



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

December 16, 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. 2112-082

Dear Jeremy:

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



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

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: December 16, 2021
Samples Submitted: December 8, 2021
Laboratory Reference: 2112-082
Project: 060172

Case Narrative

Samples were collected on December 8, 2021 and received by the laboratory on December 8, 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.



Date of Report: December 16, 2021
 Samples Submitted: December 8, 2021
 Laboratory Reference: 2112-082
 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-EFF-1-120821						
Laboratory ID: 12-082-01						
Dichlorodifluoromethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Chloromethane	ND	4.0	EPA 8260D	12-9-21	12-9-21	
Vinyl Chloride	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Bromomethane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Chloroethane	ND	4.0	EPA 8260D	12-9-21	12-9-21	
Trichlorofluoromethane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,1-Dichloroethene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Acetone	290	20	EPA 8260D	12-9-21	12-9-21	
Iodomethane	ND	5.2	EPA 8260D	12-9-21	12-9-21	
Carbon Disulfide	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Methylene Chloride	ND	4.0	EPA 8260D	12-9-21	12-9-21	
(trans) 1,2-Dichloroethene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Methyl t-Butyl Ether	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,1-Dichloroethane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Vinyl Acetate	ND	4.0	EPA 8260D	12-9-21	12-9-21	
2,2-Dichloropropane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
(cis) 1,2-Dichloroethene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
2-Butanone	23	20	EPA 8260D	12-9-21	12-9-21	
Bromochloromethane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Chloroform	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,1,1-Trichloroethane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Carbon Tetrachloride	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,1-Dichloropropene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Benzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,2-Dichloroethane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Trichloroethene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,2-Dichloropropane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Dibromomethane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Bromodichloromethane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
(cis) 1,3-Dichloropropene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Methyl Isobutyl Ketone	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Toluene	ND	4.0	EPA 8260D	12-9-21	12-9-21	
(trans) 1,3-Dichloropropene	ND	0.80	EPA 8260D	12-9-21	12-9-21	



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VOLATILE ORGANICS EPA 8260D
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: LGAC-EFF-1-120821						
Laboratory ID: 12-082-01						
1,1,2-Trichloroethane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Tetrachloroethene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,3-Dichloropropane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
2-Hexanone	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Dibromochloromethane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,2-Dibromoethane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Chlorobenzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,1,1,2-Tetrachloroethane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Ethylbenzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
m,p-Xylene	ND	1.6	EPA 8260D	12-9-21	12-9-21	
o-Xylene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Styrene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Bromoform	ND	4.0	EPA 8260D	12-9-21	12-9-21	
Isopropylbenzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Bromobenzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,1,2,2-Tetrachloroethane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,2,3-Trichloropropane	ND	0.80	EPA 8260D	12-9-21	12-9-21	
n-Propylbenzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
2-Chlorotoluene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
4-Chlorotoluene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,3,5-Trimethylbenzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
tert-Butylbenzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,2,4-Trimethylbenzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
sec-Butylbenzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,3-Dichlorobenzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
p-Isopropyltoluene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,4-Dichlorobenzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,2-Dichlorobenzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
n-Butylbenzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
1,2-Dibromo-3-chloropropane	ND	4.0	EPA 8260D	12-9-21	12-9-21	
1,2,4-Trichlorobenzene	ND	0.80	EPA 8260D	12-9-21	12-9-21	
Hexachlorobutadiene	ND	4.0	EPA 8260D	12-9-21	12-9-21	
Naphthalene	ND	4.0	EPA 8260D	12-9-21	12-9-21	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Surrogate: Percent Recovery Control Limits						
Dibromofluoromethane	106	75-127				
Toluene-d8	104	80-127				
4-Bromofluorobenzene	100	78-125				



