



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

June 27, 2014

Ted Sykes  
Earth Solutions NW, LLC  
1805 136<sup>th</sup> Place NE, Suite #201  
Bellevue, WA 98005

Re: Analytical Data for Project ES-2880.05  
Laboratory Reference No. 1406-192

Dear Ted:

Enclosed are the analytical results and associated quality control data for samples submitted on June 23, 2014.

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 27, 2014  
Samples Submitted: June 23, 2014  
Laboratory Reference: 1406-192  
Project: ES-2880.05

#### Case Narrative

Samples were collected on June 23, 2014 and received by the laboratory on June 23, 2014. 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: June 27, 2014  
 Samples Submitted: June 23, 2014  
 Laboratory Reference: 1406-192  
 Project: ES-2880.05

**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-1</b>					
Laboratory ID:	06-192-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Chloromethane	ND	1.0	EPA 8260C	6-24-14	6-24-14	
Vinyl Chloride	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Bromomethane	ND	0.35	EPA 8260C	6-24-14	6-24-14	
Chloroethane	ND	1.0	EPA 8260C	6-24-14	6-24-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Acetone	7.8	5.0	EPA 8260C	6-24-14	6-24-14	
Iodomethane	ND	1.3	EPA 8260C	6-24-14	6-24-14	
Carbon Disulfide	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-24-14	6-24-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-24-14	6-24-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
2-Butanone	ND	5.0	EPA 8260C	6-24-14	6-24-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Chloroform	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Benzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Trichloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Dibromomethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-24-14	6-24-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-24-14	6-24-14	
Toluene	ND	1.0	EPA 8260C	6-24-14	6-24-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-24-14	6-24-14	

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**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-1</b>					
<b>Laboratory ID:</b>	<b>06-192-01</b>					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Tetrachloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
2-Hexanone	ND	2.0	EPA 8260C	6-24-14	6-24-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-24-14	6-24-14	
o-Xylene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Styrene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Bromoform	ND	1.0	EPA 8260C	6-24-14	6-24-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Bromobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Naphthalene	ND	1.0	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	96	62-122				
<i>Toluene-d8</i>	96	70-120				
<i>4-Bromofluorobenzene</i>	94	71-120				

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**VOLATILES EPA 8260C**  
 page 1 of 2

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-2</b>					
<b>Laboratory ID:</b>	<b>06-192-02</b>					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Chloromethane	ND	1.0	EPA 8260C	6-24-14	6-24-14	
Vinyl Chloride	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Bromomethane	ND	0.35	EPA 8260C	6-24-14	6-24-14	
Chloroethane	ND	1.0	EPA 8260C	6-24-14	6-24-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Acetone	ND	5.0	EPA 8260C	6-24-14	6-24-14	
Iodomethane	ND	1.3	EPA 8260C	6-24-14	6-24-14	
Carbon Disulfide	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-24-14	6-24-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-24-14	6-24-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
2-Butanone	ND	5.0	EPA 8260C	6-24-14	6-24-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Chloroform	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Benzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Trichloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Dibromomethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-24-14	6-24-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-24-14	6-24-14	
Toluene	ND	1.0	EPA 8260C	6-24-14	6-24-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-24-14	6-24-14	

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**VOLATILES EPA 8260C**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
<b>Client ID:</b>	<b>MW-2</b>					
Laboratory ID:	06-192-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Tetrachloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
2-Hexanone	ND	2.0	EPA 8260C	6-24-14	6-24-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-24-14	6-24-14	
o-Xylene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Styrene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Bromoform	ND	1.0	EPA 8260C	6-24-14	6-24-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Bromobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Naphthalene	ND	1.0	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	99	62-122				
<i>Toluene-d8</i>	102	70-120				
<i>4-Bromofluorobenzene</i>	99	71-120				

Date of Report: June 27, 2014  
 Samples Submitted: June 23, 2014  
 Laboratory Reference: 1406-192  
 Project: ES-2880.05

