11	
2-Butanone	ND	5.0	EPA 8260	6-29-11	6-29-11	
Bromochloromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Chloroform	0.27	0.20	EPA 8260	6-29-11	6-29-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Benzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Trichloroethene	0.43	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Dibromomethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-29-11	6-29-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-29-11	6-29-11	
Toluene	2.1	1.0	EPA 8260	6-29-11	6-29-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-29-11	6-29-11	

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

VOLATILES by EPA 8260B
 Page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-12-GW-062211					
Laboratory ID:	06-206-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Tetrachloroethene	0.43	0.20	EPA 8260	6-29-11	6-29-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-29-11	6-29-11	
2-Hexanone	ND	2.0	EPA 8260	6-29-11	6-29-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Chlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Ethylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
m,p-Xylene	ND	0.40	EPA 8260	6-29-11	6-29-11	
o-Xylene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Styrene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Bromoform	ND	1.0	EPA 8260	6-29-11	6-29-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Bromobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-29-11	6-29-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-29-11	6-29-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-29-11	6-29-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Naphthalene	ND	1.0	EPA 8260	6-29-11	6-29-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>85</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>89</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>81</i>	<i>65-110</i>				

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-11-GW-062211					
Laboratory ID:	06-206-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloromethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromomethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloroethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Acetone	ND	5.0	EPA 8260	6-30-11	6-30-11	
Iodomethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methylene Chloride	ND	1.0	EPA 8260	6-30-11	6-30-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-30-11	6-30-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Butanone	ND	5.0	EPA 8260	6-30-11	6-30-11	
Bromochloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloroform	0.95	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Benzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Trichloroethene	0.59	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Dibromomethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-30-11	6-30-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-30-11	6-30-11	
Toluene	ND	1.0	EPA 8260	6-30-11	6-30-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	

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 Samples Submitted: June 24, 2011
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-11-GW-062211					
Laboratory ID:	06-206-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Tetrachloroethene	0.46	0.20	EPA 8260	6-30-11	6-30-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Hexanone	ND	2.0	EPA 8260	6-30-11	6-30-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Ethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
m,p-Xylene	ND	0.40	EPA 8260	6-30-11	6-30-11	
o-Xylene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Styrene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromoform	ND	1.0	EPA 8260	6-30-11	6-30-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-30-11	6-30-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Naphthalene	ND	1.0	EPA 8260	6-30-11	6-30-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>102</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>65-110</i>				

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-10-GW-062211					
Laboratory ID:	06-206-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloromethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromomethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloroethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Acetone	ND	5.0	EPA 8260	6-30-11	6-30-11	
Iodomethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methylene Chloride	ND	1.0	EPA 8260	6-30-11	6-30-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-30-11	6-30-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Butanone	ND	5.0	EPA 8260	6-30-11	6-30-11	
Bromochloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloroform	1.0	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Benzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Trichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Dibromomethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-30-11	6-30-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-30-11	6-30-11	
Toluene	ND	1.0	EPA 8260	6-30-11	6-30-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-10-GW-062211					
Laboratory ID:	06-206-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Hexanone	ND	2.0	EPA 8260	6-30-11	6-30-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Ethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
m,p-Xylene	ND	0.40	EPA 8260	6-30-11	6-30-11	
o-Xylene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Styrene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromoform	ND	1.0	EPA 8260	6-30-11	6-30-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-30-11	6-30-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Naphthalene	ND	1.0	EPA 8260	6-30-11	6-30-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>106</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>65-110</i>				

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
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 Project: WSP RI/FS

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-05-GW-062211					
Laboratory ID:	06-206-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloromethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromomethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloroethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Acetone	ND	5.0	EPA 8260	6-30-11	6-30-11	
Iodomethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methylene Chloride	ND	1.0	EPA 8260	6-30-11	6-30-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-30-11	6-30-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Butanone	ND	5.0	EPA 8260	6-30-11	6-30-11	
Bromochloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloroform	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Benzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Trichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Dibromomethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-30-11	6-30-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-30-11	6-30-11	
Toluene	ND	1.0	EPA 8260	6-30-11	6-30-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-MW-05-GW-062211					
Laboratory ID:	06-206-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Tetrachloroethene	0.79	0.20	EPA 8260	6-30-11	6-30-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Hexanone	ND	2.0	EPA 8260	6-30-11	6-30-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Ethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
m,p-Xylene	ND	0.40	EPA 8260	6-30-11	6-30-11	
o-Xylene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Styrene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromoform	ND	1.0	EPA 8260	6-30-11	6-30-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-30-11	6-30-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Naphthalene	ND	1.0	EPA 8260	6-30-11	6-30-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>101</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>65-110</i>				

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-062211					
Laboratory ID:	06-206-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloromethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromomethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloroethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Acetone	ND	5.0	EPA 8260	6-30-11	6-30-11	
Iodomethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methylene Chloride	ND	1.0	EPA 8260	6-30-11	6-30-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-30-11	6-30-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Butanone	ND	5.0	EPA 8260	6-30-11	6-30-11	
Bromochloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloroform	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Benzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Trichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Dibromomethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-30-11	6-30-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-30-11	6-30-11	
Toluene	ND	1.0	EPA 8260	6-30-11	6-30-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-TB-062211					
Laboratory ID:	06-206-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Hexanone	ND	2.0	EPA 8260	6-30-11	6-30-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Ethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
m,p-Xylene	ND	0.40	EPA 8260	6-30-11	6-30-11	
o-Xylene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Styrene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromoform	ND	1.0	EPA 8260	6-30-11	6-30-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-30-11	6-30-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Naphthalene	ND	1.0	EPA 8260	6-30-11	6-30-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>103</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>103</i>	<i>65-110</i>				

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
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 Project: WSP RI/FS

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-RB-062311					
Laboratory ID:	06-206-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloromethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromomethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloroethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Acetone	ND	5.0	EPA 8260	6-30-11	6-30-11	
Iodomethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methylene Chloride	ND	1.0	EPA 8260	6-30-11	6-30-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-30-11	6-30-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Butanone	ND	5.0	EPA 8260	6-30-11	6-30-11	
Bromochloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloroform	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Benzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Trichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Dibromomethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-30-11	6-30-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-30-11	6-30-11	
Toluene	ND	1.0	EPA 8260	6-30-11	6-30-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	WSP-RB-062311					
Laboratory ID:	06-206-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Hexanone	ND	2.0	EPA 8260	6-30-11	6-30-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Ethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
m,p-Xylene	ND	0.40	EPA 8260	6-30-11	6-30-11	
o-Xylene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Styrene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromoform	ND	1.0	EPA 8260	6-30-11	6-30-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-30-11	6-30-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Naphthalene	ND	1.0	EPA 8260	6-30-11	6-30-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>105</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>103</i>	<i>65-110</i>				

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-09-062311					
Laboratory ID:	06-206-07					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Chloromethane	ND	1.0	EPA 8260	6-29-11	6-29-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-29-11	6-29-11	
Bromomethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Chloroethane	ND	1.0	EPA 8260	6-29-11	6-29-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Acetone	ND	5.0	EPA 8260	6-29-11	6-29-11	
Iodomethane	ND	1.0	EPA 8260	6-29-11	6-29-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-29-11	6-29-11	
Methylene Chloride	ND	1.0	EPA 8260	6-29-11	6-29-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-29-11	6-29-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-29-11	6-29-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-29-11	6-29-11	
2-Butanone	ND	5.0	EPA 8260	6-29-11	6-29-11	
Bromochloromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Chloroform	0.72	0.20	EPA 8260	6-29-11	6-29-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Benzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Trichloroethene	1.3	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Dibromomethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-29-11	6-29-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-29-11	6-29-11	
Toluene	ND	1.0	EPA 8260	6-29-11	6-29-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-29-11	6-29-11	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-09-062311					
Laboratory ID:	06-206-07					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Tetrachloroethene	0.43	0.20	EPA 8260	6-29-11	6-29-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-29-11	6-29-11	
2-Hexanone	ND	2.0	EPA 8260	6-29-11	6-29-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Chlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Ethylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
m,p-Xylene	ND	0.40	EPA 8260	6-29-11	6-29-11	
o-Xylene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Styrene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Bromoform	ND	1.0	EPA 8260	6-29-11	6-29-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Bromobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-29-11	6-29-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-29-11	6-29-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-29-11	6-29-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Naphthalene	ND	1.0	EPA 8260	6-29-11	6-29-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>88</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>91</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>81</i>	<i>65-110</i>				

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

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Matrix: Water

Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-07-062311					
Laboratory ID:	06-206-08					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloromethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromomethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloroethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Acetone	ND	5.0	EPA 8260	6-30-11	6-30-11	
Iodomethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methylene Chloride	ND	1.0	EPA 8260	6-30-11	6-30-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-30-11	6-30-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Butanone	ND	5.0	EPA 8260	6-30-11	6-30-11	
Bromochloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloroform	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Benzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Trichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Dibromomethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-30-11	6-30-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-30-11	6-30-11	
Toluene	ND	1.0	EPA 8260	6-30-11	6-30-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	

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 Samples Submitted: June 24, 2011
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 Project: WSP RI/FS

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-07-062311					
Laboratory ID:	06-206-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Hexanone	ND	2.0	EPA 8260	6-30-11	6-30-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Ethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
m,p-Xylene	ND	0.40	EPA 8260	6-30-11	6-30-11	
o-Xylene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Styrene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromoform	ND	1.0	EPA 8260	6-30-11	6-30-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-30-11	6-30-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Naphthalene	ND	1.0	EPA 8260	6-30-11	6-30-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>105</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>65-110</i>				

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-10-062311					
Laboratory ID:	06-206-09					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Chloromethane	ND	1.0	EPA 8260	6-30-11	7-1-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-30-11	7-1-11	
Bromomethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Chloroethane	ND	1.0	EPA 8260	6-30-11	7-1-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Acetone	ND	5.0	EPA 8260	6-30-11	7-1-11	
Iodomethane	ND	1.0	EPA 8260	6-30-11	7-1-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-30-11	7-1-11	
Methylene Chloride	ND	1.0	EPA 8260	6-30-11	7-1-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-30-11	7-1-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	7-1-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	7-1-11	
2-Butanone	ND	5.0	EPA 8260	6-30-11	7-1-11	
Bromochloromethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Chloroform	1.2	0.20	EPA 8260	6-30-11	7-1-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Benzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Trichloroethene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Dibromomethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-30-11	7-1-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-30-11	7-1-11	
Toluene	ND	1.0	EPA 8260	6-30-11	7-1-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	7-1-11	

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 Samples Submitted: June 24, 2011
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-MW-10-062311					
Laboratory ID:	06-206-09					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Tetrachloroethene	0.41	0.20	EPA 8260	6-30-11	7-1-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-30-11	7-1-11	
2-Hexanone	ND	2.0	EPA 8260	6-30-11	7-1-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Chlorobenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Ethylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
m,p-Xylene	ND	0.40	EPA 8260	6-30-11	7-1-11	
o-Xylene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Styrene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Bromoform	ND	1.0	EPA 8260	6-30-11	7-1-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Bromobenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-30-11	7-1-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	7-1-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-30-11	7-1-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Naphthalene	ND	1.0	EPA 8260	6-30-11	7-1-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>104</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>105</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>65-110</i>				

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-TB-062311					
Laboratory ID:	06-206-10					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Chloromethane	ND	1.0	EPA 8260	6-30-11	7-1-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-30-11	7-1-11	
Bromomethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Chloroethane	ND	1.0	EPA 8260	6-30-11	7-1-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Acetone	ND	5.0	EPA 8260	6-30-11	7-1-11	
Iodomethane	ND	1.0	EPA 8260	6-30-11	7-1-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-30-11	7-1-11	
Methylene Chloride	ND	1.0	EPA 8260	6-30-11	7-1-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-30-11	7-1-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	7-1-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	7-1-11	
2-Butanone	ND	5.0	EPA 8260	6-30-11	7-1-11	
Bromochloromethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Chloroform	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Benzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Trichloroethene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Dibromomethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-30-11	7-1-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-30-11	7-1-11	
Toluene	ND	1.0	EPA 8260	6-30-11	7-1-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	7-1-11	

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 Samples Submitted: June 24, 2011
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	SLF-TB-062311					
Laboratory ID:	06-206-10					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-30-11	7-1-11	
2-Hexanone	ND	2.0	EPA 8260	6-30-11	7-1-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Chlorobenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
Ethylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
m,p-Xylene	ND	0.40	EPA 8260	6-30-11	7-1-11	
o-Xylene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Styrene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Bromoform	ND	1.0	EPA 8260	6-30-11	7-1-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Bromobenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-30-11	7-1-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	7-1-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-30-11	7-1-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-30-11	7-1-11	
Naphthalene	ND	1.0	EPA 8260	6-30-11	7-1-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	7-1-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>105</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>65-110</i>				

