



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

September 17, 2021

Jeremy Porter
Aspect Consulting
Dexter Horton Building
710 2nd Avenue, Suite 550
Seattle, WA 98104

Re: Analytical Data for Project 060172
Laboratory Reference No. 2109-115

Dear Jeremy:

Enclosed are the analytical results and associated quality control data for samples submitted on September 14, 2021.

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



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Date of Report: September 17, 2021
Samples Submitted: September 14, 2021
Laboratory Reference: 2109-115
Project: 060172

Case Narrative

Samples were collected on September 14, 2021 and received by the laboratory on September 14, 2021. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

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.

HEM-Oil and Grease EPA 1664A Analysis

The three samples were made into a composite prior to extraction. The initial volume for this composite was brought up to 1000mL with de-ionized water.

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: September 17, 2021
 Samples Submitted: September 14, 2021
 Laboratory Reference: 2109-115
 Project: 060172

VOLATILE ORGANICS EPA 8260D
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: LGAC-1-EFF-091421						
Laboratory ID: 09-115-01						
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Chloromethane	ND	1.0	EPA 8260D	9-15-21	9-15-21	
Vinyl Chloride	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Bromomethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Chloroethane	ND	1.0	EPA 8260D	9-15-21	9-15-21	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Acetone	ND	5.0	EPA 8260D	9-15-21	9-15-21	
Iodomethane	ND	1.4	EPA 8260D	9-15-21	9-15-21	
Carbon Disulfide	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Methylene Chloride	ND	1.0	EPA 8260D	9-15-21	9-15-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Vinyl Acetate	ND	1.0	EPA 8260D	9-15-21	9-15-21	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
2-Butanone	ND	5.0	EPA 8260D	9-15-21	9-15-21	
Bromochloromethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Chloroform	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Benzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Trichloroethene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Dibromomethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Bromodichloromethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	9-15-21	9-15-21	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	9-15-21	9-15-21	
Toluene	ND	1.0	EPA 8260D	9-15-21	9-15-21	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-15-21	9-15-21	



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 Samples Submitted: September 14, 2021
 Laboratory Reference: 2109-115
 Project: 060172

VOLATILE ORGANICS EPA 8260D
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: LGAC-1-EFF-091421						
Laboratory ID: 09-115-01						
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Tetrachloroethene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
2-Hexanone	ND	2.0	EPA 8260D	9-15-21	9-15-21	
Dibromochloromethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Chlorobenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Ethylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
m,p-Xylene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
o-Xylene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Styrene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Bromoform	ND	1.0	EPA 8260D	9-15-21	9-15-21	
Isopropylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Bromobenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
n-Propylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
tert-Butylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
sec-Butylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
p-Isopropyltoluene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
n-Butylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-15-21	9-15-21	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-15-21	9-15-21	
Naphthalene	ND	1.0	EPA 8260D	9-15-21	9-15-21	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	99	75-127				
<i>Toluene-d8</i>	97	80-127				
<i>4-Bromofluorobenzene</i>	97	78-125				



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 Project: 060172

VOLATILE ORGANICS EPA 8260D
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: LGAC-1-INF-091421						
Laboratory ID: 09-115-04						
Dichlorodifluoromethane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Chloromethane	ND	20	EPA 8260D	9-15-21	9-15-21	
Vinyl Chloride	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Bromomethane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Chloroethane	ND	20	EPA 8260D	9-15-21	9-15-21	
Trichlorofluoromethane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,1-Dichloroethene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Acetone	1400	100	EPA 8260D	9-15-21	9-15-21	
Iodomethane	ND	28	EPA 8260D	9-15-21	9-15-21	
Carbon Disulfide	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Methylene Chloride	ND	20	EPA 8260D	9-15-21	9-15-21	
(trans) 1,2-Dichloroethene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Methyl t-Butyl Ether	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,1-Dichloroethane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Vinyl Acetate	ND	20	EPA 8260D	9-15-21	9-15-21	
2,2-Dichloropropane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
(cis) 1,2-Dichloroethene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
2-Butanone	140	100	EPA 8260D	9-15-21	9-15-21	
Bromochloromethane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Chloroform	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,1,1-Trichloroethane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Carbon Tetrachloride	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,1-Dichloropropene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Benzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,2-Dichloroethane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Trichloroethene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,2-Dichloropropane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Dibromomethane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Bromodichloromethane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
2-Chloroethyl Vinyl Ether	ND	20	EPA 8260D	9-15-21	9-15-21	
(cis) 1,3-Dichloropropene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Methyl Isobutyl Ketone	ND	40	EPA 8260D	9-15-21	9-15-21	
Toluene	ND	20	EPA 8260D	9-15-21	9-15-21	
(trans) 1,3-Dichloropropene	ND	4.0	EPA 8260D	9-15-21	9-15-21	