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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-INF-1-120821						
Laboratory ID: 12-082-04						
Dichlorodifluoromethane	ND	10	EPA 8260D	12-9-21	12-9-21	
Chloromethane	ND	40	EPA 8260D	12-9-21	12-9-21	
Vinyl Chloride	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Bromomethane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Chloroethane	ND	40	EPA 8260D	12-9-21	12-9-21	
Trichlorofluoromethane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,1-Dichloroethene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Acetone	3000	200	EPA 8260D	12-9-21	12-9-21	
Iodomethane	ND	52	EPA 8260D	12-9-21	12-9-21	
Carbon Disulfide	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Methylene Chloride	ND	40	EPA 8260D	12-9-21	12-9-21	
(trans) 1,2-Dichloroethene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Methyl t-Butyl Ether	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,1-Dichloroethane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Vinyl Acetate	ND	40	EPA 8260D	12-9-21	12-9-21	
2,2-Dichloropropane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
(cis) 1,2-Dichloroethene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
2-Butanone	360	200	EPA 8260D	12-9-21	12-9-21	
Bromochloromethane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Chloroform	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,1,1-Trichloroethane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Carbon Tetrachloride	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,1-Dichloropropene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Benzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,2-Dichloroethane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Trichloroethene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,2-Dichloropropane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Dibromomethane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Bromodichloromethane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
(cis) 1,3-Dichloropropene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Methyl Isobutyl Ketone	ND	80	EPA 8260D	12-9-21	12-9-21	
Toluene	ND	40	EPA 8260D	12-9-21	12-9-21	
(trans) 1,3-Dichloropropene	ND	8.0	EPA 8260D	12-9-21	12-9-21	



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 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:		LGAC-INF-1-120821				
Laboratory ID:		12-082-04				
1,1,2-Trichloroethane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Tetrachloroethene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,3-Dichloropropane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
2-Hexanone	ND	80	EPA 8260D	12-9-21	12-9-21	
Dibromochloromethane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,2-Dibromoethane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Chlorobenzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,1,1,2-Tetrachloroethane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Ethylbenzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
m,p-Xylene	ND	16	EPA 8260D	12-9-21	12-9-21	
o-Xylene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Styrene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Bromoform	ND	40	EPA 8260D	12-9-21	12-9-21	
Isopropylbenzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Bromobenzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,1,2,2-Tetrachloroethane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,2,3-Trichloropropane	ND	8.0	EPA 8260D	12-9-21	12-9-21	
n-Propylbenzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
2-Chlorotoluene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
4-Chlorotoluene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,3,5-Trimethylbenzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
tert-Butylbenzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,2,4-Trimethylbenzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
sec-Butylbenzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,3-Dichlorobenzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
p-Isopropyltoluene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,4-Dichlorobenzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,2-Dichlorobenzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
n-Butylbenzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
1,2-Dibromo-3-chloropropane	ND	40	EPA 8260D	12-9-21	12-9-21	
1,2,4-Trichlorobenzene	ND	8.0	EPA 8260D	12-9-21	12-9-21	
Hexachlorobutadiene	ND	40	EPA 8260D	12-9-21	12-9-21	
Naphthalene	72	40	EPA 8260D	12-9-21	12-9-21	
1,2,3-Trichlorobenzene	ND	10	EPA 8260D	12-9-21	12-9-21	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>75-127</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>80-127</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>78-125</i>				



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 Laboratory Reference: 2112-082
 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-MID-1-120821						
Laboratory ID: 12-082-07						
Dichlorodifluoromethane	ND	1.3	EPA 8260D	12-9-21	12-9-21	
Chloromethane	ND	5.0	EPA 8260D	12-9-21	12-9-21	
Vinyl Chloride	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Bromomethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Chloroethane	ND	5.0	EPA 8260D	12-9-21	12-9-21	
Trichlorofluoromethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,1-Dichloroethene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Acetone	480	50	EPA 8260D	12-9-21	12-9-21	
Iodomethane	ND	6.5	EPA 8260D	12-9-21	12-9-21	
Carbon Disulfide	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Methylene Chloride	ND	5.0	EPA 8260D	12-9-21	12-9-21	
(trans) 1,2-Dichloroethene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Methyl t-Butyl Ether	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,1-Dichloroethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Vinyl Acetate	ND	5.0	EPA 8260D	12-9-21	12-9-21	
2,2-Dichloropropane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
(cis) 1,2-Dichloroethene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
2-Butanone	110	25	EPA 8260D	12-9-21	12-9-21	
Bromochloromethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Chloroform	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,1,1-Trichloroethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Carbon Tetrachloride	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,1-Dichloropropene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Benzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,2-Dichloroethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Trichloroethene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,2-Dichloropropane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Dibromomethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Bromodichloromethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
(cis) 1,3-Dichloropropene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Methyl Isobutyl Ketone	ND	10	EPA 8260D	12-9-21	12-9-21	
Toluene	ND	5.0	EPA 8260D	12-9-21	12-9-21	
(trans) 1,3-Dichloropropene	ND	1.0	EPA 8260D	12-9-21	12-9-21	



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VOLATILE ORGANICS EPA 8260D
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: LGAC-MID-1-120821						
Laboratory ID: 12-082-07						
1,1,2-Trichloroethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Tetrachloroethene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,3-Dichloropropane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
2-Hexanone	ND	10	EPA 8260D	12-9-21	12-9-21	
Dibromochloromethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,2-Dibromoethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Chlorobenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,1,1,2-Tetrachloroethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Ethylbenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
m,p-Xylene	ND	2.0	EPA 8260D	12-9-21	12-9-21	
o-Xylene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Styrene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Bromoform	ND	5.0	EPA 8260D	12-9-21	12-9-21	
Isopropylbenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Bromobenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,1,2,2-Tetrachloroethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,2,3-Trichloropropane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
n-Propylbenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
2-Chlorotoluene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
4-Chlorotoluene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,3,5-Trimethylbenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
tert-Butylbenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,2,4-Trimethylbenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
sec-Butylbenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,3-Dichlorobenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
p-Isopropyltoluene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,4-Dichlorobenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,2-Dichlorobenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
n-Butylbenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,2-Dibromo-3-chloropropane	ND	5.0	EPA 8260D	12-9-21	12-9-21	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Hexachlorobutadiene	ND	5.0	EPA 8260D	12-9-21	12-9-21	
Naphthalene	ND	5.0	EPA 8260D	12-9-21	12-9-21	
1,2,3-Trichlorobenzene	ND	1.3	EPA 8260D	12-9-21	12-9-21	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>103</i>	<i>75-127</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>80-127</i>				
<i>4-Bromofluorobenzene</i>	<i>99</i>	<i>78-125</i>				



Date of Report: December 16, 2021
 Samples Submitted: December 8, 2021
 Laboratory Reference: 2112-082
 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:	MB1209W1					
Dichlorodifluoromethane	ND	0.26	EPA 8260D	12-9-21	12-9-21	
Chloromethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Vinyl Chloride	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Bromomethane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Chloroethane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Trichlorofluoromethane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,1-Dichloroethene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Acetone	ND	5.0	EPA 8260D	12-9-21	12-9-21	
Iodomethane	ND	1.3	EPA 8260D	12-9-21	12-9-21	
Carbon Disulfide	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Methylene Chloride	ND	1.0	EPA 8260D	12-9-21	12-9-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,1-Dichloroethane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Vinyl Acetate	ND	1.0	EPA 8260D	12-9-21	12-9-21	
2,2-Dichloropropane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
2-Butanone	ND	5.0	EPA 8260D	12-9-21	12-9-21	
Bromochloromethane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Chloroform	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Carbon Tetrachloride	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,1-Dichloropropene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Benzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Trichloroethene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,2-Dichloropropane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Dibromomethane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Bromodichloromethane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	12-9-21	12-9-21	
Toluene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	12-9-21	12-9-21	



Date of Report: December 16, 2021
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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:	MB1209W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Tetrachloroethene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,3-Dichloropropane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
2-Hexanone	ND	2.0	EPA 8260D	12-9-21	12-9-21	
Dibromochloromethane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,2-Dibromoethane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Chlorobenzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Ethylbenzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
m,p-Xylene	ND	0.40	EPA 8260D	12-9-21	12-9-21	
o-Xylene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Styrene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Bromoform	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Isopropylbenzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Bromobenzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	12-9-21	12-9-21	
n-Propylbenzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
2-Chlorotoluene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
4-Chlorotoluene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
tert-Butylbenzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
sec-Butylbenzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
p-Isopropyltoluene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
n-Butylbenzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	12-9-21	12-9-21	
Hexachlorobutadiene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
Naphthalene	ND	1.0	EPA 8260D	12-9-21	12-9-21	
1,2,3-Trichlorobenzene	ND	0.25	EPA 8260D	12-9-21	12-9-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	104	75-127				
Toluene-d8	103	80-127				
4-Bromofluorobenzene	100	78-125				



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

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: December 16, 2021
 Samples Submitted: December 8, 2021
 Laboratory Reference: 2112-082
 Project: 060172

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

Matrix: Water

Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery		Limits		Limit	
SPIKE BLANKS										
Laboratory ID:	SB1209W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	11.0	11.3	10.0	10.0	110	113	78-125	3	19	
Benzene	11.1	11.5	10.0	10.0	111	115	80-119	4	16	
Trichloroethene	10.8	11.0	10.0	10.0	108	110	80-121	2	18	
Toluene	10.5	10.6	10.0	10.0	105	106	80-117	1	18	
Chlorobenzene	9.98	10.3	10.0	10.0	100	103	80-117	3	17	
Surrogate:										
Dibromofluoromethane					104	105	75-127			
Toluene-d8					101	101	80-127			
4-Bromofluorobenzene					101	103	78-125			



Date of Report: December 16, 2021
 Samples Submitted: December 8, 2021
 Laboratory Reference: 2112-082
 Project: 060172

**SILICA GEL TREATED
 HEXANE EXTRACTABLE MATERIAL
 EPA 1664A**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	LGAC-EFF-1,2,3-120821 Comp.					
Laboratory ID:	12-082-01,02,03 Comp.					
Non Polar HEM	ND	6.6	EPA 1664A	12-16-21	12-16-21	

Client ID:	LGAC-INF-1,2,3-120821 Comp.					
Laboratory ID:	12-082-04,05,06 Comp.					
Non Polar HEM	ND	6.7	EPA 1664A	12-16-21	12-16-21	

Client ID:	LGAC-MID-1,2,3-120821 Comp.					
Laboratory ID:	12-082-07,08,09 Comp.					
Non Polar HEM	ND	6.6	EPA 1664A	12-16-21	12-16-21	



Date of Report: December 16, 2021
 Samples Submitted: December 8, 2021
 Laboratory Reference: 2112-082
 Project: 060172

**SILICA GEL TREATED
 HEXANE EXTRACTABLE MATERIAL
 EPA 1664A
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1216W1					
Non Polar HEM	ND	5.0	EPA 1664A	12-16-21	12-16-21	

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1216W1									
	SB	SBD	SB	SBD	SB	SBD				
Non Polar HEM	18.0	18.8	20.0	20.0	90	94	66-105	4	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





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Environmental Inc.

Analytical Laboratory Testing Services
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Chain of Custody

Page 1 of 1

Turnaround Request
(in working days)

(Check One)

☐ Same Day ☐ 1 Day

☐ 2 Days ☐ 3 Days

☒ Standard (7 Days)

☐ (other) _____

Laboratory Number: **12-082**

Company: **ASPECT CONSULTING**
Project Number: **060172**
Project Name: **SPIC n' Span**
Project Manager: **Jeremy Porter**
Sampled by: **MMR**

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix
1	LGAC-EFF-1-120821	12/8/21	1045	water
2	LGAC-EFF-2-120821		1050	
3	LGAC-EFF-3-120821		1055	
4	LGAC-INF-1-120821		1057	
5	LGAC-INF-2-120821		1102	
6	LGAC-INF-3-120821		1107	
7	LGAC-MID-1-120821		1110	
8	LGAC-MID-2-120821		1115	
9	LGAC-MID-3-120821		1120	

Number of Containers

NWTPH-HCID	
NWTPH-Gx/BTEX	
NWTPH-Gx	
NWTPH-Dx (☐ Acid / SG Clean-up)	
Volatiles 8260D	☒
Halogenated Volatiles 8260D	
EDB EPA 8011 (Waters Only)	
Semivolatiles 8270E/SIM (with low-level PAHs)	
PAHs 8270E/SIM (low-level)	
PCBs 8082A	
Organochlorine Pesticides 8081B	
Organophosphorus Pesticides 8270E/SIM	
Chlorinated Acid Herbicides 8151A	
Total RCRA Metals	
Total MTCA Metals	
TCLP Metals	
HEM (oil and grease) 1664A	
Non Polar FOG	
% Moisture	

Signature	Company	Date	Time	Comments/Special Instructions
<i>Monique Rutter</i>	ASPECT	12/8/21	1340	composite EFF 1-3 for nonpolar FOG
<i>Monique Rutter</i>	ASPECT	12/8/21	1340	composite INF 1-3 for nonpolar FOG
				composite MID 1-3 for nonpolar FOG

Relinquished	
Received	
Relinquished	
Received	
Relinquished	
Received	
Relinquished	
Received	
Relinquished	
Reviewed/Date	Reviewed/Date

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