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0629W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Chloromethane	ND	1.0	EPA 8260	6-29-11	6-29-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-29-11	6-29-11	
Bromomethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Chloroethane	ND	1.0	EPA 8260	6-29-11	6-29-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Acetone	ND	5.0	EPA 8260	6-29-11	6-29-11	
Iodomethane	ND	1.0	EPA 8260	6-29-11	6-29-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-29-11	6-29-11	
Methylene Chloride	ND	1.0	EPA 8260	6-29-11	6-29-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-29-11	6-29-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-29-11	6-29-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-29-11	6-29-11	
2-Butanone	ND	5.0	EPA 8260	6-29-11	6-29-11	
Bromochloromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Chloroform	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Benzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Trichloroethene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Dibromomethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-29-11	6-29-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-29-11	6-29-11	
Toluene	ND	1.0	EPA 8260	6-29-11	6-29-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-29-11	6-29-11	

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0629W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-29-11	6-29-11	
2-Hexanone	ND	2.0	EPA 8260	6-29-11	6-29-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Chlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
Ethylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
m,p-Xylene	ND	0.40	EPA 8260	6-29-11	6-29-11	
o-Xylene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Styrene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Bromoform	ND	1.0	EPA 8260	6-29-11	6-29-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Bromobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-29-11	6-29-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-29-11	6-29-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-29-11	6-29-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-29-11	6-29-11	
Naphthalene	ND	1.0	EPA 8260	6-29-11	6-29-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-29-11	6-29-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>88</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>90</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>80</i>	<i>65-110</i>				

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0630W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloromethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Vinyl Chloride	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromomethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloroethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Trichlorofluoromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Acetone	ND	5.0	EPA 8260	6-30-11	6-30-11	
Iodomethane	ND	1.0	EPA 8260	6-30-11	6-30-11	
Carbon Disulfide	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methylene Chloride	ND	1.0	EPA 8260	6-30-11	6-30-11	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Vinyl Acetate	ND	2.0	EPA 8260	6-30-11	6-30-11	
2,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Butanone	ND	5.0	EPA 8260	6-30-11	6-30-11	
Bromochloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chloroform	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Carbon Tetrachloride	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Benzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Trichloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Dibromomethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromodichloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	6-30-11	6-30-11	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	6-30-11	6-30-11	
Toluene	ND	1.0	EPA 8260	6-30-11	6-30-11	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	6-30-11	6-30-11	

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0630W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Tetrachloroethene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3-Dichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Hexanone	ND	2.0	EPA 8260	6-30-11	6-30-11	
Dibromochloromethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dibromoethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Chlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
Ethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
m,p-Xylene	ND	0.40	EPA 8260	6-30-11	6-30-11	
o-Xylene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Styrene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromoform	ND	1.0	EPA 8260	6-30-11	6-30-11	
Isopropylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Bromobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	6-30-11	6-30-11	
n-Propylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
2-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
4-Chlorotoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
tert-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
sec-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
p-Isopropyltoluene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
n-Butylbenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	6-30-11	6-30-11	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Hexachlorobutadiene	ND	0.20	EPA 8260	6-30-11	6-30-11	
Naphthalene	ND	1.0	EPA 8260	6-30-11	6-30-11	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	6-30-11	6-30-11	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>105</i>	<i>68-110</i>				
<i>Toluene-d8</i>	<i>107</i>	<i>73-110</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>65-110</i>				

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

**VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	RPD	Limit		
SPIKE BLANKS										
Laboratory ID:	SB0630W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	9.58	9.68	10.0	10.0	96	97	70-130	1	11	
Benzene	8.80	8.72	10.0	10.0	88	87	75-123	1	8	
Trichloroethene	8.83	8.74	10.0	10.0	88	87	80-113	1	9	
Toluene	8.79	8.64	10.0	10.0	88	86	80-113	2	8	
Chlorobenzene	9.07	9.00	10.0	10.0	91	90	80-111	1	8	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					<i>102</i>	<i>105</i>	<i>68-110</i>			
<i>Toluene-d8</i>					<i>105</i>	<i>104</i>	<i>73-110</i>			
<i>4-Bromofluorobenzene</i>					<i>102</i>	<i>103</i>	<i>65-110</i>			

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
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 Project: WSP RI/FS

**VOLATILES by EPA 8260B
 MS/MSD QUALITY CONTROL**

Matrix: Water
 Units: ug/L

Analyte	Result		Spike Level		Source	Percent		Recovery	RPD	RPD	Limit	Flags
	MS	MSD	MS	MSD	Result	Recovery	Recovery	Limits	RPD			
MATRIX SPIKES												
Laboratory ID:	06-206-07											
	MS	MSD	MS	MSD		MS	MSD					
1,1-Dichloroethene	11.3	11.4	10.0	10.0	ND	113	114	70-130	1	12		
Benzene	10.0	10.1	10.0	10.0	ND	100	101	75-123	1	11		
Trichloroethene	11.1	11.3	10.0	10.0	1.3	98	100	80-117	2	14		
Toluene	10.1	10.1	10.0	10.0	ND	101	101	80-115	0	12		
Chlorobenzene	10.1	9.93	10.0	10.0	ND	101	99	80-117	2	13		
<i>Surrogate:</i>												
Dibromofluoromethane						87	82	68-110				
Toluene-d8						90	85	73-110				
4-Bromofluorobenzene						80	76	65-110				

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	06-206-01					
Client ID:	WSP-MW-12-GW-062211					
Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	110000	1100	6010B		7-5-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	ND	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		7-1-11	
Sodium	32000	1100	6010B		7-5-11	

Lab ID:	06-206-02					
Client ID:	WSP-MW-11-GW-062211					
Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	78000	1100	6010B		7-5-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	ND	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		7-1-11	
Sodium	72000	1100	6010B		7-5-11	

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
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 Project: WSP RI/FS

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	06-206-03					
Client ID:	WSP-MW-10-GW-062211					
Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	63000	1100	6010B		7-5-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	ND	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		7-1-11	
Sodium	48000	1100	6010B		7-5-11	

Lab ID:	06-206-04					
Client ID:	WSP-MW-05-GW-062211					
Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	16000	1100	6010B		7-5-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	ND	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		7-1-11	
Sodium	9800	1100	6010B		7-5-11	

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	06-206-07					
Client ID:	SLF-MW-09-062311					
Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	84000	1100	6010B		7-5-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	1.1	1.0	200.8		6-28-11	
Manganese	ND	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		7-1-11	
Sodium	35000	1100	6010B		7-5-11	

Lab ID:	06-206-08					
Client ID:	SLF-MW-07-062311					
Arsenic	ND	3.0	200.8		6-28-11	
Cadmium	ND	4.0	200.8		6-28-11	
Calcium	15000	1100	6010B		7-5-11	
Chromium	ND	10	200.8		6-28-11	
Copper	ND	10	200.8		6-28-11	
Lead	ND	1.0	200.8		6-28-11	
Manganese	ND	10	200.8		6-28-11	
Mercury	ND	0.50	7470A		7-1-11	
Sodium	7000	1100	6010B		7-5-11	

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

DISSOLVED METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	06-206-09					
Client ID:	SLF-MW-10-062311					
Arsenic	ND	3.0	200.8	6-24-11	6-28-11	
Cadmium	ND	4.0	200.8	6-24-11	6-28-11	
Calcium	40000	1100	6010B	6-24-11	7-5-11	
Chromium	ND	10	200.8	6-24-11	6-28-11	
Copper	ND	10	200.8	6-24-11	6-28-11	
Lead	ND	1.0	200.8	6-24-11	6-28-11	
Manganese	ND	10	200.8	6-24-11	6-28-11	
Mercury	ND	0.50	7470A	6-24-11	7-1-11	
Sodium	16000	1100	6010B	6-24-11	7-5-11	

Date of Report: July 6, 2011
Samples Submitted: June 24, 2011
Laboratory Reference: 1106-206
Project: WSP RI/FS

**DISSOLVED METALS
EPA 200.8
METHOD BLANK QUALITY CONTROL**

Date Analyzed: 6-28&7-1&5-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0628D1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Cadmium	200.8	ND	4.0
Chromium	200.8	ND	10
Copper	200.8	ND	10
Lead	200.8	ND	1.0
Manganese	200.8	ND	10

Date of Report: July 6, 2011
Samples Submitted: June 24, 2011
Laboratory Reference: 1106-206
Project: WSP RI/FS

**DISSOLVED METALS
EPA 200.8/7470A
METHOD BLANK QUALITY CONTROL**

Date Filtered: 6-24-11
Date Analyzed: 6-28&7-1-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0624F1

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.0
Cadmium	200.8	ND	4.0
Chromium	200.8	ND	10
Copper	200.8	ND	10
Lead	200.8	ND	1.0
Manganese	200.8	ND	10
Mercury	7470A	ND	0.50

Date of Report: July 6, 2011
Samples Submitted: June 24, 2011
Laboratory Reference: 1106-206
Project: WSP RI/FS

**DISSOLVED METALS
EPA 6010B
METHOD BLANK QUALITY CONTROL**

Date Filtered: 6-24-11
Date Analyzed: 7-5-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0624F1

Analyte	Method	Result	PQL
Calcium	6010B	ND	1100
Sodium	6010B	ND	1100

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

**DISSOLVED METALS
 EPA 200.8
 DUPLICATE QUALITY CONTROL**

Date Analyzed: 6-28&7-1&5-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 06-179-03

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.0	
Cadmium	ND	ND	NA	4.0	
Chromium	ND	ND	NA	10	
Copper	ND	ND	NA	10	
Lead	ND	ND	NA	1.0	
Manganese	ND	ND	NA	10	

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

**DISSOLVED METALS
 EPA 200.8/7470A
 DUPLICATE QUALITY CONTROL**

Date Filtered: 6-24-11
 Date Analyzed: 6-28&7-1-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 06-206-09

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.0	
Cadmium	ND	ND	NA	4.0	
Chromium	ND	ND	NA	10	
Copper	ND	ND	NA	10	
Lead	ND	ND	NA	1.0	
Manganese	ND	ND	NA	10	
Mercury	ND	ND	NA	0.5	

Date of Report: July 6, 2011
Samples Submitted: June 24, 2011
Laboratory Reference: 1106-206
Project: WSP RI/FS

**DISSOLVED METALS
EPA 6010B
DUPLICATE QUALITY CONTROL**

Date Filtered: 6-24-11

Date Analyzed: 7-5-11

Matrix: Water

Units: ug/L (ppb)

Lab ID: 06-206-07

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Calcium	83900	84700	1	1100	
Sodium	34600	35000	1	1100	

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

**DISSOLVED METALS
 EPA 200.8
 MS/MSD QUALITY CONTROL**

Date Analyzed: 6-28&7-1&5-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 06-179-03

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	216	108	214	107	1	
Cadmium	200	200	100	199	99	0	
Chromium	200	186	93	192	96	3	
Copper	200	190	95	188	94	1	
Lead	200	198	99	198	99	0	
Manganese	200	180	90	188	94	5	

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

**DISSOLVED METALS
 EPA 200.8/7470A
 MS/MSD QUALITY CONTROL**

Date Filtered: 6-24-11
 Date Analyzed: 6-28&7-1-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 06-206-09

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	200	210	105	213	106	1	
Cadmium	200	201	101	201	101	0	
Chromium	200	197	99	198	99	0	
Copper	200	197	99	198	99	1	
Lead	200	195	98	195	97	0	
Manganese	200	188	94	190	95	1	
Mercury	12.5	11.3	91	11.2	90	1	

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

**DISSOLVED METALS
 EPA 6010B
 MS/MSD QUALITY CONTROL**

Date Filtered: 6-24-11

Date Analyzed: 7-5-11

Matrix: Water

Units: ug/L (ppb)

Lab ID: 06-206-07

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Calcium	22000	103000	88	103000	88	0	
Sodium	22000	55500	95	56100	98	1	

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

TOTAL METALS
EPA 200.8/6010B/7470A

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	06-206-06					
Client ID:	WSP-RB-062311					
Arsenic	ND	3.3	200.8	6-28-11	6-28-11	
Cadmium	ND	4.4	200.8	6-28-11	6-28-11	
Calcium	ND	1100	6010B	6-28-11	6-30-11	
Chromium	ND	11	200.8	6-28-11	6-28-11	
Copper	ND	11	200.8	6-28-11	6-28-11	
Lead	ND	1.1	200.8	6-28-11	6-28-11	
Manganese	ND	11	200.8	6-28-11	6-28-11	
Mercury	ND	0.50	7470A	7-1-11	7-1-11	
Sodium	ND	1100	6010B	6-28-11	6-30-11	