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VOLATILE ORGANICS EPA 8260D
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:		LGAC-1-INF-091421				
Laboratory ID:		09-115-04				
1,1,2-Trichloroethane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Tetrachloroethene	30	4.0	EPA 8260D	9-15-21	9-15-21	
1,3-Dichloropropane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
2-Hexanone	ND	40	EPA 8260D	9-15-21	9-15-21	
Dibromochloromethane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,2-Dibromoethane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Chlorobenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,1,1,2-Tetrachloroethane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Ethylbenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
m,p-Xylene	ND	8.0	EPA 8260D	9-15-21	9-15-21	
o-Xylene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Styrene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Bromoform	ND	20	EPA 8260D	9-15-21	9-15-21	
Isopropylbenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Bromobenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,1,2,2-Tetrachloroethane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,2,3-Trichloropropane	ND	4.0	EPA 8260D	9-15-21	9-15-21	
n-Propylbenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
2-Chlorotoluene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
4-Chlorotoluene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,3,5-Trimethylbenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
tert-Butylbenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,2,4-Trimethylbenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
sec-Butylbenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,3-Dichlorobenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
p-Isopropyltoluene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,4-Dichlorobenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,2-Dichlorobenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
n-Butylbenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
1,2-Dibromo-3-chloropropane	ND	20	EPA 8260D	9-15-21	9-15-21	
1,2,4-Trichlorobenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Hexachlorobutadiene	ND	20	EPA 8260D	9-15-21	9-15-21	
Naphthalene	ND	20	EPA 8260D	9-15-21	9-15-21	
1,2,3-Trichlorobenzene	ND	4.0	EPA 8260D	9-15-21	9-15-21	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>100</i>	<i>75-127</i>				
<i>Toluene-d8</i>	<i>98</i>	<i>80-127</i>				
<i>4-Bromofluorobenzene</i>	<i>96</i>	<i>78-125</i>				



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VOLATILE ORGANICS EPA 8260D
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: LGAC-1-MID-091421						
Laboratory ID: 09-115-07						
Dichlorodifluoromethane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Chloromethane	ND	2.0	EPA 8260D	9-15-21	9-15-21	
Vinyl Chloride	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Bromomethane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Chloroethane	ND	2.0	EPA 8260D	9-15-21	9-15-21	
Trichlorofluoromethane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,1-Dichloroethene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Acetone	230	25	EPA 8260D	9-15-21	9-15-21	
Iodomethane	ND	2.8	EPA 8260D	9-15-21	9-15-21	
Carbon Disulfide	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Methylene Chloride	ND	2.0	EPA 8260D	9-15-21	9-15-21	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Methyl t-Butyl Ether	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,1-Dichloroethane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Vinyl Acetate	ND	2.0	EPA 8260D	9-15-21	9-15-21	
2,2-Dichloropropane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
(cis) 1,2-Dichloroethene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
2-Butanone	ND	10	EPA 8260D	9-15-21	9-15-21	
Bromochloromethane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Chloroform	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,1,1-Trichloroethane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Carbon Tetrachloride	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,1-Dichloropropene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Benzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,2-Dichloroethane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Trichloroethene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,2-Dichloropropane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Dibromomethane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Bromodichloromethane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
2-Chloroethyl Vinyl Ether	ND	2.0	EPA 8260D	9-15-21	9-15-21	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Methyl Isobutyl Ketone	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Toluene	ND	2.0	EPA 8260D	9-15-21	9-15-21	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260D	9-15-21	9-15-21	



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VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: LGAC-1-MID-091421						
Laboratory ID: 09-115-07						
1,1,2-Trichloroethane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Tetrachloroethene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,3-Dichloropropane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
2-Hexanone	ND	4.0	EPA 8260D	9-15-21	9-15-21	
Dibromochloromethane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,2-Dibromoethane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Chlorobenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Ethylbenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
m,p-Xylene	ND	0.80	EPA 8260D	9-15-21	9-15-21	
o-Xylene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Styrene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Bromoform	ND	2.0	EPA 8260D	9-15-21	9-15-21	
Isopropylbenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Bromobenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,2,3-Trichloropropane	ND	0.40	EPA 8260D	9-15-21	9-15-21	
n-Propylbenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
2-Chlorotoluene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
4-Chlorotoluene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,3,5-Trimethylbenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
tert-Butylbenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,2,4-Trimethylbenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
sec-Butylbenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,3-Dichlorobenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
p-Isopropyltoluene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,4-Dichlorobenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,2-Dichlorobenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
n-Butylbenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260D	9-15-21	9-15-21	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
Hexachlorobutadiene	ND	2.0	EPA 8260D	9-15-21	9-15-21	
Naphthalene	ND	2.0	EPA 8260D	9-15-21	9-15-21	
1,2,3-Trichlorobenzene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
Dibromofluoromethane	99	75-127				
Toluene-d8	98	80-127				
4-Bromofluorobenzene	96	78-125				



OnSite Environmental, Inc. 14648 NE 95th Street, Redmond, WA 98052 (425) 883-3881

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Date of Report: September 17, 2021
 Samples Submitted: September 14, 2021
 Laboratory Reference: 2109-115
 Project: 060172

