



<div>Legend</div> <div><div><div><div><div></div><div>Spill Origin</div></div><div><div></div><div>Well Location</div></div><div><div></div><div>Soil Sample Location</div></div><div><div></div><div>Spill Area</div></div></div></div></div>		<div><div><div>0</div><div>100</div><div>200</div></div><div><div></div><div>Ft</div></div><div>1 inch = 100 ft</div></div> <div><div><div>N</div><div>W</div><div>S</div><div>E</div></div></div>	
<div>Project No: 021-205</div>	<div><div>Fee 96 Spill</div><div>Scout Energy Partners</div><div>NESE, Section 30, T2N R102W, 6th PM</div><div>Rio Blanco County, Colorado</div></div>	<div><div><div><div></div><div>ENTRADA</div><div>CONSULTING GROUP</div></div><div>330 Grand Avenue, Unit C</div><div>Grand Junction, CO 81501</div><div>970-549-1015</div></div></div>	<div>Figure</div>
<div>Map By: NDB</div>		<div><div><div><div></div><div>SCOUT</div></div><div>100 Chevron Road</div><div>Rangely, CO 81648</div><div>970-501-5157</div></div></div>	
<div>Date: 4/20/2022</div>			

Table 1
Fee 96 Spill
Soil Data Summary

SAMPLE SUMMARY	
Location Description	FEE 96 Spill
Sample Type	Soil

LABORATORY DATA SUMMARY							
Sample ID	FEE96	FEE96-SS1	FEE96-BG1	FEE96-BG2	COGCC TABLE 915-1 CONCENTRATION LEVELS		
Depth	5'	0-6"	0-6"	0-6"			
Sample Date	10/21/2021	11/30/2021	11/30/2021	11/30/2021			
Analytical Parameters					Residential Soil Screening Level	Protection of Groundwater Screening Level	UNITS
TPH							
TPH (C6-C10)	<2.4	<2.5	NT	NT	500		mg/kg
TPH (C10-C36)	160	130	NT	NT			
Volatile Organic Compounds							
1,2,4-Trimethylbenzene	<0.0019	<0.0019	NT	NT	30	0.0081	mg/kg
1,3,5-Trimethylbenzene	<0.0017	<0.0017	NT	NT	27	0.0087	mg/kg
Benzene	<0.00056	< 0.00054	NT	NT	1.2	0.0026	mg/kg
Toluene	<0.00092	< 0.00090	NT	NT	490	0.69	mg/kg
Ethylbenzene	<0.00093	< 0.00091	NT	NT	5.8	0.78	mg/kg
Total Xylene	<0.0024	< 0.0023	NT	NT	58	9.9	mg/kg
Metals							
Arsenic	4.4	5.6	5.0	5.2	0.68	0.29	mg/kg
Barium	210	850	NT	NT	15,000	82	mg/kg
Cadmium	0.18	0.15 J	NT	NT	71	0.38	mg/kg
Chromium, Hexavalent		< 0.89	NT	NT	0.3	0.00067	mg/kg
Copper	14	6.4	NT	NT	3,100	46	mg/kg
Lead	21	11	NT	NT	400	14	mg/kg
Nickel	18	9.8	NT	NT	1,500	26	mg/kg
Selenium	1	0.99	NT	NT	390	0.26	mg/kg
Silver	0.074 J	< 0.055	NT	NT	390	0.8	mg/kg
Zinc	76	32	NT	NT	23,000	370	mg/kg
Soil Suitability for Reclamation							
Sodium Adsorption Ratio (SAR)	19	3.0	2.0	14	<6	<6	ratio
Electrical Conductivity (EC)	14	7.5	8.8	13	<4	<4	mmhos/cm
pH	8.08	7.85	8.74	8.49	6 - 8.3	6 - 8.3	su
Boron, Hot Water Soluble	1.3	0.21 J	0.86	1.3	2	2	mg/kg-dry
Polynuclear Aromatic Hydrocarbons							
1-Methylnaphthalene	<0.0026	<0.0070	NT	NT	18	0.006	mg/kg
2-Methylnaphthalene	<0.0031	<0.0082	NT	NT	24	0.019	mg/kg
Acenaphthene	0.0039 J	<0.010	NT	NT	360	0.55	mg/kg
Anthracene	<0.0039	<0.011	NT	NT	1,800	5.8	mg/kg
Benzo(a)anthracene	<0.0042	<0.011	NT	NT	1.1	0.011	mg/kg
Benzo(a)pyrene	<0.0035	<0.0094	NT	NT	0.11	0.24	mg/kg
Benzo(b)fluoranthene	<0.0037	<0.010	NT	NT	1.1	0.3	mg/kg
Benzo(k)fluoranthene	<0.0036	<0.0096	NT	NT	11	2.9	mg/kg
Chrysene	<0.0040	<0.011	NT	NT	110	9	mg/kg
Dibenzo(a,h)anthracene	<0.0035	<0.0095	NT	NT	0.11	0.096	mg/kg
Fluoranthene	<0.0035	<0.0093	NT	NT	240	8.9	mg/kg
Fluorene	0.0035 J	<0.0092	NT	NT	240	0.54	mg/kg
Indeno(1,2,3-cd)pyrene	<0.0038	<0.010	NT	NT	1.1	0.98	mg/kg
Napthalene	<0.0042	<0.011	NT	NT	2	0.0038	mg/kg
Pyrene	<0.0042	<0.011	NT	NT	180	1.3	mg/kg