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

**TOTAL METALS
 EPA 200.8/6010B/7470A
 METHOD BLANK QUALITY CONTROL**

Date Extracted: 6-28&7-1-11
 Date Analyzed: 6-28&30-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: MB0628W3

Analyte	Method	Result	PQL
Arsenic	200.8	ND	3.3
Cadmium	200.8	ND	4.4
Calcium	6010B	ND	1100
Chromium	200.8	ND	11
Copper	200.8	ND	11
Lead	200.8	ND	1.1
Manganese	200.8	ND	11
Mercury	7470A	ND	0.50
Sodium	6010B	ND	1100

Date of Report: July 6, 2011
Samples Submitted: June 24, 2011
Laboratory Reference: 1106-206
Project: WSP RI/FS

**TOTAL MERCURY
EPA 7470A
METHOD BLANK QUALITY CONTROL**

Date Extracted: 7-1-11
Date Analyzed: 7-1-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: MB0701W2

Analyte	Method	Result	PQL
Mercury	7470A	ND	0.50

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

**TOTAL METALS
 EPA 200.8/6010B/7470A
 DUPLICATE QUALITY CONTROL**

Date Extracted: 6-28&7-1-11
 Date Analyzed: 6-28&30-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 06-206-06

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Arsenic	ND	ND	NA	3.3	
Cadmium	ND	ND	NA	4.4	
Calcium	ND	ND	NA	1100	
Chromium	ND	ND	NA	11	
Copper	ND	ND	NA	11	
Lead	ND	ND	NA	1.1	
Manganese	ND	ND	NA	11	
Mercury	ND	ND	NA	0.50	
Sodium	ND	ND	NA	1100	

Date of Report: July 6, 2011
Samples Submitted: June 24, 2011
Laboratory Reference: 1106-206
Project: WSP RI/FS

**TOTAL MERCURY
EPA 7470A
DUPLICATE QUALITY CONTROL**

Date Extracted: 7-1-11
Date Analyzed: 7-1-11

Matrix: Water
Units: ug/L (ppb)

Lab ID: 06-241-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Mercury	ND	ND	NA	0.50	

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

**TOTAL METALS
 EPA 200.8/6010B/7470A
 MS/MSD QUALITY CONTROL**

Date Extracted: 6-28&7-1-11
 Date Analyzed: 6-28&30-11

Matrix: Water
 Units: ug/L (ppb)

Lab ID: 06-206-06

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Arsenic	110	109	99	108	98	1	
Cadmium	110	110	100	109	99	0	
Calcium	22000	20200	92	20400	93	1	
Chromium	110	111	101	108	98	2	
Copper	110	104	94	103	94	1	
Lead	110	109	99	111	101	2	
Manganese	110	109	99	107	97	2	
Mercury	12.5	11.0	88	11.1	89	0	
Sodium	22000	20800	95	21100	96	1	

Date of Report: July 6, 2011
Samples Submitted: June 24, 2011
Laboratory Reference: 1106-206
Project: WSP RI/FS

TOTAL MERCURY
EPA 7470A
MS/MSD QUALITY CONTROL

Date Extracted: 7-1-11

Date Analyzed: 7-1-11

Matrix: Water

Units: ug/L (ppb)

Lab ID: 06-241-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Mercury	12.5	11.0	88	11.1	89	0	

Date of Report: July 6, 2011
Samples Submitted: June 24, 2011
Laboratory Reference: 1106-206
Project: WSP RI/FS

**AMMONIA (as Nitrogen)
SM 4500-NH₃ F**

Date Analyzed: 6-24-11

Matrix: Water

Units: mg NH₃-N /L

Client ID	Lab ID	Result	PQL
WSP-MW-12-GW-062211	06-206-01	0.18	0.050
WSP-MW-11-GW-062211	06-206-02	0.14	0.050
WSP-MW-10-GW-062211	06-206-03	0.13	0.050
WSP-MW-05-GW-062211	06-206-04	0.12	0.050
WSP-RB-062311	06-206-06	0.14	0.050
SLF-MW-09-062311	06-206-07	0.14	0.050
SLF-MW-07-062311	06-206-08	0.15	0.050
SLF-MW-10-062311	06-206-09	0.13	0.050

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

**AMMONIA (as Nitrogen)
 SM 4500-NH₃ F
 QUALITY CONTROL**

Date Analyzed: 6-24-11

Matrix: Water

Units: mg NH₃-N /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0624W2	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0624W2	4.68	5.00	94	85-99	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
06-206-07	0.137				
Matrix Spike	4.66	5.00	90	81-103	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
06-206-07	0.137	0.147	7	9	

Date of Report: July 6, 2011
Samples Submitted: June 24, 2011
Laboratory Reference: 1106-206
Project: WSP RI/FS

**NITRATE (as Nitrogen)
EPA 353.2**

Date Analyzed: 6-27-11

Matrix: Water

Units: mg /L

Client ID	Lab ID	Result	PQL
WSP-MW-12-GW-062211	06-206-01	46	0.50
WSP-MW-11-GW-062211	06-206-02	22	0.25
WSP-MW-10-GW-062211	06-206-03	13	0.25
WSP-MW-05-GW-062211	06-206-04	1.3	0.050
WSP-RB-062311	06-206-06	ND	0.050
SLF-MW-09-062311	06-206-07	14	0.50
SLF-MW-07-062311	06-206-08	1.6	0.050
SLF-MW-10-062311	06-206-09	7.3	0.10

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

**NITRATE (as Nitrogen)
 EPA 353.2
 QUALITY CONTROL**

Date Analyzed: 6-27-11

Matrix: Water
 Units: mg /L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0627W1	ND	0.050

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0627W1	2.19	2.00	110	86-120	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
06-206-07	14.3				
Matrix Spike	35.6	20.0	107	84-123	

DUPLICATE QUALITY CONTROL

Lab ID	Result	Duplicate Result	RPD	Control Limit	Flag
06-206-07	14.3	13.9	3	11	

Date of Report: July 6, 2011
Samples Submitted: June 24, 2011
Laboratory Reference: 1106-206
Project: WSP RI/FS

SULFATE
ASTM D516-02

Date Analyzed: 6-28-11

Matrix: Water
Units: mg/L

Client ID	Lab ID	Result	PQL
WSP-MW-12-GW-062211	06-206-01	24	10
WSP-MW-11-GW-062211	06-206-02	61	25
WSP-MW-10-GW-062211	06-206-03	40	10
WSP-MW-05-GW-062211	06-206-04	ND	5.0
WSP-RB-062311	06-206-06	ND	5.0
SLF-MW-09-062311	06-206-07	28	10
SLF-MW-07-062311	06-206-08	ND	5.0
SLF-MW-10-062311	06-206-09	27	10

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

**SULFATE
 ASTM D516-02
 QUALITY CONTROL**

Date Analyzed: 6-28-11

Matrix: Water

Units: mg/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0628W1	ND	5.0

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0628W1	10.7	10.0	107	89-114	

MATRIX SPIKE QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
06-179-03	22.6				
Matrix Spike	41.1	20.0	93	83-112	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
06-179-03	22.6	23.5	4	7	

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

**ALKALINITY
 SM 2320B**

Date Analyzed: 6-27-11

Matrix: Water

Units: mg CaCO₃/L

Client ID	Lab ID	Carbonate Alkalinity	Bicarbonate Concentration	PQL
WSP-MW-12-GW-062211	06-206-01	ND	260	20
WSP-MW-11-GW-062211	06-206-02	ND	350	20
WSP-MW-10-GW-062211	06-206-03	ND	280	20
WSP-MW-05-GW-062211	06-206-04	ND	82	20
WSP-RB-062311	06-206-06	ND	ND	20
SLF-MW-09-062311	06-206-07	ND	310	20
SLF-MW-07-062311	06-206-08	ND	80	20
SLF-MW-10-062311	06-206-09	ND	140	20

Date of Report: July 6, 2011
 Samples Submitted: June 24, 2011
 Laboratory Reference: 1106-206
 Project: WSP RI/FS

**ALKALINITY
 SM 2320B
 QUALITY CONTROL**

Date Analyzed: 6-27-11
 Matrix: Water
 Units: mg CaCO₃/L

METHOD BLANK QUALITY CONTROL

Lab ID	Result	PQL
MB0627W1	ND	20

SPIKE BLANK QUALITY CONTROL

Lab ID	Result	Spiked Amount	Percent Recovery	Control Limit	Flag
SB0627W1	98.0	100	98	70-130	

DUPLICATE QUALITY CONTROL

Lab ID	Sample Result	Duplicate Result	RPD	Control Limit	Flag
06-179-03	246	246	0	8	



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



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Chain of Custody

Turnaround Request
(in working days)

(Check One)

- Same Day 1 Day
 2 Days 3 Days
 Standard (7 Days)
 (TPH analysis 5 Days)
 (other)

Laboratory Number:

06-206

Company: Parametrix
 Project Number:
 Project Name: WSP R1/R5
 Project Manager: Mike Worfel
 Sampled by: M. Buxton/L. Linde

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix
1	WSP-MWA2-GW-062311	6/23/11	0835	W
2	WSP-MW-11-GW-062311		0935	
3	WSP-MW-ID-GW-062311		1030	
4	WSP-MW-05-GW-062311		1350	
5	WSP-TB-062311			
6	WSP-RB-062311	6/23/11	0835	
7	WSP-SLF-MW-01-062311		1015	
8	WSP-SLF-MW-07-062311		1120	
9	WSP-SLF-MW-ID-062311		1815	
10	SLF-TB-062311			

Number of Containers	
NWTPH-HCID	
NWTPH-Gx/BTEX	
NWTPH-Gx	
NWTPH-Dx	
Volatiles 8260B	X
Halogenated Volatiles 8260B	
Semivolatiles 8270D/SIM (with low-level PAHs)	
PAHs 8270D/SIM (low-level)	
PCBs 8082	
Organochlorine Pesticides 8081A	
Organophosphorus Pesticides 8270D/SIM	
Chlorinated Acid Herbicides 8151A	
Total RCRA / MTCA Metals (circle one)	
TCLP Metals	
HEM (oil and grease) 1664	

X MTCA metals + ^{Cu, Ni, Mn}
 X NH₃, NO₃, SO₄
 X Carb/Bicarb Alk
 MS/MSD
 % Moisture

Received	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		Parametrix	6/23/11	1330	All samples for metals have been filtered through, except WSP-RB-062311 and SLF-MW-ID-062311. Please include filter MW-ID. Total metals on RB (rinse blank).
Received		FedEx			
Relinquished					
Received		Onsite Env	6/24/11	940	
Relinquished					
Received					
Reviewed/Date					Chromatograms with final report <input type="checkbox"/>



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Chain of Custody

Turnaround Request
(in working days)

(Check One)

- Same Day 1 Day
 2 Days 3 Days
 Standard (7 Days)
 (TPH analysis 5 Days)
 (other)

Laboratory Number:

06-206

Company: Parametrix
 Project Number:
 Project Name: WSP R1/R5
 Project Manager: Mike Worfel
 Sampled by: M. Buxton/L. Linde

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix
1	WSP-MWA2-GW-062311	6/23/11	0835	W
2	WSP-MW-11-GW-062311		0935	
3	WSP-MW-ID-GW-062311		1030	
4	WSP-MW-05-GW-062311		1350	
5	WSP-TB-062311			
6	WSP-RB-062311	6/23/11	0835	
7	WSP-SLF-MW-01-062311		1015	
8	WSP-SLF-MW-07-062311		1120	
9	WSP-SLF-MW-ID-062311		1815	
10	SLF-TB-062311			

Number of Containers	
NWTPH-HCID	
NWTPH-Gx/BTEX	
NWTPH-Gx	
NWTPH-Dx	
Volatiles 8260B	X
Halogenated Volatiles 8260B	
Semivolatiles 8270D/SIM (with low-level PAHs)	
PAHs 8270D/SIM (low-level)	
PCBs 8082	
Organochlorine Pesticides 8081A	
Organophosphorus Pesticides 8270D/SIM	
Chlorinated Acid Herbicides 8151A	
Total RCRA / MTCA Metals (circle one)	
TCLP Metals	
HEM (oil and grease) 1664	

X MTCA metals + ^{Cu, Ni, Mn}
 X NH₃, NO₃, SO₄
 X Carb/Bicarb Alk
 MS/MSD
 % Moisture

Received	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		Parametrix	6/23/11	1330	All samples for metals have been filtered filtered, except WSP-RB-062311 and SLF-MW-ID-062311, please also filter MW-ID. Total metals on RB (rinse blank).
Received		FedEx			
Relinquished					
Received		Onsite Env	6/24/11	940	
Relinquished					
Received					
Reviewed/Date					Chromatograms with final report <input type="checkbox"/>

TestAmerica

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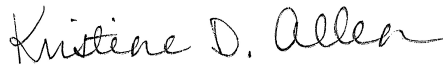
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

TestAmerica Job ID: 580-28804-1
Client Project/Site: WSP R1/FS

For:
Washington State Dept of Corrections
Department of Corrections
Administrative Services Division
PO BOX 41112 MS: 1112
Olympia, Washington 98504-1112

Attn: Eric F Heinitz



Authorized for release by:
10/06/2011 02:13:05 PM

Kristine Allen
Project Manager I
kristine.allen@testamericainc.com

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Case Narrative

Client: Washington State Dept of Corrections
Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Job ID: 580-28804-1

Laboratory: TestAmerica Seattle

Narrative

Receipt

The container label for sample 9 does not match the information listed on the Chain-of-Custody (COC). The container labels list the sample ID as WSP-6R-91911. The COC lists the sample ID as WSP-6D-91911. The sample was logged-in and labeled according to COC.