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

page 1 of 2

Matrix: Water

Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0915W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Chloromethane	ND	1.0	EPA 8260D	9-15-21	9-15-21	
Vinyl Chloride	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Bromomethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Chloroethane	ND	1.0	EPA 8260D	9-15-21	9-15-21	
Trichlorofluoromethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,1-Dichloroethene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Acetone	ND	5.0	EPA 8260D	9-15-21	9-15-21	
Iodomethane	ND	1.4	EPA 8260D	9-15-21	9-15-21	
Carbon Disulfide	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Methylene Chloride	ND	1.0	EPA 8260D	9-15-21	9-15-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,1-Dichloroethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Vinyl Acetate	ND	1.0	EPA 8260D	9-15-21	9-15-21	
2,2-Dichloropropane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
2-Butanone	ND	5.0	EPA 8260D	9-15-21	9-15-21	
Bromochloromethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Chloroform	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Carbon Tetrachloride	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,1-Dichloropropene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Benzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Trichloroethene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,2-Dichloropropane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Dibromomethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Bromodichloromethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260D	9-15-21	9-15-21	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	9-15-21	9-15-21	
Toluene	ND	1.0	EPA 8260D	9-15-21	9-15-21	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	9-15-21	9-15-21	



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**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0915W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Tetrachloroethene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,3-Dichloropropane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
2-Hexanone	ND	2.0	EPA 8260D	9-15-21	9-15-21	
Dibromochloromethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,2-Dibromoethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Chlorobenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Ethylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
m,p-Xylene	ND	0.40	EPA 8260D	9-15-21	9-15-21	
o-Xylene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Styrene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Bromoform	ND	1.0	EPA 8260D	9-15-21	9-15-21	
Isopropylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Bromobenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	9-15-21	9-15-21	
n-Propylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
2-Chlorotoluene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
4-Chlorotoluene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
tert-Butylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
sec-Butylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
p-Isopropyltoluene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
n-Butylbenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	9-15-21	9-15-21	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Hexachlorobutadiene	ND	1.0	EPA 8260D	9-15-21	9-15-21	
Naphthalene	ND	1.0	EPA 8260D	9-15-21	9-15-21	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	9-15-21	9-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	75-127				
Toluene-d8	97	80-127				
4-Bromofluorobenzene	96	78-125				



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Date of Report: September 17, 2021
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 Laboratory Reference: 2109-115
 Project: 060172

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0915W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	9.26	9.45	10.0	10.0	93	95	78-124	2	19	
Benzene	8.96	9.04	10.0	10.0	90	90	80-119	1	16	
Trichloroethene	9.77	9.70	10.0	10.0	98	97	80-121	1	18	
Toluene	9.32	9.24	10.0	10.0	93	92	80-117	1	18	
Chlorobenzene	9.84	9.98	10.0	10.0	98	100	80-117	1	17	
Surrogate:										
Dibromofluoromethane					98	97	75-127			
Toluene-d8					99	97	80-127			
4-Bromofluorobenzene					102	102	78-125			



Date of Report: September 17, 2021
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 Laboratory Reference: 2109-115
 Project: 060172

**HEXANE EXTRACTABLE MATERIAL
 NON-POLAR
 EPA 1664**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: LGAC-1,2,3-EFF-091421 Comp.						
Laboratory ID: 09-115-01,02,03 Comp.						
Non Polar HEM	ND	6.8	EPA 1664A	9-17-21	9-17-21	

Client ID: LGAC-1,2,3-INF-091421 Comp.

Laboratory ID: 09-115-04,05,06 Comp.

Non Polar HEM	ND	6.5	EPA 1664A	9-17-21	9-17-21	
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Date of Report: September 17, 2021
 Samples Submitted: September 14, 2021
 Laboratory Reference: 2109-115
 Project: 060172

**HEXANE EXTRACTABLE MATERIAL
 NON-POLAR
 EPA 1664
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0917W1					
Non Polar HEM	ND	5.0	EPA 1664A	9-17-21	9-17-21	

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0917W1									
	SB	SBD	SB	SBD	SB	SBD				
Non Polar HEM	14.0	14.1	20.0	20.0	70	71	66-105	1	19	





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 methods 8260 & 8270, 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.
- Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



Chain of Custody

Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.on-site-env.com					
Company: Aspect Consulting		Turnaround Request (in working days)		Laboratory Number: 109-115	
Project Number: 0600172		(Check One) ☐ Same Day ☐ 1 Day ☐ 2 Days ☒ 3 Days ☒ Standard (7 Days)			
Project Name: Spic N Span					
Project Manager: Jeremy Porter					
Sampled by: Monique Rutte		☐ _____ (other)			
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	LGAC-1-EFF-091421	09/14/21	12:10	water	6
2	LGAC-2-EFF-091421		12:21		2
3	LGAC-3-EFF-091421		12:20		2
4	LGAC-1-INF-091421		12:32		6
5	LGAC-2-INF-091421		12:37		2
6	LGAC-3-INF-091421		12:42		2
7	LGAC-1-MID-091421 *		12:49		6
Signature: Monique Rutte		Company: Aspect		Date: 09/14/21 Time: 15:40	
Relinquished				Comments/Special Instructions: * 2 oz. glass jars submitted on hold - FOG sampling was not completed.	
Received					
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date:				Data Package: Standard ☐ Level III ☐ Level IV ☐	
				Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐	