



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

August 31, 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. 2108-263

Dear Jeremy:

Enclosed are the analytical results and associated quality control data for samples submitted on August 25, 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: August 31, 2021
Samples Submitted: August 25, 2021
Laboratory Reference: 2108-263
Project: 060172

Case Narrative

Samples were collected on August 25, 2021 and received by the laboratory on August 25, 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: August 31, 2021
 Samples Submitted: August 25, 2021
 Laboratory Reference: 2108-263
 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-1-082521						
Laboratory ID: 08-263-01						
Dichlorodifluoromethane	ND	0.31	EPA 8260D	8-26-21	8-26-21	
Chloromethane	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromomethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Chloroethane	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Acetone	ND	5.0	EPA 8260D	8-26-21	8-26-21	
Iodomethane	ND	5.0	EPA 8260D	8-26-21	8-26-21	
Carbon Disulfide	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Methylene Chloride	ND	1.0	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Vinyl Acetate	ND	1.0	EPA 8260D	8-26-21	8-26-21	
2,2-Dichloropropane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Butanone	ND	5.0	EPA 8260D	8-26-21	8-26-21	
Bromochloromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Chloroform	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1-Dichloropropene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Benzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Dibromomethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromodichloromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Chloroethyl Vinyl Ether	ND	1.8	EPA 8260D	8-26-21	8-26-21	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-26-21	8-26-21	
Toluene	ND	1.0	EPA 8260D	8-26-21	8-26-21	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-26-21	8-26-21	



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 Project: 060172

VOLATILE ORGANICS EPA 8260D
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: LGAC-EFF-1-082521						
Laboratory ID: 08-263-01						
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,3-Dichloropropane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Hexanone	ND	2.0	EPA 8260D	8-26-21	8-26-21	
Dibromochloromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dibromoethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Chlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Ethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
m,p-Xylene	ND	0.40	EPA 8260D	8-26-21	8-26-21	
o-Xylene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Styrene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromoform	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Isopropylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2,3-Trichloropropane	ND	0.31	EPA 8260D	8-26-21	8-26-21	
n-Propylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Chlorotoluene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
4-Chlorotoluene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
tert-Butylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
sec-Butylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
p-Isopropyltoluene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
n-Butylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dibromo-3-chloropropane	ND	1.3	EPA 8260D	8-26-21	8-26-21	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Hexachlorobutadiene	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Naphthalene	ND	1.4	EPA 8260D	8-26-21	8-26-21	
1,2,3-Trichlorobenzene	ND	0.25	EPA 8260D	8-26-21	8-26-21	
Surrogate: Percent Recovery Control Limits						
Dibromofluoromethane	101	75-127				
Toluene-d8	100	80-127				
4-Bromofluorobenzene	94	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-INF-1-082521						
Laboratory ID: 08-263-04						
Dichlorodifluoromethane	ND	0.31	EPA 8260D	8-26-21	8-26-21	
Chloromethane	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromomethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Chloroethane	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Acetone	190	50	EPA 8260D	8-26-21	8-26-21	
Iodomethane	ND	5.0	EPA 8260D	8-26-21	8-26-21	
Carbon Disulfide	0.42	0.20	EPA 8260D	8-26-21	8-26-21	Y
Methylene Chloride	ND	1.0	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Vinyl Acetate	ND	1.0	EPA 8260D	8-26-21	8-26-21	
2,2-Dichloropropane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	2.1	0.20	EPA 8260D	8-26-21	8-26-21	
2-Butanone	25	5.0	EPA 8260D	8-26-21	8-26-21	
Bromochloromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Chloroform	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1-Dichloropropene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Benzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dichloroethane	0.47	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	1.8	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Dibromomethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromodichloromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Chloroethyl Vinyl Ether	ND	1.8	EPA 8260D	8-26-21	8-26-21	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-26-21	8-26-21	
Toluene	ND	1.0	EPA 8260D	8-26-21	8-26-21	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-26-21	8-26-21	



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VOLATILE ORGANICS EPA 8260D
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:		LGAC-INF-1-082521				
Laboratory ID:		08-263-04				
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	24	0.20	EPA 8260D	8-26-21	8-26-21	
1,3-Dichloropropane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Hexanone	ND	2.0	EPA 8260D	8-26-21	8-26-21	
Dibromochloromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dibromoethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Chlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Ethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
m,p-Xylene	ND	0.40	EPA 8260D	8-26-21	8-26-21	
o-Xylene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Styrene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromoform	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Isopropylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2,3-Trichloropropane	ND	0.31	EPA 8260D	8-26-21	8-26-21	
n-Propylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Chlorotoluene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
4-Chlorotoluene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
tert-Butylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2,4-Trimethylbenzene	0.22	0.20	EPA 8260D	8-26-21	8-26-21	
sec-Butylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
p-Isopropyltoluene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
n-Butylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dibromo-3-chloropropane	ND	1.3	EPA 8260D	8-26-21	8-26-21	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Hexachlorobutadiene	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Naphthalene	ND	1.4	EPA 8260D	8-26-21	8-26-21	
1,2,3-Trichlorobenzene	ND	0.25	EPA 8260D	8-26-21	8-26-21	
Surrogate:						
	<i>Percent Recovery</i>	<i>Control Limits</i>				
Dibromofluoromethane	102	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	96	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-MID-1-082521						
Laboratory ID: 08-263-07						
Dichlorodifluoromethane	ND	0.31	EPA 8260D	8-26-21	8-26-21	
Chloromethane	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromomethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Chloroethane	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Acetone	ND	5.0	EPA 8260D	8-26-21	8-26-21	
Iodomethane	ND	5.0	EPA 8260D	8-26-21	8-26-21	
Carbon Disulfide	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Methylene Chloride	ND	1.0	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Vinyl Acetate	ND	1.0	EPA 8260D	8-26-21	8-26-21	
2,2-Dichloropropane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Butanone	ND	5.0	EPA 8260D	8-26-21	8-26-21	
Bromochloromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Chloroform	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1-Dichloropropene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Benzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Dibromomethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromodichloromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Chloroethyl Vinyl Ether	ND	1.8	EPA 8260D	8-26-21	8-26-21	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-26-21	8-26-21	
Toluene	ND	1.0	EPA 8260D	8-26-21	8-26-21	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-26-21	8-26-21	



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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: LGAC-MID-1-082521						
Laboratory ID: 08-263-07						
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,3-Dichloropropane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Hexanone	ND	2.0	EPA 8260D	8-26-21	8-26-21	
Dibromochloromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dibromoethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Chlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Ethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
m,p-Xylene	ND	0.40	EPA 8260D	8-26-21	8-26-21	
o-Xylene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Styrene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromoform	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Isopropylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2,3-Trichloropropane	ND	0.31	EPA 8260D	8-26-21	8-26-21	
n-Propylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Chlorotoluene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
4-Chlorotoluene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
tert-Butylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
sec-Butylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
p-Isopropyltoluene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
n-Butylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dibromo-3-chloropropane	ND	1.3	EPA 8260D	8-26-21	8-26-21	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Hexachlorobutadiene	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Naphthalene	ND	1.4	EPA 8260D	8-26-21	8-26-21	
1,2,3-Trichlorobenzene	ND	0.25	EPA 8260D	8-26-21	8-26-21	
<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>99</i>	<i>80-127</i>				
<i>4-Bromofluorobenzene</i>	<i>96</i>	<i>78-125</i>				



Date of Report: August 31, 2021
 Samples Submitted: August 25, 2021
 Laboratory Reference: 2108-263
 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:	MB0826W1					
Dichlorodifluoromethane	ND	0.31	EPA 8260D	8-26-21	8-26-21	
Chloromethane	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromomethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Chloroethane	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Trichlorofluoromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Acetone	ND	5.0	EPA 8260D	8-26-21	8-26-21	
Iodomethane	ND	5.0	EPA 8260D	8-26-21	8-26-21	
Carbon Disulfide	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Methylene Chloride	ND	1.0	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1-Dichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Vinyl Acetate	ND	1.0	EPA 8260D	8-26-21	8-26-21	
2,2-Dichloropropane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Butanone	ND	5.0	EPA 8260D	8-26-21	8-26-21	
Bromochloromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Chloroform	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Carbon Tetrachloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1-Dichloropropene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Benzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dichloropropane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Dibromomethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromodichloromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Chloroethyl Vinyl Ether	ND	1.8	EPA 8260D	8-26-21	8-26-21	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	8-26-21	8-26-21	
Toluene	ND	1.0	EPA 8260D	8-26-21	8-26-21	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	8-26-21	8-26-21	



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

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Date of Report: August 31, 2021
 Samples Submitted: August 25, 2021
 Laboratory Reference: 2108-263
 Project: 060172

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0826W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,3-Dichloropropane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Hexanone	ND	2.0	EPA 8260D	8-26-21	8-26-21	
Dibromochloromethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dibromoethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Chlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Ethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
m,p-Xylene	ND	0.40	EPA 8260D	8-26-21	8-26-21	
o-Xylene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Styrene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromoform	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Isopropylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Bromobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2,3-Trichloropropane	ND	0.31	EPA 8260D	8-26-21	8-26-21	
n-Propylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
2-Chlorotoluene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
4-Chlorotoluene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
tert-Butylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
sec-Butylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
p-Isopropyltoluene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
n-Butylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
1,2-Dibromo-3-chloropropane	ND	1.3	EPA 8260D	8-26-21	8-26-21	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Hexachlorobutadiene	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Naphthalene	ND	1.4	EPA 8260D	8-26-21	8-26-21	
1,2,3-Trichlorobenzene	ND	0.25	EPA 8260D	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	96	78-125				



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Date of Report: August 31, 2021
 Samples Submitted: August 25, 2021
 Laboratory Reference: 2108-263
 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:	SB0826W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	10.5	10.4	10.0	10.0	105	104	78-124	1	19	
Benzene	10.4	10.4	10.0	10.0	104	104	80-119	0	16	
Trichloroethene	10.6	10.4	10.0	10.0	106	104	80-121	2	18	
Toluene	10.2	10.2	10.0	10.0	102	102	80-117	0	18	
Chlorobenzene	9.70	9.70	10.0	10.0	97	97	80-117	0	17	
Surrogate:										
Dibromofluoromethane					102	102	75-127			
Toluene-d8					102	100	80-127			
4-Bromofluorobenzene					100	100	78-125			



Date of Report: August 31, 2021
 Samples Submitted: August 25, 2021
 Laboratory Reference: 2108-263
 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-EFF-1,2,3-082521 Comp.					
Laboratory ID:	08-263-01,02,03 Comp.					
Non Polar HEM	ND	6.3	EPA 1664A	8-30-21	8-30-21	

Client ID:	LGAC-INF-1,2,3-082521 Comp.					
Laboratory ID:	08-263-04,05,06 Comp.					
Non Polar HEM	ND	7.0	EPA 1664A	8-30-21	8-30-21	

Client ID:	LGAC-MID-1,2,3-082521 Comp.					
Laboratory ID:	08-263-07,08,09 Comp.					
Non Polar HEM	ND	6.5	EPA 1664A	8-30-21	8-30-21	



Date of Report: August 31, 2021
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**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:	MB0830W1					
Non Polar HEM	ND	5.0	EPA 1664A	8-30-21	8-30-21	

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0830W1									
	SB	SBD	SB	SBD	SB	SBD				
Non Polar HEM	17.8	19.4	20.0	20.0	89	97	66-105	9	19	



Date of Report: August 31, 2021
 Samples Submitted: August 25, 2021
 Laboratory Reference: 2108-263
 Project: 060172

pH SM 4500-H B

Matrix: Water
 Units: pH (@ 25°C)

Analyte	Result	Method	Date Prepared	Date Analyzed	Flags
Client ID:	LGAC-EFF-1-082521				
Laboratory ID:	08-263-01				
pH	8.0	SM 4500-H B	8-26-21	8-26-21	

Client ID:	LGAC-INF-1-082521				
Laboratory ID:	08-263-04				
pH	6.5	SM 4500-H B	8-26-21	8-26-21	

Client ID:	LGAC-MID-1-082521				
Laboratory ID:	08-263-07				
pH	8.2	SM 4500-H B	8-26-21	8-26-21	





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





Onsite Environmental Inc.
Analytical Laboratory Testing Services
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)

☐ (other) _____

Laboratory Number: **08-263**

Company: Aspect Consulting
Project Number: 080072
Project Name: Spice N Span
Project Manager: Jeremy Porter
Sampled by: DRB MMR

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	LGAC-EFF-1-082521	08/25/21	1237	water	6
2	LGAC-EFF-2-082521	08/25/21	1242		2
3	LGAC-EFF-3-082521	08/25/21	1247		2
4	LGAC-INF-1-082521		1237		6
5	LGAC-INF-2-082521		1242		2
6	LGAC-INF-3-082521		1247		2
7	LGAC-MID-1-082521		1302		6
8	LGAC-MID-2-082521		1307		2
9	LGAC-MID-3-082521		1312		2

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	
Nonpolar FOG	☒
pH	☒
% Moisture	

Signature	Company	Date	Time	Comments/Special Instructions
<u>Thommas P. Pinter</u>	<u>Aspect</u>	<u>08/25/21</u>	<u>1406</u>	Composite EFF 1-3 for nonpolar FOG,
<u>DRB MMR</u>	<u>Speedy</u>	<u>8-25-21</u>	<u>1406</u>	Composite INF 1-3 for nonpolar FOG,
<u>DRB MMR</u>	<u>Speedy</u>	<u>8-25-21</u>	<u>1438</u>	Composite MID 1-3 for nonpolar FOG
<u>DRB MMR</u>	<u>Speedy</u>	<u>8/28/21</u>	<u>1438</u>	(X) Added 8/28/21.08 (STA)

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

Data Package: Standard ☐ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