All other samples were received in good condition within temperature requirements.

GC/MS VOA

No analytical or quality issues were noted.

Metals

Samples were received in unpreserved containers. Nitric acid was added to the samples at 2:00pm on 10/3/11.

No other analytical or quality issues were noted.



Definitions/Glossary

Client: Washington State Dept of Corrections
Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Washington State Dept of Corrections
Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-6-91911

Lab Sample ID: 580-28804-1

Date Collected: 09/19/11 09:15

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			09/30/11 03:46	1
Tetrachloroethene	ND		0.10		ug/L			09/30/11 03:46	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	96		70 - 130					09/30/11 03:46	1
Trifluorotoluene (Surr)	100		80 - 125					09/30/11 03:46	1
Toluene-d8 (Surr)	99		75 - 125					09/30/11 03:46	1
Ethylbenzene-d10	100		75 - 125					09/30/11 03:46	1
4-Bromofluorobenzene (Surr)	100		75 - 120					09/30/11 03:46	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 19:30	5
Lead	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 19:30	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 19:30	5
Chromium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 19:30	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:30	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-7-91911

Lab Sample ID: 580-28804-2

Date Collected: 09/19/11 10:30

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			09/30/11 03:21	1
Tetrachloroethene	ND		0.10		ug/L			09/30/11 03:21	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	90		70 - 130					09/30/11 03:21	1
Trifluorotoluene (Surr)	104		80 - 125					09/30/11 03:21	1
Toluene-d8 (Surr)	101		75 - 125					09/30/11 03:21	1
Ethylbenzene-d10	101		75 - 125					09/30/11 03:21	1
4-Bromofluorobenzene (Surr)	107		75 - 120					09/30/11 03:21	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 20:09	5
Lead	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:09	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:09	5
Chromium	0.040		0.0020		mg/L		10/04/11 15:18	10/05/11 20:09	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:00	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-8-91911

Lab Sample ID: 580-28804-3

Date Collected: 09/19/11 11:45

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	2.6		0.10		ug/L			09/30/11 02:55	1
Tetrachloroethene	ND		0.10		ug/L			09/30/11 02:55	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	95		70 - 130					09/30/11 02:55	1
Trifluorotoluene (Surr)	106		80 - 125					09/30/11 02:55	1
Toluene-d8 (Surr)	107		75 - 125					09/30/11 02:55	1
Ethylbenzene-d10	98		75 - 125					09/30/11 02:55	1
4-Bromofluorobenzene (Surr)	104		75 - 120					09/30/11 02:55	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 20:13	5
Lead	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:13	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:13	5
Chromium	0.0091		0.0020		mg/L		10/04/11 15:18	10/05/11 20:13	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:02	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-15-91911

Lab Sample ID: 580-28804-4

Date Collected: 09/19/11 12:35

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			09/30/11 02:29	1
Tetrachloroethene	ND		0.10		ug/L			09/30/11 02:29	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	97		70 - 130					09/30/11 02:29	1
Trifluorotoluene (Surr)	106		80 - 125					09/30/11 02:29	1
Toluene-d8 (Surr)	101		75 - 125					09/30/11 02:29	1
Ethylbenzene-d10	101		75 - 125					09/30/11 02:29	1
4-Bromofluorobenzene (Surr)	104		75 - 120					09/30/11 02:29	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 20:17	5
Lead	0.0038		0.0020		mg/L		10/04/11 15:18	10/05/11 20:17	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:17	5
Chromium	0.054		0.0020		mg/L		10/04/11 15:18	10/05/11 20:17	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:03	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-9-91911

Lab Sample ID: 580-28804-5

Date Collected: 09/19/11 13:40

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.3		0.10		ug/L			09/30/11 02:04	1
Tetrachloroethene	0.41		0.10		ug/L			09/30/11 02:04	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	94		70 - 130					09/30/11 02:04	1
Trifluorotoluene (Surr)	108		80 - 125					09/30/11 02:04	1
Toluene-d8 (Surr)	107		75 - 125					09/30/11 02:04	1
Ethylbenzene-d10	103		75 - 125					09/30/11 02:04	1
4-Bromofluorobenzene (Surr)	108		75 - 120					09/30/11 02:04	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 20:22	5
Lead	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:22	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:22	5
Chromium	0.021		0.0020		mg/L		10/04/11 15:18	10/05/11 20:22	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:08	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-1-91911

Lab Sample ID: 580-28804-6

Date Collected: 09/19/11 14:35

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.34		0.10		ug/L			09/30/11 01:37	1
Tetrachloroethene	ND		0.10		ug/L			09/30/11 01:37	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	94		70 - 130					09/30/11 01:37	1
Trifluorotoluene (Surr)	103		80 - 125					09/30/11 01:37	1
Toluene-d8 (Surr)	103		75 - 125					09/30/11 01:37	1
Ethylbenzene-d10	101		75 - 125					09/30/11 01:37	1
4-Bromofluorobenzene (Surr)	102		75 - 120					09/30/11 01:37	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 20:26	5
Lead	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:26	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:26	5
Chromium	0.012		0.0020		mg/L		10/04/11 15:18	10/05/11 20:26	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:10	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-2-91911

Lab Sample ID: 580-28804-7

Date Collected: 09/19/11 16:05

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	2.3		0.10		ug/L			09/30/11 01:11	1
Tetrachloroethene	ND		0.10		ug/L			09/30/11 01:11	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	94		70 - 130					09/30/11 01:11	1
Trifluorotoluene (Surr)	107		80 - 125					09/30/11 01:11	1
Toluene-d8 (Surr)	105		75 - 125					09/30/11 01:11	1
Ethylbenzene-d10	108		75 - 125					09/30/11 01:11	1
4-Bromofluorobenzene (Surr)	104		75 - 120					09/30/11 01:11	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 20:30	5
Lead	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:30	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:30	5
Chromium	0.0034		0.0020		mg/L		10/04/11 15:18	10/05/11 20:30	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:12	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-3-91911

Lab Sample ID: 580-28804-8

Date Collected: 09/19/11 16:55

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.9		0.10		ug/L			09/30/11 00:46	1
Tetrachloroethene	ND		0.10		ug/L			09/30/11 00:46	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	93		70 - 130					09/30/11 00:46	1
Trifluorotoluene (Surr)	121		80 - 125					09/30/11 00:46	1
Toluene-d8 (Surr)	107		75 - 125					09/30/11 00:46	1
Ethylbenzene-d10	106		75 - 125					09/30/11 00:46	1
4-Bromofluorobenzene (Surr)	106		75 - 120					09/30/11 00:46	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 20:35	5
Lead	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:35	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:35	5
Chromium	0.013		0.0020		mg/L		10/04/11 15:18	10/05/11 20:35	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:13	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-6D-91911

Lab Sample ID: 580-28804-9

Date Collected: 09/19/11 09:20

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			09/30/11 00:20	1
Tetrachloroethene	ND		0.10		ug/L			09/30/11 00:20	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	97		70 - 130					09/30/11 00:20	1
Trifluorotoluene (Surr)	100		80 - 125					09/30/11 00:20	1
Toluene-d8 (Surr)	102		75 - 125					09/30/11 00:20	1
Ethylbenzene-d10	96		75 - 125					09/30/11 00:20	1
4-Bromofluorobenzene (Surr)	99		75 - 120					09/30/11 00:20	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 20:39	5
Lead	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:39	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:39	5
Chromium	0.0041		0.0020		mg/L		10/04/11 15:18	10/05/11 20:39	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:15	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-12-92011

Lab Sample ID: 580-28804-10

Date Collected: 09/20/11 08:15

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0		0.10		ug/L			09/29/11 23:51	1
Tetrachloroethene	0.21		0.10		ug/L			09/29/11 23:51	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	96		70 - 130					09/29/11 23:51	1
Trifluorotoluene (Surr)	99		80 - 125					09/29/11 23:51	1
Toluene-d8 (Surr)	101		75 - 125					09/29/11 23:51	1
Ethylbenzene-d10	98		75 - 125					09/29/11 23:51	1
4-Bromofluorobenzene (Surr)	98		75 - 120					09/29/11 23:51	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 20:43	5
Lead	0.0032		0.0020		mg/L		10/04/11 15:18	10/05/11 20:43	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:43	5
Chromium	0.046		0.0020		mg/L		10/04/11 15:18	10/05/11 20:43	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:17	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-5-92011

Lab Sample ID: 580-28804-11

Date Collected: 09/20/11 10:10

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			09/29/11 23:24	1
Tetrachloroethene	0.91		0.10		ug/L			09/29/11 23:24	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	96		70 - 130					09/29/11 23:24	1
Trifluorotoluene (Surr)	107		80 - 125					09/29/11 23:24	1
Toluene-d8 (Surr)	98		75 - 125					09/29/11 23:24	1
Ethylbenzene-d10	92		75 - 125					09/29/11 23:24	1
4-Bromofluorobenzene (Surr)	98		75 - 120					09/29/11 23:24	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 20:48	5
Lead	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:48	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 20:48	5
Chromium	0.071		0.0020		mg/L		10/04/11 15:18	10/05/11 20:48	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:18	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-11-92011

Lab Sample ID: 580-28804-12

Date Collected: 09/20/11 11:10

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.56		0.10		ug/L			09/29/11 22:55	1
Tetrachloroethene	1.6		0.10		ug/L			09/29/11 22:55	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	98		70 - 130					09/29/11 22:55	1
Trifluorotoluene (Surr)	103		80 - 125					09/29/11 22:55	1
Toluene-d8 (Surr)	106		75 - 125					09/29/11 22:55	1
Ethylbenzene-d10	102		75 - 125					09/29/11 22:55	1
4-Bromofluorobenzene (Surr)	109		75 - 120					09/29/11 22:55	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 21:01	5
Lead	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 21:01	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 21:01	5
Chromium	0.011		0.0020		mg/L		10/04/11 15:18	10/05/11 21:01	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:20	1

Client Sample Results

Client: Washington State Dept of Corrections
Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-10-92011

Lab Sample ID: 580-28804-13

Date Collected: 09/20/11 11:55

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			09/29/11 22:28	1
Tetrachloroethene	0.19		0.10		ug/L			09/29/11 22:28	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	92		70 - 130					09/29/11 22:28	1
Trifluorotoluene (Surr)	111		80 - 125					09/29/11 22:28	1
Toluene-d8 (Surr)	100		75 - 125					09/29/11 22:28	1
Ethylbenzene-d10	96		75 - 125					09/29/11 22:28	1
4-Bromofluorobenzene (Surr)	97		75 - 120					09/29/11 22:28	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 21:05	5
Lead	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 21:05	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 21:05	5
Chromium	0.0095		0.0020		mg/L		10/04/11 15:18	10/05/11 21:05	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:21	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-13-92011

Lab Sample ID: 580-28804-14

Date Collected: 09/20/11 13:50

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			09/29/11 22:03	1
Tetrachloroethene	0.35		0.10		ug/L			09/29/11 22:03	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	90		70 - 130					09/29/11 22:03	1
Trifluorotoluene (Surr)	112		80 - 125					09/29/11 22:03	1
Toluene-d8 (Surr)	109		75 - 125					09/29/11 22:03	1
Ethylbenzene-d10	107		75 - 125					09/29/11 22:03	1
4-Bromofluorobenzene (Surr)	110		75 - 120					09/29/11 22:03	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 21:09	5
Lead	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 21:09	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 21:09	5
Chromium	0.0062		0.0020		mg/L		10/04/11 15:18	10/05/11 21:09	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:23	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-14-92011

Lab Sample ID: 580-28804-15

Date Collected: 09/20/11 14:35

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.82		0.10		ug/L			09/29/11 21:37	1
Tetrachloroethene	0.93		0.10		ug/L			09/29/11 21:37	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	95		70 - 130					09/29/11 21:37	1
Trifluorotoluene (Surr)	102		80 - 125					09/29/11 21:37	1
Toluene-d8 (Surr)	105		75 - 125					09/29/11 21:37	1
Ethylbenzene-d10	102		75 - 125					09/29/11 21:37	1
4-Bromofluorobenzene (Surr)	108		75 - 120					09/29/11 21:37	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:18	10/05/11 21:14	5
Lead	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 21:14	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:18	10/05/11 21:14	5
Chromium	0.0065		0.0020		mg/L		10/04/11 15:18	10/05/11 21:14	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 13:28	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-14-92011R

