

Test Report



October 23, 2019

Client: Complete Energy Services

Project: Platteville Drill Cuttings

Lab ID: 1690

Date Samples Received: 10/9/2019

Sample Condition: Samples arrived intact and in appropriate sample containers. Samples were received within the temperature range specified in the test method(s) and/or with thermal preservation in process.

Comments: Total Arsenic, Total Mercury, and Total Hexavalent Chromium analysis performed by ALS Environmental in Fort Collins, Colorado.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you.

A handwritten signature in black ink, appearing to read "Chris Dieken".

Chris Dieken
QA Manager

A handwritten signature in black ink, appearing to read "Todd Rhea".

Todd Rhea
Lab Manager

eAnalytics Laboratory

4130 Clydesdale Parkway Loveland CO 80538



Client: Complete Energy Services Lab ID: 1690
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 Analysis: Volatile Organics - BTEX Method: EPA8260
 TPH-TVPH EPA8260

Sample Name	Benzene mg/kg	Toluene mg/kg	Ethyl- Benzene mg/kg	Total Xylenes mg/kg	TPH- TVPH mg/kg	Date Sampled	Date Analyzed	Lab ID
NW1 Composite 6"-12"	<0.010	<0.010	<0.010	<0.010	<50.0	10/08/19	10/12/19	1690 1
NE2 Composite 6"-12"	<0.010	<0.010	<0.010	<0.010	<50.0	10/08/19	10/12/19	1690 2
SE3 Composite 6"-12"	<0.010	<0.010	<0.010	<0.010	<50.0	10/08/19	10/12/19	1690 3
SW4 Composite 6"-12"	<0.010	<0.010	<0.010	<0.010	<50.0	10/08/19	10/12/19	1690 4
Background	<0.010	<0.010	<0.010	<0.010	<50.0	10/08/19	10/12/19	1690 5



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 Analysis: Table 910 Metals-1 Method: EPA6010

Sample Name	Ba - Barium mg/kg	B - Boron mg/kg	Cd - Cadmium mg/kg	Cr - Chromium mg/kg	Cu - Copper mg/kg	Pb - Lead mg/kg	Ni - Nickel mg/kg	Se - Selenium mg/kg	Date Sampled	Date Analyzed	Lab ID
NW1 Composite 6"-12"	149	<1.50	<0.5	2.94	2.60	5.57	2.70	<1.0	10/08/19	10/17/19	1690 1
NE2 Composite 6"-12"	90.9	1.93	<0.5	3.25	4.03	6.57	3.63	<1.0	10/08/19	10/17/19	1690 2
SE3 Composite 6"-12"	98.9	1.64	<0.5	2.80	2.83	5.33	2.55	<1.0	10/08/19	10/17/19	1690 3
SW4 Composite 6"-12"	139	<1.50	<0.5	3.43	5.41	4.99	2.42	<1.0	10/08/19	10/17/19	1690 4
Background	87.3	<1.50	<0.5	3.25	2.28	5.47	4.39	<1.0	10/08/19	10/17/19	1690 5

Quality Control - Surrogate Recoveries

eANALYTICS

LABORATORY

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Sample Name	Dibromo- fluoromethane % Recovery	1,2 Dichloro- ethane-D4 % Recovery	Toluene-D8 % Recovery	4-Bromo- fluorobenzene % Recovery	Date Sampled	Date Analyzed	Lab ID
NW1 Composite 6"-12"	106	92	102	104	10/08/19	10/12/19	1690 1
NE2 Composite 6"-12"	110	95	101	103	10/08/19	10/12/19	1690 2
SE3 Composite 6"-12"	108	93	102	106	10/08/19	10/12/19	1690 3
SW4 Composite 6"-12"	108	95	100	100	10/08/19	10/12/19	1690 4
Background	107	95	104	105	10/08/19	10/12/19	1690 5

eAnalytics Laboratory

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eANALYTICS
LABORATORY

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Soil		Benzene	Toluene	Ethyl-Benzene	Total Xylenes	TPH-TVPH	QC Start Date
Method Blank		<0.010	<0.010	<0.010	<0.010	<50.0	
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Lab Control Sample	70%-130%	102	103	102	103	92	10/12/19

Soil		TPH-TEPH	QC Start Date
Method Blank		<50.0	
		mg/kg	
Lab Control Sample	70%-130%	106	10/11/19