mg/kg - milligrams per kilogram
mg/L - milligrams per liter
B - analyte detected in the associated Method Blank above the Reporting Limit
J - indicates an estimated value
H - analyzed outside of holding time
mmhos/cm - millimhos per centimeter
mv - millivolts
su - standard units
NA - not applicable
NT - parameter was not tested

Over COGCC Table 915-1 concentration levels but under BACKGROUND level.
Over COGCC Table 915-1 concentration levels and not within BACKGROUND level.
Over COGCC Table 915-1 concentration levels



16-Dec-2021

Tim Dobransky
Entrada Consulting Group
330 Grand Ave.
Suite C
Grand Junction, CO 81501

Re: **Fee 96 Spill**

Work Order: **21120314**

Dear Tim,

ALS Environmental received 3 samples on 02-Dec-2021 10:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 26.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

A handwritten signature in black ink, appearing to read "Chad Whelton".

Electronically approved by: Chad Whelton

Chad Whelton
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental 

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: Entrada Consulting Group
Project: Fee 96 Spill
Work Order: 21120314

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
21120314-01	FEE96-SS1	Soil		11/30/2021 15:40	12/2/2021 10:00	<input type="checkbox"/>
21120314-02	FEE96-BG1	Soil		11/30/2021 15:50	12/2/2021 10:00	<input type="checkbox"/>
21120314-03	FEE96-BG2	Soil		11/30/2021 15:55	12/2/2021 10:00	<input type="checkbox"/>

ALS Group, USA

Date: 16-Dec-21

Client: Entrada Consulting Group

Project: Fee 96 Spill

Work Order: 21120314

Case Narrative

Batch 188800, Method SW6020B, Sample FEE96-SS1 (21120314-01A): The reporting limit is elevated due to dilution needed to eliminate matrix-related interference. Boron.

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
% of sample	Percent of Sample
mg/Kg-dry	Milligrams per Kilogram Dry Weight
mg/L	Milligrams per Liter
mmhos/cm @25°C	Millimhos-Centimeter at 25 Degrees Celcius
none	

ALS Group, USA

Date: 16-Dec-21

Client: Entrada Consulting Group
Project: Fee 96 Spill
Sample ID: FEE96-SS1
Collection Date: 11/30/2021 03:40 PM

Work Order: 21120314
Lab ID: 21120314-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015D		Prep: SW3550 / 12/10/21		Analyst: SJB
ERO (C10-C36)	130		22	59	mg/Kg-dry	1	12/11/2021 04:49
Surr: 4-Terphenyl-d14	72.6			25-110	%REC	1	12/11/2021 04:49
GASOLINE RANGE ORGANICS BY GC-FID							
			Method: SW8015D		Prep: SW5035A / 12/6/21		Analyst: SJB
GRO (C6-C10)	U		2.5	6.0	mg/Kg-dry	1	12/6/2021 17:42
Surr: Toluene-d8	89.6			71-123	%REC	1	12/6/2021 17:42
METALS BY ICP-MS							
			Method: SW6020B		Prep: SW3050B / 12/12/21		Analyst: DSC
Arsenic	5.6		0.050	0.42	mg/Kg-dry	1	12/13/2021 21:39
Barium	850		3.8	4.2	mg/Kg-dry	10	12/14/2021 19:47
Cadmium	0.15	J	0.025	0.17	mg/Kg-dry	1	12/13/2021 21:39
Copper	6.4		0.42	0.42	mg/Kg-dry	1	12/13/2021 21:39
Lead	11		0.20	0.42	mg/Kg-dry	1	12/13/2021 21:39
Nickel	9.8		0.22	0.42	mg/Kg-dry	1	12/13/2021 21:39
Selenium	0.99		0.38	0.42	mg/Kg-dry	1	12/13/2021 21:39
Silver	U		0.055	0.42	mg/Kg-dry	1	12/13/2021 21:39
Zinc	32		0.82	0.83	mg/Kg-dry	1	12/13/2021 21:39
SOLUBLE CATIONS FOR SAR							
			Method: SW6020B		Prep: USDA Method 20B / 12/12/21		Analyst: STP
Calcium	600		2.5	5.0	mg/L	10	12/13/2021 14:12
Magnesium	280		0.50	2.0	mg/L	10	12/14/2021 14:54
Sodium	360		1.8	2.0	mg/L	10	12/14/2021 14:54
HOT WATER SOLUBLE BORON BY ICP-MS							
			Method: SW6020B		Prep: EXTRACT / 12/13/21		Analyst: STP
Boron (Hot Water Soluble)	0.21	J	0.017	0.42	mg/Kg-dry	10	12/13/2021 19:56
SODIUM ADSORPTION RATIO							
			Method: USDA H60 METHOD 20B		Prep: USDA Method 20B / 12/12/21		Analyst: STP
Sodium Adsorption Ratio	3.0		0.010	0.010	none	1	12/13/2021
POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)							
			Method: SW8270E		Prep: SW3546 / 12/10/21		Analyst: EEW
1-Methylnaphthalene	U		0.0070	0.012	mg/Kg-dry	1	12/11/2021 00:56
2-Methylnaphthalene	U		0.0082	0.012	mg/Kg-dry	1	12/11/2021 00:56
Acenaphthene	U		0.010	0.012	mg/Kg-dry	1	12/11/2021 00:56
Anthracene	U		0.011	0.012	mg/Kg-dry	1	12/11/2021 00:56
Benzo(a)anthracene	U		0.011	0.012	mg/Kg-dry	1	12/11/2021 00:56
Benzo(a)pyrene	U		0.0094	0.012	mg/Kg-dry	1	12/11/2021 00:56
Benzo(b)fluoranthene	U		0.010	0.012	mg/Kg-dry	1	12/11/2021 00:56
Benzo(k)fluoranthene	U		0.0096	0.012	mg/Kg-dry	1	12/11/2021 00:56
Chrysene	U		0.011	0.012	mg/Kg-dry	1	12/11/2021 00:56

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: 16-Dec-21

Client: Entrada Consulting Group
Project: Fee 96 Spill
Sample ID: FEE96-SS1
Collection Date: 11/30/2021 03:40 PM

Work Order: 21120314
Lab ID: 21120314-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Dibenzo(a,h)anthracene	U		0.0095	0.012	mg/Kg-dry	1	12/11/2021 00:56
Fluoranthene	U		0.0093	0.012	mg/Kg-dry	1	12/11/2021 00:56
Fluorene	U		0.0092	0.012	mg/Kg-dry	1	12/11/2021 00:56
Indeno(1,2,3-cd)pyrene	U		0.010	0.012	mg/Kg-dry	1	12/11/2021 00:56
Naphthalene	U		0.011	0.012	mg/Kg-dry	1	12/11/2021 00:56
Pyrene	U		0.011	0.012	mg/Kg-dry	1	12/11/2021 00:56
Surr: 2-Fluorobiphenyl	92.6			20-140	%REC	1	12/11/2021 00:56
Surr: 4-Terphenyl-d14	79.1			22-172	%REC	1	12/11/2021 00:56
Surr: Nitrobenzene-d5	97.7			28-140	%REC	1	12/11/2021 00:56
VOLATILE ORGANIC COMPOUNDS - LOW LEVEL			Method: SW8260C			Analyst: MF	
1,2,4-Trimethylbenzene	U		0.0019	0.0052	mg/Kg-dry	0.998	12/9/2021 20:48
1,3,5-Trimethylbenzene	U		0.0017	0.0052	mg/Kg-dry	0.998	12/9/2021 20:48
Benzene	U		0.00054	0.0052	mg/Kg-dry	0.998	12/9/2021 20:48
Ethylbenzene	U		0.00091	0.0052	mg/Kg-dry	0.998	12/9/2021 20:48
m,p-Xylene	U		0.0023	0.0026	mg/Kg-dry	0.998	12/9/2021 20:48
o-Xylene	U		0.0013	0.0026	mg/Kg-dry	0.998	12/9/2021 20:48
Toluene	U		0.00090	0.0052	mg/Kg-dry	0.998	12/9/2021 20:48
Xylenes, Total	U		0.0023	0.0052	mg/Kg-dry	0.998	12/9/2021 20:48
Surr: 1,2-Dichloroethane-d4	106			83-132	%REC	0.998	12/9/2021 20:48
Surr: 4-Bromofluorobenzene	97.6			83-111	%REC	0.998	12/9/2021 20:48
Surr: Dibromofluoromethane	101			77-125	%REC	0.998	12/9/2021 20:48
Surr: Toluene-d8	97.6			86-108	%REC	0.998	12/9/2021 20:48
ELECTRICAL CONDUCTIVITY (SAR)			Method: USDA H60 METHOD 20B			Prep: USDA Method 20B / 12/12/21	
Electrical Conductivity @ Saturation	7.5		0.011	0.10	mmhos/cm @25°C	20	12/13/2021 16:41
CHROMIUM, HEXAVALENT			Method: SW7196A			Prep: SW3060A / 12/14/21	
Chromium, Hexavalent	U		0.89	1.0	mg/Kg-dry	1	12/15/2021 18:24
MOISTURE			Method: SW3550C			Analyst: ALG	
Moisture	4.3		0.10	0.10	% of sample	1	12/9/2021 12:00
PH MEASURED IN SOIL PASTE			Method: USDA METHOD 20B			Prep: USDA Method 20B / 12/12/21	
pH @ Saturation	7.85		0.10	0.10	C-dry	1	12/13/2021 15:26