Lab Sample ID: 580-28804-16

Date Collected: 09/20/11 14:45

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			09/29/11 21:12	1
Tetrachloroethene	ND		0.10		ug/L			09/29/11 21:12	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	94		70 - 130					09/29/11 21:12	1
Trifluorotoluene (Surr)	107		80 - 125					09/29/11 21:12	1
Toluene-d8 (Surr)	107		75 - 125					09/29/11 21:12	1
Ethylbenzene-d10	106		75 - 125					09/29/11 21:12	1
4-Bromofluorobenzene (Surr)	104		75 - 120					09/29/11 21:12	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:19	10/05/11 21:18	5
Lead	ND		0.0020		mg/L		10/04/11 15:19	10/05/11 21:18	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:19	10/05/11 21:18	5
Chromium	0.0020		0.0020		mg/L		10/04/11 15:19	10/05/11 21:18	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 12:53	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-TB1

Lab Sample ID: 580-28804-17

Date Collected: 09/20/11 00:00

Matrix: Water

Date Received: 09/22/11 11:37

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			09/29/11 20:46	1
Tetrachloroethene	ND		0.10		ug/L			09/29/11 20:46	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	95		70 - 130					09/29/11 20:46	1
Trifluorotoluene (Surr)	108		80 - 125					09/29/11 20:46	1
Toluene-d8 (Surr)	96		75 - 125					09/29/11 20:46	1
Ethylbenzene-d10	102		75 - 125					09/29/11 20:46	1
4-Bromofluorobenzene (Surr)	102		75 - 120					09/29/11 20:46	1

QC Sample Results

Client: Washington State Dept of Corrections
Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 580-96501/4

Matrix: Water

Analysis Batch: 96501

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			09/29/11 19:04	1
Tetrachloroethene	ND		0.10		ug/L			09/29/11 19:04	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	91		70 - 130		09/29/11 19:04	1
Trifluorotoluene (Surr)	110		80 - 125		09/29/11 19:04	1
Toluene-d8 (Surr)	106		75 - 125		09/29/11 19:04	1
Ethylbenzene-d10	106		75 - 125		09/29/11 19:04	1
4-Bromofluorobenzene (Surr)	104		75 - 120		09/29/11 19:04	1

Lab Sample ID: LCS 580-96501/5

Matrix: Water

Analysis Batch: 96501

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Trichloroethene	5.00	6.16		ug/L		123	79 - 131
Tetrachloroethene	5.01	7.59		ug/L		152	54 - 161

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Fluorobenzene (Surr)	90		70 - 130
Trifluorotoluene (Surr)	109		80 - 125
Toluene-d8 (Surr)	105		75 - 125
Ethylbenzene-d10	109		75 - 125
4-Bromofluorobenzene (Surr)	103		75 - 120

Lab Sample ID: LCSD 580-96501/6

Matrix: Water

Analysis Batch: 96501

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Trichloroethene	5.00	6.19		ug/L		124	79 - 131	0	20
Tetrachloroethene	5.01	8.01		ug/L		160	54 - 161	5	20

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
Fluorobenzene (Surr)	99		70 - 130
Trifluorotoluene (Surr)	116		80 - 125
Toluene-d8 (Surr)	106		75 - 125
Ethylbenzene-d10	107		75 - 125
4-Bromofluorobenzene (Surr)	105		75 - 120

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 580-96880/20-A

Matrix: Water

Analysis Batch: 97013

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 96880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		10/04/11 15:19	10/05/11 19:21	5

QC Sample Results

Client: Washington State Dept of Corrections
Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 580-96880/20-A
Matrix: Water
Analysis Batch: 97013

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 96880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0020		mg/L		10/04/11 15:19	10/05/11 19:21	5
Cadmium	ND		0.0020		mg/L		10/04/11 15:19	10/05/11 19:21	5
Chromium	ND		0.0020		mg/L		10/04/11 15:19	10/05/11 19:21	5

Lab Sample ID: LCS 580-96880/21-A
Matrix: Water
Analysis Batch: 97013

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 96880

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Arsenic	4.00	4.12		mg/L		103	80 - 120
Lead	1.00	1.01		mg/L		101	80 - 120
Cadmium	0.100	0.106		mg/L		106	80 - 120
Chromium	0.400	0.418		mg/L		105	80 - 120

Lab Sample ID: LCSD 580-96880/22-A
Matrix: Water
Analysis Batch: 97013

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 96880

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Arsenic	4.00	4.12		mg/L		103	80 - 120	0	20
Lead	1.00	1.03		mg/L		103	80 - 120	2	20
Cadmium	0.100	0.0999		mg/L		100	80 - 120	6	20
Chromium	0.400	0.416		mg/L		104	80 - 120	0	20

Lab Sample ID: 580-28804-1 MS
Matrix: Water
Analysis Batch: 97013

Client Sample ID: WSP-6-91911
Prep Type: Total Recoverable
Prep Batch: 96880

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Arsenic	ND		4.00	4.42		mg/L		110	80 - 120
Lead	ND		1.00	1.13		mg/L		113	80 - 120
Cadmium	ND		0.100	0.104		mg/L		104	80 - 120
Chromium	ND		0.400	0.436		mg/L		109	80 - 120

Lab Sample ID: 580-28804-1 MSD
Matrix: Water
Analysis Batch: 97013

Client Sample ID: WSP-6-91911
Prep Type: Total Recoverable
Prep Batch: 96880

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Arsenic	ND		4.00	4.44		mg/L		111	80 - 120	1	20
Lead	ND		1.00	1.13		mg/L		113	80 - 120	0	20
Cadmium	ND		0.100	0.104		mg/L		104	80 - 120	1	20
Chromium	ND		0.400	0.441		mg/L		110	80 - 120	1	20

Lab Sample ID: 580-28804-1 DU
Matrix: Water
Analysis Batch: 97013

Client Sample ID: WSP-6-91911
Prep Type: Total Recoverable
Prep Batch: 96880

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	ND		ND		mg/L		NC	20
Lead	ND		ND		mg/L		NC	20

QC Sample Results

Client: Washington State Dept of Corrections
Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 580-28804-1 DU
Matrix: Water
Analysis Batch: 97013

Client Sample ID: WSP-6-91911
Prep Type: Total Recoverable
Prep Batch: 96880

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Cadmium	ND		ND		mg/L		NC	20
Chromium	ND		ND		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 580-96886/20-A
Matrix: Water
Analysis Batch: 96988

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 96886

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020		mg/L		10/04/11 15:58	10/05/11 12:48	1

Lab Sample ID: LCS 580-96886/21-A
Matrix: Water
Analysis Batch: 96988

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 96886

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits

Lab Sample ID: LCSD 580-96886/22-A
Matrix: Water
Analysis Batch: 96988

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 96886

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	Limit

Lab Sample ID: 580-28804-16 MS
Matrix: Water
Analysis Batch: 96988

Client Sample ID: WSP-14-92011R
Prep Type: Total/NA
Prep Batch: 96886

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
	Result	Qualifier							
Mercury	ND		0.00200	0.00196		mg/L		98	80 - 120

Lab Sample ID: 580-28804-16 MSD
Matrix: Water
Analysis Batch: 96988

Client Sample ID: WSP-14-92011R
Prep Type: Total/NA
Prep Batch: 96886

Analyte	Sample	Sample	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	Limit
	Result	Qualifier									
Mercury	ND		0.00200	0.00189		mg/L		95	80 - 120	4	20

Lab Sample ID: 580-28804-16 DU
Matrix: Water
Analysis Batch: 96988

Client Sample ID: WSP-14-92011R
Prep Type: Total/NA
Prep Batch: 96886

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Mercury	ND		ND		mg/L		NC	20

Lab Chronicle

Client: Washington State Dept of Corrections
Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-6-91911

Lab Sample ID: 580-28804-1

Date Collected: 09/19/11 09:15

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/30/11 03:46	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:30	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 19:30	FCW	TAL SEA

Client Sample ID: WSP-7-91911

Lab Sample ID: 580-28804-2

Date Collected: 09/19/11 10:30

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/30/11 03:21	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:00	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 20:09	FCW	TAL SEA

Client Sample ID: WSP-8-91911

Lab Sample ID: 580-28804-3

Date Collected: 09/19/11 11:45

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/30/11 02:55	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:02	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 20:13	FCW	TAL SEA

Client Sample ID: WSP-15-91911

Lab Sample ID: 580-28804-4

Date Collected: 09/19/11 12:35

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/30/11 02:29	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:03	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 20:17	FCW	TAL SEA

Lab Chronicle

Client: Washington State Dept of Corrections
 Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-9-91911

Lab Sample ID: 580-28804-5

Date Collected: 09/19/11 13:40

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/30/11 02:04	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:08	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 20:22	FCW	TAL SEA

Client Sample ID: WSP-1-91911

Lab Sample ID: 580-28804-6

Date Collected: 09/19/11 14:35

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/30/11 01:37	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:10	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 20:26	FCW	TAL SEA

Client Sample ID: WSP-2-91911

Lab Sample ID: 580-28804-7

Date Collected: 09/19/11 16:05

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/30/11 01:11	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:12	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 20:30	FCW	TAL SEA

Client Sample ID: WSP-3-91911

Lab Sample ID: 580-28804-8

Date Collected: 09/19/11 16:55

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/30/11 00:46	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:13	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 20:35	FCW	TAL SEA

Lab Chronicle

Client: Washington State Dept of Corrections
Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-6D-91911

Lab Sample ID: 580-28804-9

Date Collected: 09/19/11 09:20

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/30/11 00:20	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:15	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 20:39	FCW	TAL SEA

Client Sample ID: WSP-12-92011

Lab Sample ID: 580-28804-10

Date Collected: 09/20/11 08:15

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/29/11 23:51	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:17	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 20:43	FCW	TAL SEA

Client Sample ID: WSP-5-92011

Lab Sample ID: 580-28804-11

Date Collected: 09/20/11 10:10

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/29/11 23:24	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:18	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 20:48	FCW	TAL SEA

Client Sample ID: WSP-11-92011

Lab Sample ID: 580-28804-12

Date Collected: 09/20/11 11:10

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/29/11 22:55	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:20	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 21:01	FCW	TAL SEA

Lab Chronicle

Client: Washington State Dept of Corrections
Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-10-92011

Lab Sample ID: 580-28804-13

Date Collected: 09/20/11 11:55

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/29/11 22:28	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:21	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 21:05	FCW	TAL SEA

Client Sample ID: WSP-13-92011

Lab Sample ID: 580-28804-14

Date Collected: 09/20/11 13:50

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/29/11 22:03	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:23	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 21:09	FCW	TAL SEA

Client Sample ID: WSP-14-92011

Lab Sample ID: 580-28804-15

Date Collected: 09/20/11 14:35

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/29/11 21:37	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 13:28	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:18	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 21:14	FCW	TAL SEA

Client Sample ID: WSP-14-92011R

Lab Sample ID: 580-28804-16

Date Collected: 09/20/11 14:45

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/29/11 21:12	SK	TAL SEA
Total/NA	Prep	7470A			96886	10/04/11 15:58	PAB	TAL SEA
Total/NA	Analysis	7470A		1	96988	10/05/11 12:53	FCW	TAL SEA
Total Recoverable	Prep	3005A			96880	10/04/11 15:19	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	97013	10/05/11 21:18	FCW	TAL SEA

Lab Chronicle

Client: Washington State Dept of Corrections
Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Client Sample ID: WSP-TB1

Lab Sample ID: 580-28804-17

Date Collected: 09/20/11 00:00

Matrix: Water

Date Received: 09/22/11 11:37

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	96501	09/29/11 20:46	SK	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310



Certification Summary

Client: Washington State Dept of Corrections
Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Seattle	Alaska	Alaska UST	10	UST-022
TestAmerica Seattle	Alaska	TA-Port Heiden Mobile Lab	10	UST-093
TestAmerica Seattle	California	NELAC	9	1115CA
TestAmerica Seattle	Florida	NELAC	4	E871074
TestAmerica Seattle	L-A-B	DoD ELAP		L2236
TestAmerica Seattle	L-A-B	ISO/IEC 17025		L2236
TestAmerica Seattle	Louisiana	NELAC	6	05016
TestAmerica Seattle	Montana	MT DEQ UST	8	N/A
TestAmerica Seattle	Oregon	NELAC	10	WA100007
TestAmerica Seattle	USDA	USDA		P330-11-00222
TestAmerica Seattle	Washington	State Program	10	C553

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Sample Summary

Client: Washington State Dept of Corrections
Project/Site: WSP R1/FS

TestAmerica Job ID: 580-28804-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-28804-1	WSP-6-91911	Water	09/19/11 09:15	09/22/11 11:37
580-28804-2	WSP-7-91911	Water	09/19/11 10:30	09/22/11 11:37
580-28804-3	WSP-8-91911	Water	09/19/11 11:45	09/22/11 11:37
580-28804-4	WSP-15-91911	Water	09/19/11 12:35	09/22/11 11:37
580-28804-5	WSP-9-91911	Water	09/19/11 13:40	09/22/11 11:37
580-28804-6	WSP-1-91911	Water	09/19/11 14:35	09/22/11 11:37
580-28804-7	WSP-2-91911	Water	09/19/11 16:05	09/22/11 11:37
580-28804-8	WSP-3-91911	Water	09/19/11 16:55	09/22/11 11:37
580-28804-9	WSP-6D-91911	Water	09/19/11 09:20	09/22/11 11:37
580-28804-10	WSP-12-92011	Water	09/20/11 08:15	09/22/11 11:37
580-28804-11	WSP-5-92011	Water	09/20/11 10:10	09/22/11 11:37
580-28804-12	WSP-11-92011	Water	09/20/11 11:10	09/22/11 11:37
580-28804-13	WSP-10-92011	Water	09/20/11 11:55	09/22/11 11:37
580-28804-14	WSP-13-92011	Water	09/20/11 13:50	09/22/11 11:37
580-28804-15	WSP-14-92011	Water	09/20/11 14:35	09/22/11 11:37
580-28804-16	WSP-14-92011R	Water	09/20/11 14:45	09/22/11 11:37
580-28804-17	WSP-TB1	Water	09/20/11 00:00	09/22/11 11:37

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.testamericainc.com

- Rush
 Short Hold

Chain of Custody Record

28804

Client DEPT OF CORRECTIONS			Client Contact ERIC HEINITZ			Date 9/21/11	Chain of Custody Number 14555
Address P.O. BOX 41112			Telephone Number (Area Code)/Fax Number 360-725-8397			Lab Number	Page 1 of 2

City OLYMPIA	State WA	Zip Code 98504-1112	Sampler S. Treanni E. Heinitz, L. Lindle	Lab Contact	Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt
Project Name and Location (State) WSP RI/FS			Billing Contact			

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives						PCE/TCE	Dis. Metals (MTEA)	
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH			
1 WSP-6-91911	9/19/11	0915		X										X	X
2 WSP-7-91911		1030													
3 WSP-8-91911		1145													
4 WSP-15-91911		1235													
5 WSP-9-91911		1340													
6 WSP-1-91911		1435													
7 WSP-2-91911		1605													
8 WSP-3-91911		1655													
9 WSP-6D-91911		0920													
10 WSP-12-92011	9/20/11	0920													
11 WSP-5-92011		1010													
12 WSP-11-92011		1110													

Cooler Yes No Cooler Temp: _____ Possible Hazard Identification Non-Hazard Flammable Skin Irritant Poison B Unknown Return To Client Archive For _____ Months Sample Disposal Disposal By Lab (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days) 24 Hours 48 Hours 5 Days 10 Days 15 Days Other _____ QC Requirements (Specify) **Tier II**

1. Relinquished By Sign/Print <i>[Signature]</i>	Date 22SEP11	Time 1137	1. Received By Sign/Print <i>[Signature]</i> / Blankinship	Date 9/22/11	Time 1137
2. Relinquished By Sign/Print	Date	Time	2. Received By Sign/Print	Date	Time
3. Relinquished By Sign/Print	Date	Time	3. Received By Sign/Print	Date	Time

Comments: **HNO3 rinsed out of containers - lab to filter metals bottles, EIM EDDs**

TestAmerica

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TestAmerica Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.testamericainc.com

Rush

Short Hold

Chain of Custody Record

28804

Client DEPT OF CORRECTIVS			Client Contact ERIC HEINITZ			Date 9/21/11	Chain of Custody Number 14556
Address P.O. BOX 47112			Telephone Number (Area Code)/Fax Number 360-725-8397			Lab Number	Page 2 of 2

City OLYMPIA	State WA	Zip Code 98504-1112	Sampler S. Treanni E. Heinitz, L. Linde	Lab Contact	Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt
Project Name and Location (State) WSP RI/FS			Billing Contact			

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives						Analysis	Special Instructions/ Conditions of Receipt		
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH				
13 WSP-10-92011	9/20/11	1155	X													
14 WSP-13-92011	↓	1350	↓													
15 WSP-14-92011	↓	1435	↓													
16 WSP-14-92011 R	↓	1445	↓													
17 WSP-TB1			↓													

PRETREAT
 Dis. Metals (MHA)

lg Blue/wh
 wet/other w/cs
 < client drop
 A2TB = 4.8/4.6

Cooler <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cooler Temp: _____	Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown	Sample Disposal <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	(A fee may be assessed if samples are retained longer than 1 month)
--	---	--	---

Turn Around Time Required (business days) <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 5 Days <input checked="" type="checkbox"/> 10 Days <input type="checkbox"/> 15 Days <input type="checkbox"/> Other _____	QC Requirements (Specify) Tier II
--	---

1. Relinquished By Sign/Print <i>[Signature]</i>	Date 22 Sep 11	Time 1137	1. Received By Sign/Print Tom [Signature] / Blankinship	Date 9/22/11	Time 1137
2. Relinquished By Sign/Print	Date	Time	2. Received By Sign/Print	Date	Time
3. Relinquished By Sign/Print	Date	Time	3. Received By Sign/Print	Date	Time

Comments
HNO₃ rinsed out of containers - cap to filter metals bottles, EIM EDDs

Login Sample Receipt Checklist

Client: Washington State Dept of Corrections

Job Number: 580-28804-1

Login Number: 28804

List Source: TestAmerica Seattle

List Number: 1

Creator: Blankinship, Tom

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	Not needed.
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

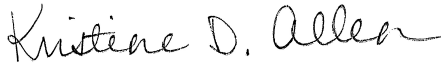
TestAmerica Job ID: 580-30331-1

Client Project/Site: WSP Ground Investigation

For:

Washington State Dept of Corrections
Department of Corrections
Administrative Services Division
PO BOX 41112 MS: 1112
Olympia, Washington 98504-1112

Attn: Eric F Heinitz



Authorized for release by:
12/29/2011 4:08:56 PM

Kristine Allen
Project Manager I
kristine.allen@testamericainc.com

LINKS

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results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Table of Contents

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Case Narrative

Client: Washington State Dept of Corrections
Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Job ID: 580-30331-1

Laboratory: TestAmerica Seattle

Narrative

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

No analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

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Definitions/Glossary

Client: Washington State Dept of Corrections
Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121311-01

Lab Sample ID: 580-30331-1

Date Collected: 12/13/11 13:10

Matrix: Water

Date Received: 12/15/11 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.52		0.10		ug/L			12/22/11 16:26	1
Tetrachloroethene	ND		0.10		ug/L			12/22/11 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	96		70 - 130					12/22/11 16:26	1
Trifluorotoluene (Surr)	105		80 - 125					12/22/11 16:26	1
Toluene-d8 (Surr)	97		75 - 125					12/22/11 16:26	1
Ethylbenzene-d10	105		75 - 125					12/22/11 16:26	1
4-Bromofluorobenzene (Surr)	104		75 - 120					12/22/11 16:26	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:23	12/27/11 12:14	5
Lead	ND		0.0020		mg/L		12/23/11 12:23	12/27/11 12:14	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:23	12/27/11 12:14	5
Chromium	ND		0.0020		mg/L		12/23/11 12:23	12/27/11 12:14	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/17/11 14:42	12/19/11 10:12	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121311-02

Lab Sample ID: 580-30331-2

Date Collected: 12/13/11 13:40

Matrix: Water

Date Received: 12/15/11 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	2.0		0.10		ug/L			12/22/11 16:51	1
Tetrachloroethene	ND		0.10		ug/L			12/22/11 16:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	97		70 - 130					12/22/11 16:51	1
Trifluorotoluene (Surr)	100		80 - 125					12/22/11 16:51	1
Toluene-d8 (Surr)	94		75 - 125					12/22/11 16:51	1
Ethylbenzene-d10	107		75 - 125					12/22/11 16:51	1
4-Bromofluorobenzene (Surr)	104		75 - 120					12/22/11 16:51	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:23	12/27/11 12:58	5
Lead	ND		0.0020		mg/L		12/23/11 12:23	12/27/11 12:58	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:23	12/27/11 12:58	5
Chromium	ND		0.0020		mg/L		12/23/11 12:23	12/27/11 12:58	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/17/11 14:42	12/19/11 10:15	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121311-03

Lab Sample ID: 580-30331-3

Date Collected: 12/13/11 15:07

Matrix: Water

Date Received: 12/15/11 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.8		0.10		ug/L			12/22/11 17:17	1
Tetrachloroethene	ND		0.10		ug/L			12/22/11 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Fluorobenzene (Surr)</i>	98		70 - 130					12/22/11 17:17	1
<i>Trifluorotoluene (Surr)</i>	101		80 - 125					12/22/11 17:17	1
<i>Toluene-d8 (Surr)</i>	94		75 - 125					12/22/11 17:17	1
<i>Ethylbenzene-d10</i>	104		75 - 125					12/22/11 17:17	1
<i>4-Bromofluorobenzene (Surr)</i>	103		75 - 120					12/22/11 17:17	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:23	12/27/11 13:03	5
Lead	ND		0.0020		mg/L		12/23/11 12:23	12/27/11 13:03	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:23	12/27/11 13:03	5
Chromium	0.0022		0.0020		mg/L		12/23/11 12:23	12/27/11 13:03	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/17/11 14:42	12/19/11 10:21	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121311-06

Lab Sample ID: 580-30331-4

Date Collected: 12/13/11 09:05

Matrix: Water

Date Received: 12/15/11 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			12/22/11 17:45	1
Tetrachloroethene	ND		0.10		ug/L			12/22/11 17:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	100		70 - 130					12/22/11 17:45	1
Trifluorotoluene (Surr)	106		80 - 125					12/22/11 17:45	1
Toluene-d8 (Surr)	100		75 - 125					12/22/11 17:45	1
Ethylbenzene-d10	110		75 - 125					12/22/11 17:45	1
4-Bromofluorobenzene (Surr)	110		75 - 120					12/22/11 17:45	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:23	12/27/11 13:08	5
Lead	ND		0.0020		mg/L		12/23/11 12:23	12/27/11 13:08	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:23	12/27/11 13:08	5
Chromium	ND		0.0020		mg/L		12/23/11 12:23	12/27/11 13:08	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/17/11 14:42	12/19/11 10:23	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121311-07

Lab Sample ID: 580-30331-5

Date Collected: 12/13/11 10:37

Matrix: Water

Date Received: 12/15/11 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			12/22/11 18:12	1
Tetrachloroethene	ND		0.10		ug/L			12/22/11 18:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	94		70 - 130					12/22/11 18:12	1
Trifluorotoluene (Surr)	105		80 - 125					12/22/11 18:12	1
Toluene-d8 (Surr)	96		75 - 125					12/22/11 18:12	1
Ethylbenzene-d10	103		75 - 125					12/22/11 18:12	1
4-Bromofluorobenzene (Surr)	101		75 - 120					12/22/11 18:12	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:24	12/27/11 13:13	5
Lead	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:13	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:13	5
Chromium	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:13	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/17/11 14:42	12/19/11 10:26	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121311-08

Lab Sample ID: 580-30331-6

Date Collected: 12/13/11 11:15

Matrix: Water

Date Received: 12/15/11 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	2.3		0.10		ug/L			12/22/11 18:38	1
Tetrachloroethene	ND		0.10		ug/L			12/22/11 18:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	98		70 - 130					12/22/11 18:38	1
Trifluorotoluene (Surr)	102		80 - 125					12/22/11 18:38	1
Toluene-d8 (Surr)	95		75 - 125					12/22/11 18:38	1
Ethylbenzene-d10	106		75 - 125					12/22/11 18:38	1
4-Bromofluorobenzene (Surr)	104		75 - 120					12/22/11 18:38	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:24	12/27/11 13:18	5
Lead	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:18	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:18	5
Chromium	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:18	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/17/11 14:42	12/19/11 10:28	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121311-09

Lab Sample ID: 580-30331-7

Date Collected: 12/13/11 12:35

Matrix: Water

Date Received: 12/15/11 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.3		0.10		ug/L			12/22/11 19:04	1
Tetrachloroethene	0.33		0.10		ug/L			12/22/11 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	97		70 - 130					12/22/11 19:04	1
Trifluorotoluene (Surr)	100		80 - 125					12/22/11 19:04	1
Toluene-d8 (Surr)	94		75 - 125					12/22/11 19:04	1
Ethylbenzene-d10	107		75 - 125					12/22/11 19:04	1
4-Bromofluorobenzene (Surr)	105		75 - 120					12/22/11 19:04	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:24	12/27/11 13:23	5
Lead	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:23	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:23	5
Chromium	0.0027		0.0020		mg/L		12/23/11 12:24	12/27/11 13:23	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/19/11 12:16	12/19/11 14:11	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121311-14

Lab Sample ID: 580-30331-8

Date Collected: 12/13/11 14:50

Matrix: Water

Date Received: 12/15/11 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.75		0.10		ug/L			12/22/11 19:29	1
Tetrachloroethene	0.79		0.10		ug/L			12/22/11 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	96		70 - 130					12/22/11 19:29	1
Trifluorotoluene (Surr)	98		80 - 125					12/22/11 19:29	1
Toluene-d8 (Surr)	94		75 - 125					12/22/11 19:29	1
Ethylbenzene-d10	104		75 - 125					12/22/11 19:29	1
4-Bromofluorobenzene (Surr)	103		75 - 120					12/22/11 19:29	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:24	12/27/11 13:28	5
Lead	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:28	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:28	5
Chromium	0.0039		0.0020		mg/L		12/23/11 12:24	12/27/11 13:28	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/19/11 12:16	12/19/11 14:24	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121411-5

Lab Sample ID: 580-30331-9

Date Collected: 12/14/11 13:48

Matrix: Water

Date Received: 12/15/11 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			12/22/11 19:55	1
Tetrachloroethene	1.3		0.10		ug/L			12/22/11 19:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	96		70 - 130					12/22/11 19:55	1
Trifluorotoluene (Surr)	106		80 - 125					12/22/11 19:55	1
Toluene-d8 (Surr)	95		75 - 125					12/22/11 19:55	1
Ethylbenzene-d10	101		75 - 125					12/22/11 19:55	1
4-Bromofluorobenzene (Surr)	101		75 - 120					12/22/11 19:55	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:24	12/27/11 13:33	5
Lead	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:33	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:33	5
Chromium	0.017		0.0020		mg/L		12/23/11 12:24	12/27/11 13:33	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/19/11 12:16	12/19/11 14:26	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121411-10

Lab Sample ID: 580-30331-10

Date Collected: 12/14/11 12:15

Matrix: Water

Date Received: 12/15/11 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.52		0.10		ug/L			12/22/11 20:21	1
Tetrachloroethene	0.13		0.10		ug/L			12/22/11 20:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	96		70 - 130					12/22/11 20:21	1
Trifluorotoluene (Surr)	104		80 - 125					12/22/11 20:21	1
Toluene-d8 (Surr)	96		75 - 125					12/22/11 20:21	1
Ethylbenzene-d10	100		75 - 125					12/22/11 20:21	1
4-Bromofluorobenzene (Surr)	99		75 - 120					12/22/11 20:21	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:24	12/27/11 13:37	5
Lead	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:37	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:37	5
Chromium	0.0065		0.0020		mg/L		12/23/11 12:24	12/27/11 13:37	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/19/11 12:16	12/19/11 14:28	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121411-11

Lab Sample ID: 580-30331-11

Date Collected: 12/14/11 12:53

Matrix: Water

Date Received: 12/15/11 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.48		0.10		ug/L			12/22/11 20:46	1
Tetrachloroethene	1.9		0.10		ug/L			12/22/11 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	95		70 - 130					12/22/11 20:46	1
Trifluorotoluene (Surr)	99		80 - 125					12/22/11 20:46	1
Toluene-d8 (Surr)	93		75 - 125					12/22/11 20:46	1
Ethylbenzene-d10	104		75 - 125					12/22/11 20:46	1
4-Bromofluorobenzene (Surr)	101		75 - 120					12/22/11 20:46	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:24	12/27/11 13:42	5
Lead	0.0023		0.0020		mg/L		12/23/11 12:24	12/27/11 13:42	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:42	5
Chromium	0.0062		0.0020		mg/L		12/23/11 12:24	12/27/11 13:42	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/19/11 12:16	12/19/11 14:31	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121411-12

Lab Sample ID: 580-30331-12

Date Collected: 12/14/11 14:54

Matrix: Water

Date Received: 12/15/11 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.94		0.10		ug/L			12/22/11 21:14	1
Tetrachloroethene	0.32		0.10		ug/L			12/22/11 21:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	95		70 - 130					12/22/11 21:14	1
Trifluorotoluene (Surr)	99		80 - 125					12/22/11 21:14	1
Toluene-d8 (Surr)	94		75 - 125					12/22/11 21:14	1
Ethylbenzene-d10	102		75 - 125					12/22/11 21:14	1
4-Bromofluorobenzene (Surr)	98		75 - 120					12/22/11 21:14	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:24	12/27/11 13:57	5
Lead	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:57	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 13:57	5
Chromium	0.0045		0.0020		mg/L		12/23/11 12:24	12/27/11 13:57	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/19/11 12:16	12/19/11 14:33	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121411-13

Lab Sample ID: 580-30331-13

Date Collected: 12/14/11 10:37

Matrix: Water

Date Received: 12/15/11 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			12/22/11 21:40	1
Tetrachloroethene	0.27		0.10		ug/L			12/22/11 21:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	93		70 - 130					12/22/11 21:40	1
Trifluorotoluene (Surr)	98		80 - 125					12/22/11 21:40	1
Toluene-d8 (Surr)	93		75 - 125					12/22/11 21:40	1
Ethylbenzene-d10	101		75 - 125					12/22/11 21:40	1
4-Bromofluorobenzene (Surr)	102		75 - 120					12/22/11 21:40	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:24	12/27/11 14:02	5
Lead	0.0023		0.0020		mg/L		12/23/11 12:24	12/27/11 14:02	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 14:02	5
Chromium	0.0055		0.0020		mg/L		12/23/11 12:24	12/27/11 14:02	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/19/11 12:16	12/19/11 14:35	1

Client Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121411-15

Lab Sample ID: 580-30331-14

Date Collected: 12/14/11 09:50

Matrix: Water

Date Received: 12/15/11 15:30

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			12/22/11 22:05	1
Tetrachloroethene	ND		0.10		ug/L			12/22/11 22:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	97		70 - 130					12/22/11 22:05	1
Trifluorotoluene (Surr)	95		80 - 125					12/22/11 22:05	1
Toluene-d8 (Surr)	93		75 - 125					12/22/11 22:05	1
Ethylbenzene-d10	101		75 - 125					12/22/11 22:05	1
4-Bromofluorobenzene (Surr)	101		75 - 120					12/22/11 22:05	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:24	12/27/11 14:07	5
Lead	0.0034		0.0020		mg/L		12/23/11 12:24	12/27/11 14:07	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 14:07	5
Chromium	0.012		0.0020		mg/L		12/23/11 12:24	12/27/11 14:07	5

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/19/11 12:16	12/19/11 14:37	1

QC Sample Results

Client: Washington State Dept of Corrections
Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 580-102603/5

Matrix: Water

Analysis Batch: 102603

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		0.10		ug/L			12/22/11 14:44	1
Tetrachloroethene	ND		0.10		ug/L			12/22/11 14:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Fluorobenzene (Surr)	95		70 - 130		12/22/11 14:44	1
Trifluorotoluene (Surr)	107		80 - 125		12/22/11 14:44	1
Toluene-d8 (Surr)	97		75 - 125		12/22/11 14:44	1
Ethylbenzene-d10	106		75 - 125		12/22/11 14:44	1
4-Bromofluorobenzene (Surr)	103		75 - 120		12/22/11 14:44	1

Lab Sample ID: LCS 580-102603/6

Matrix: Water

Analysis Batch: 102603

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	4.65	4.80		ug/L		103	80 - 130
Tetrachloroethene	4.66	4.42		ug/L		95	40 - 180

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Fluorobenzene (Surr)	96		70 - 130
Trifluorotoluene (Surr)	111		80 - 125
Toluene-d8 (Surr)	98		75 - 125
Ethylbenzene-d10	105		75 - 125
4-Bromofluorobenzene (Surr)	109		75 - 120

Lab Sample ID: LCSD 580-102603/7

Matrix: Water

Analysis Batch: 102603

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Trichloroethene	4.65	5.14		ug/L		110	80 - 130	7	20
Tetrachloroethene	4.66	4.40		ug/L		95	40 - 180	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Fluorobenzene (Surr)	97		70 - 130
Trifluorotoluene (Surr)	115		80 - 125
Toluene-d8 (Surr)	100		75 - 125
Ethylbenzene-d10	104		75 - 125
4-Bromofluorobenzene (Surr)	109		75 - 120

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 580-102658/21-A

Matrix: Water

Analysis Batch: 102729

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 102658

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		12/23/11 12:24	12/27/11 12:05	5

QC Sample Results

Client: Washington State Dept of Corrections
Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 580-102658/21-A

Matrix: Water

Analysis Batch: 102729

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 102658

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 12:05	5
Cadmium	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 12:05	5
Chromium	ND		0.0020		mg/L		12/23/11 12:24	12/27/11 12:05	5

Lab Sample ID: LCS 580-102658/22-A

Matrix: Water

Analysis Batch: 102729

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 102658

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	4.00	4.06		mg/L		101	80 - 120
Lead	1.00	1.01		mg/L		101	80 - 120
Cadmium	0.100	0.0929		mg/L		93	80 - 120
Chromium	0.400	0.380		mg/L		95	80 - 120

Lab Sample ID: LCSD 580-102658/23-A

Matrix: Water

Analysis Batch: 102729

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 102658

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	4.00	4.08		mg/L		102	80 - 120	0	20
Lead	1.00	1.02		mg/L		102	80 - 120	1	20
Cadmium	0.100	0.0869		mg/L		87	80 - 120	7	20
Chromium	0.400	0.382		mg/L		95	80 - 120	1	20

Lab Sample ID: 580-30331-1 MS

Matrix: Water

Analysis Batch: 102729

Client Sample ID: 121311-01

Prep Type: Total Recoverable

Prep Batch: 102658

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		4.00	4.32		mg/L		108	80 - 120
Lead	ND		1.00	1.06		mg/L		106	80 - 120
Cadmium	ND		0.100	0.0968		mg/L		97	80 - 120
Chromium	ND		0.400	0.408		mg/L		102	80 - 120

Lab Sample ID: 580-30331-1 MSD

Matrix: Water

Analysis Batch: 102729

Client Sample ID: 121311-01

Prep Type: Total Recoverable

Prep Batch: 102658

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		4.00	4.32		mg/L		108	80 - 120	0	20
Lead	ND		1.00	1.06		mg/L		106	80 - 120	0	20
Cadmium	ND		0.100	0.0951		mg/L		95	80 - 120	2	20
Chromium	ND		0.400	0.407		mg/L		102	80 - 120	0	20

Lab Sample ID: 580-30331-1 DU

Matrix: Water

Analysis Batch: 102729

Client Sample ID: 121311-01

Prep Type: Total Recoverable

Prep Batch: 102658

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	ND		ND		mg/L		NC	20
Lead	ND		ND		mg/L		NC	20

QC Sample Results

Client: Washington State Dept of Corrections
Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 580-30331-1 DU

Matrix: Water

Analysis Batch: 102729

Client Sample ID: 121311-01

Prep Type: Total Recoverable

Prep Batch: 102658

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Cadmium	ND		ND		mg/L		NC	20
Chromium	ND		ND		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 580-102255/21-A

Matrix: Water

Analysis Batch: 102308

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102255

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020		mg/L		12/17/11 14:42	12/19/11 09:35	1

Lab Sample ID: LCS 580-102255/22-A

Matrix: Water

Analysis Batch: 102308

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102255

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits

Lab Sample ID: LCSD 580-102255/23-A

Matrix: Water

Analysis Batch: 102308

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102255

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit

Lab Sample ID: MB 580-102329/13-A

Matrix: Water

Analysis Batch: 102349

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 102329

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020		mg/L		12/19/11 12:16	12/19/11 14:04	1

Lab Sample ID: LCS 580-102329/14-A

Matrix: Water

Analysis Batch: 102349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 102329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits

Lab Sample ID: LCSD 580-102329/15-A

Matrix: Water

Analysis Batch: 102349

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 102329

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit

QC Sample Results

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 580-30331-7 MS

Matrix: Water

Analysis Batch: 102349

Client Sample ID: 121311-09

Prep Type: Total/NA

Prep Batch: 102329

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Mercury	ND		0.00200	0.00193		mg/L		96	80 - 120

Lab Sample ID: 580-30331-7 MSD

Matrix: Water

Analysis Batch: 102349

Client Sample ID: 121311-09

Prep Type: Total/NA

Prep Batch: 102329

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Mercury	ND		0.00200	0.00185		mg/L		92	80 - 120	4	20

Lab Sample ID: 580-30331-7 DU

Matrix: Water

Analysis Batch: 102349

Client Sample ID: 121311-09

Prep Type: Total/NA

Prep Batch: 102329

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	ND		ND		mg/L		NC	20

Lab Chronicle

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121311-01

Lab Sample ID: 580-30331-1

Date Collected: 12/13/11 13:10

Matrix: Water

Date Received: 12/15/11 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102603	12/22/11 16:26	MAT	TAL SEA
Total/NA	Prep	7470A			102255	12/17/11 14:42	ZF	TAL SEA
Total/NA	Analysis	7470A		1	102308	12/19/11 10:12	FCW	TAL SEA
Total Recoverable	Prep	3005A			102658	12/23/11 12:23	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	102729	12/27/11 12:14	FCW	TAL SEA

Client Sample ID: 121311-02

Lab Sample ID: 580-30331-2

Date Collected: 12/13/11 13:40

Matrix: Water

Date Received: 12/15/11 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102603	12/22/11 16:51	MAT	TAL SEA
Total/NA	Prep	7470A			102255	12/17/11 14:42	ZF	TAL SEA
Total/NA	Analysis	7470A		1	102308	12/19/11 10:15	FCW	TAL SEA
Total Recoverable	Prep	3005A			102658	12/23/11 12:23	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	102729	12/27/11 12:58	FCW	TAL SEA

Client Sample ID: 121311-03

Lab Sample ID: 580-30331-3

Date Collected: 12/13/11 15:07

Matrix: Water

Date Received: 12/15/11 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102603	12/22/11 17:17	MAT	TAL SEA
Total/NA	Prep	7470A			102255	12/17/11 14:42	ZF	TAL SEA
Total/NA	Analysis	7470A		1	102308	12/19/11 10:21	FCW	TAL SEA
Total Recoverable	Prep	3005A			102658	12/23/11 12:23	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	102729	12/27/11 13:03	FCW	TAL SEA

Client Sample ID: 121311-06

Lab Sample ID: 580-30331-4

Date Collected: 12/13/11 09:05

Matrix: Water

Date Received: 12/15/11 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102603	12/22/11 17:45	MAT	TAL SEA
Total/NA	Prep	7470A			102255	12/17/11 14:42	ZF	TAL SEA
Total/NA	Analysis	7470A		1	102308	12/19/11 10:23	FCW	TAL SEA
Total Recoverable	Prep	3005A			102658	12/23/11 12:23	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	102729	12/27/11 13:08	FCW	TAL SEA

Lab Chronicle

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121311-07

Lab Sample ID: 580-30331-5

Date Collected: 12/13/11 10:37

Matrix: Water

Date Received: 12/15/11 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102603	12/22/11 18:12	MAT	TAL SEA
Total/NA	Prep	7470A			102255	12/17/11 14:42	ZF	TAL SEA
Total/NA	Analysis	7470A		1	102308	12/19/11 10:26	FCW	TAL SEA
Total Recoverable	Prep	3005A			102658	12/23/11 12:24	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	102729	12/27/11 13:13	FCW	TAL SEA

Client Sample ID: 121311-08

Lab Sample ID: 580-30331-6

Date Collected: 12/13/11 11:15

Matrix: Water

Date Received: 12/15/11 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102603	12/22/11 18:38	MAT	TAL SEA
Total/NA	Prep	7470A			102255	12/17/11 14:42	ZF	TAL SEA
Total/NA	Analysis	7470A		1	102308	12/19/11 10:28	FCW	TAL SEA
Total Recoverable	Prep	3005A			102658	12/23/11 12:24	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	102729	12/27/11 13:18	FCW	TAL SEA

Client Sample ID: 121311-09

Lab Sample ID: 580-30331-7

Date Collected: 12/13/11 12:35

Matrix: Water

Date Received: 12/15/11 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102603	12/22/11 19:04	MAT	TAL SEA
Total/NA	Prep	7470A			102329	12/19/11 12:16	PAB	TAL SEA
Total/NA	Analysis	7470A		1	102349	12/19/11 14:11	FCW	TAL SEA
Total Recoverable	Prep	3005A			102658	12/23/11 12:24	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	102729	12/27/11 13:23	FCW	TAL SEA

Client Sample ID: 121311-14

Lab Sample ID: 580-30331-8

Date Collected: 12/13/11 14:50

Matrix: Water

Date Received: 12/15/11 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102603	12/22/11 19:29	MAT	TAL SEA
Total/NA	Prep	7470A			102329	12/19/11 12:16	PAB	TAL SEA
Total/NA	Analysis	7470A		1	102349	12/19/11 14:24	FCW	TAL SEA
Total Recoverable	Prep	3005A			102658	12/23/11 12:24	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	102729	12/27/11 13:28	FCW	TAL SEA

Lab Chronicle

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121411-5

Lab Sample ID: 580-30331-9

Date Collected: 12/14/11 13:48

Matrix: Water

Date Received: 12/15/11 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102603	12/22/11 19:55	MAT	TAL SEA
Total/NA	Prep	7470A			102329	12/19/11 12:16	PAB	TAL SEA
Total/NA	Analysis	7470A		1	102349	12/19/11 14:26	FCW	TAL SEA
Total Recoverable	Prep	3005A			102658	12/23/11 12:24	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	102729	12/27/11 13:33	FCW	TAL SEA

Client Sample ID: 121411-10

Lab Sample ID: 580-30331-10

Date Collected: 12/14/11 12:15

Matrix: Water

Date Received: 12/15/11 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102603	12/22/11 20:21	MAT	TAL SEA
Total/NA	Prep	7470A			102329	12/19/11 12:16	PAB	TAL SEA
Total/NA	Analysis	7470A		1	102349	12/19/11 14:28	FCW	TAL SEA
Total Recoverable	Prep	3005A			102658	12/23/11 12:24	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	102729	12/27/11 13:37	FCW	TAL SEA

Client Sample ID: 121411-11

Lab Sample ID: 580-30331-11

Date Collected: 12/14/11 12:53

Matrix: Water

Date Received: 12/15/11 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102603	12/22/11 20:46	MAT	TAL SEA
Total/NA	Prep	7470A			102329	12/19/11 12:16	PAB	TAL SEA
Total/NA	Analysis	7470A		1	102349	12/19/11 14:31	FCW	TAL SEA
Total Recoverable	Prep	3005A			102658	12/23/11 12:24	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	102729	12/27/11 13:42	FCW	TAL SEA

Client Sample ID: 121411-12

Lab Sample ID: 580-30331-12

Date Collected: 12/14/11 14:54

Matrix: Water

Date Received: 12/15/11 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102603	12/22/11 21:14	MAT	TAL SEA
Total/NA	Prep	7470A			102329	12/19/11 12:16	PAB	TAL SEA
Total/NA	Analysis	7470A		1	102349	12/19/11 14:33	FCW	TAL SEA
Total Recoverable	Prep	3005A			102658	12/23/11 12:24	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	102729	12/27/11 13:57	FCW	TAL SEA

Lab Chronicle

Client: Washington State Dept of Corrections
 Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Client Sample ID: 121411-13

Lab Sample ID: 580-30331-13

Date Collected: 12/14/11 10:37

Matrix: Water

Date Received: 12/15/11 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102603	12/22/11 21:40	MAT	TAL SEA
Total/NA	Prep	7470A			102329	12/19/11 12:16	PAB	TAL SEA
Total/NA	Analysis	7470A		1	102349	12/19/11 14:35	FCW	TAL SEA
Total Recoverable	Prep	3005A			102658	12/23/11 12:24	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	102729	12/27/11 14:02	FCW	TAL SEA

Client Sample ID: 121411-15

Lab Sample ID: 580-30331-14

Date Collected: 12/14/11 09:50

Matrix: Water

Date Received: 12/15/11 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	102603	12/22/11 22:05	MAT	TAL SEA
Total/NA	Prep	7470A			102329	12/19/11 12:16	PAB	TAL SEA
Total/NA	Analysis	7470A		1	102349	12/19/11 14:37	FCW	TAL SEA
Total Recoverable	Prep	3005A			102658	12/23/11 12:24	PAB	TAL SEA
Total Recoverable	Analysis	6020		5	102729	12/27/11 14:07	FCW	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Certification Summary

Client: Washington State Dept of Corrections
Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Seattle	Alaska	Alaska UST	10	UST-022
TestAmerica Seattle	Alaska	TA-Port Heiden Mobile Lab	10	UST-093
TestAmerica Seattle	California	NELAC	9	1115CA
TestAmerica Seattle	Florida	NELAC	4	E871074
TestAmerica Seattle	L-A-B	DoD ELAP		L2236
TestAmerica Seattle	L-A-B	ISO/IEC 17025		L2236
TestAmerica Seattle	Louisiana	NELAC	6	05016
TestAmerica Seattle	Montana	MT DEQ UST	8	N/A
TestAmerica Seattle	Oregon	NELAC	10	WA100007
TestAmerica Seattle	USDA	USDA		P330-11-00222
TestAmerica Seattle	Washington	State Program	10	C553

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Sample Summary

Client: Washington State Dept of Corrections
Project/Site: WSP Ground Investigation

TestAmerica Job ID: 580-30331-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-30331-1	121311-01	Water	12/13/11 13:10	12/15/11 15:30
580-30331-2	121311-02	Water	12/13/11 13:40	12/15/11 15:30
580-30331-3	121311-03	Water	12/13/11 15:07	12/15/11 15:30
580-30331-4	121311-06	Water	12/13/11 09:05	12/15/11 15:30
580-30331-5	121311-07	Water	12/13/11 10:37	12/15/11 15:30
580-30331-6	121311-08	Water	12/13/11 11:15	12/15/11 15:30
580-30331-7	121311-09	Water	12/13/11 12:35	12/15/11 15:30
580-30331-8	121311-14	Water	12/13/11 14:50	12/15/11 15:30
580-30331-9	121411-5	Water	12/14/11 13:48	12/15/11 15:30
580-30331-10	121411-10	Water	12/14/11 12:15	12/15/11 15:30
580-30331-11	121411-11	Water	12/14/11 12:53	12/15/11 15:30
580-30331-12	121411-12	Water	12/14/11 14:54	12/15/11 15:30
580-30331-13	121411-13	Water	12/14/11 10:37	12/15/11 15:30
580-30331-14	121411-15	Water	12/14/11 09:50	12/15/11 15:30

estAmerica
HE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.testamericainc.com

Rush
 Short Hold

Chain of
Custody Record

Client **DOC - WSP** Client Contact **ERIC HENRIKZ** Date **15 DEC 11** Chain of Custody Number **12559**

Address **P.O. BOX 41112** Telephone Number (Area Code)/Fax Number **360-725-8377** Lab Number **30331** Page **1** of **2**

City **OLYMPIA WA** State **WA** Zip Code **98504-1112** Sampler **EFH/SLT** Lab Contact

Project Name and Location (State) **WSP GROUND INVESTIGATION** Billing Contact

Contract/Purchase Order/Quote No. **1982**

Matrix Containers & Preservatives
Air Aqueous Sed. Soil Unpres. H2SO4 HNO3 HCl NaOH ZnAc/NaOH

Sample I.D. and Location/Description <small>Containers for each sample may be combined on one line)</small>	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt
21311-01	12-13-11	1230	X				1						TCE, PCE metals	
21311-02	12-13-11	1340	X				1							
21311-03	12-13-11	1507	X				1							
21311-06	12-13-11	905	X				1							
21311-07	12-13-11	1037	X				1							
21311-08	12-13-11	1115	X				1							
21311-09	12-13-11	1235	X				1							
21311-14	12-13-11	1450	X				1							
21411-5	12-14-11	1348	X				1							
21411-10	12-14-11	1215	X				1							
21411-11	12-14-11	1253	X				1							
21411-12	12-14-11	1454	X				1							

Cooler/DBP **DIAR** cool/c warm
Cooler Disc **blue** label @ Lab
WetPacks **Packing bubble**
Crimt **Drep**
w/o **HR**

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

QC Requirements (Specify)
Relinquished By Sign/Print **Eric Henrikz** Date **15 DEC 11** Time **1530**
Relinquished By Sign/Print **Jillian Palmquist** Date **12/15/11** Time **1530**
Relinquished By Sign/Print Date Time
Relinquished By Sign/Print Date Time

Comments
DISTRIBUTION: WHITE - Stays with the Samples. CANARY - Returned to Client with Report; PINK - Field Copy
TAL-8274-580 (0210)

Login Sample Receipt Checklist

Client: Washington State Dept of Corrections

Job Number: 580-30331-1

Login Number: 30331

List Source: TestAmerica Seattle

List Number: 1

Creator: Palmquist, Jill

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.