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

Matrix: Water  
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0624W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Chloromethane	ND	1.0	EPA 8260C	6-24-14	6-24-14	
Vinyl Chloride	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Bromomethane	ND	0.35	EPA 8260C	6-24-14	6-24-14	
Chloroethane	ND	1.0	EPA 8260C	6-24-14	6-24-14	
Trichlorofluoromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Acetone	ND	5.0	EPA 8260C	6-24-14	6-24-14	
Iodomethane	ND	1.3	EPA 8260C	6-24-14	6-24-14	
Carbon Disulfide	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Methylene Chloride	ND	1.0	EPA 8260C	6-24-14	6-24-14	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Vinyl Acetate	ND	1.0	EPA 8260C	6-24-14	6-24-14	
2,2-Dichloropropane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
2-Butanone	ND	5.0	EPA 8260C	6-24-14	6-24-14	
Bromochloromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Chloroform	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Carbon Tetrachloride	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1-Dichloropropene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Benzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Trichloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dichloropropane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Dibromomethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Bromodichloromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	6-24-14	6-24-14	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	6-24-14	6-24-14	
Toluene	ND	1.0	EPA 8260C	6-24-14	6-24-14	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	6-24-14	6-24-14	

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**VOLATILES by EPA 8260C**  
**METHOD BLANK QUALITY CONTROL**  
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0624W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Tetrachloroethene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,3-Dichloropropane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
2-Hexanone	ND	2.0	EPA 8260C	6-24-14	6-24-14	
Dibromochloromethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromoethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Chlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Ethylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
m,p-Xylene	ND	0.40	EPA 8260C	6-24-14	6-24-14	
o-Xylene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Styrene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Bromoform	ND	1.0	EPA 8260C	6-24-14	6-24-14	
Isopropylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Bromobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	6-24-14	6-24-14	
n-Propylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
2-Chlorotoluene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
4-Chlorotoluene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
tert-Butylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
sec-Butylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
p-Isopropyltoluene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
n-Butylbenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	6-24-14	6-24-14	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Hexachlorobutadiene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
Naphthalene	ND	1.0	EPA 8260C	6-24-14	6-24-14	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	6-24-14	6-24-14	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	92	62-122				
<i>Toluene-d8</i>	99	70-120				
<i>4-Bromofluorobenzene</i>	99	71-120				

Date of Report: June 27, 2014  
 Samples Submitted: June 23, 2014  
 Laboratory Reference: 1406-192  
 Project: ES-2880.05

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

Matrix: Water  
 Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	Limit			
<b>SPIKE BLANKS</b>										
Laboratory ID:	SB0624W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	9.06	8.41	10.0	10.0	91	84	63-142	7	17	
Benzene	8.64	8.34	10.0	10.0	86	83	78-125	4	15	
Trichloroethene	8.08	7.76	10.0	10.0	81	78	75-125	4	15	
Toluene	9.42	8.79	10.0	10.0	94	88	80-125	7	15	
Chlorobenzene	8.82	8.26	10.0	10.0	88	83	80-140	7	15	
<i>Surrogate:</i>										
<i>Dibromofluoromethane</i>					92	97	62-122			
<i>Toluene-d8</i>					95	95	70-120			
<i>4-Bromofluorobenzene</i>					99	97	71-120			



#### 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.
- X1 - Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y - The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



**Onsite Environmental Inc.**

Analytical Laboratory Testing Services  
 14649 NE 96th Street • Redmond, WA 98052  
 Phone: (425) 893-3881 • www.onsite-erw.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: **06-192**

Company: **Earle Solutions NW**  
 Project Number: **ES-2880.05**  
 Project Name: **PATLA VI/VAGE RIEKLAND**  
 Project Manager: **Ted Sykes**  
 Sampled by: **Ted Sykes**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix
1	MW-1	6/23/14		Water 3
2	MW-2	6/23/14		Water 3

Number of Containers	
NWTPH-HCID	
NWTPH-Gx/BTEX	
NWTPH-Gx	
NWTPH-Dx	
Volatiles 8260C	X
Halogenated Volatiles 8260C	X
Semivolatiles 8270D/SIM (with low-level PAHs)	
PAHs 8270D/SIM (low-level)	
PCBs 8082A	
Organochlorine Pesticides 8081B	
Organophosphorus Pesticides 8270D/SIM	
Chlorinated Acid Herbicides 8151A	
Total RCRA Metals	
Total MTCA Metals	
TCLP Metals	
HEM (oil and grease) 1664A	
% Moisture	

Signature	Company	Date	Time	Comments/Special Instructions
	ESNW	6/23/14	1030	
	OSB	6/23/14	1030	
Received				
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Reviewed/Date	Reviewed/Date	Chromatograms with final report <input type="checkbox"/>		