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: 16-Dec-21

Client: Entrada Consulting Group
Project: Fee 96 Spill
Sample ID: FEE96-BG1
Collection Date: 11/30/2021 03:50 PM

Work Order: 21120314
Lab ID: 21120314-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS ANALYSIS BY ICP							
Arsenic	5.0		0.096	0.37	mg/Kg-dry	1	12/15/2021 00:15
SOLUBLE CATIONS FOR SAR							
Calcium	1,300		2.5	5.0	mg/L	10	12/13/2021 14:14
Magnesium	50		0.50	2.0	mg/L	10	12/14/2021 14:55
Sodium	270		1.8	2.0	mg/L	10	12/14/2021 14:55
HOT WATER SOLUBLE BORON BY ICP-MS							
Boron (Hot Water Soluble)	0.86		0.018	0.45	mg/Kg-dry	10	12/13/2021 19:58
SODIUM ADSORPTION RATIO							
Sodium Adsorption Ratio	2.0		0.010	0.010	none	1	12/13/2021
ELECTRICAL CONDUCTIVITY (SAR)							
Electrical Conductivity @ Saturation	8.8		0.011	0.10	mmhos/cm @25°C	20	12/13/2021 16:41
MOISTURE							
Moisture	11		0.10	0.10	% of sample	1	12/9/2021 12:00
PH MEASURED IN SOIL PASTE							
pH @ Saturation	8.74		0.11	0.11	C-dry	1	12/13/2021 15:26

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: 16-Dec-21

Client: Entrada Consulting Group
Project: Fee 96 Spill
Sample ID: FEE96-BG2
Collection Date: 11/30/2021 03:55 PM

Work Order: 21120314
Lab ID: 21120314-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS ANALYSIS BY ICP							
Arsenic	5.2		0.11	0.42	mg/Kg-dry	1	12/15/2021 00:19
SOLUBLE CATIONS FOR SAR							
Calcium	720		2.5	5.0	mg/L	10	12/13/2021 14:15
Magnesium	81		0.50	2.0	mg/L	10	12/14/2021 15:02
Sodium	1,500		1.8	2.0	mg/L	10	12/14/2021 15:02
HOT WATER SOLUBLE BORON BY ICP-MS							
Boron (Hot Water Soluble)	1.3		0.018	0.44	mg/Kg-dry	10	12/13/2021 20:00
SODIUM ADSORPTION RATIO							
Sodium Adsorption Ratio	14		0.010	0.010	none	1	12/13/2021
ELECTRICAL CONDUCTIVITY (SAR)							
Electrical Conductivity @ Saturation	13		0.011	0.10	mmhos/cm @25°C	20	12/13/2021 16:41
MOISTURE							
Moisture	8.9		0.10	0.10	% of sample	1	12/9/2021 12:00
PH MEASURED IN SOIL PASTE							
pH @ Saturation	8.49		0.11	0.11	C-dry	1	12/13/2021 15:26

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Entrada Consulting Group
Work Order: 21120314
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **188560** Instrument ID **GC8** Method: **SW8015D**

MBLK		Sample ID: DBLKS1-188560-188560				Units: mg/Kg		Analysis Date: 12/11/2021 01:02 AM		
Client ID:			Run ID: GC8_211210A			SeqNo: 8020822		Prep Date: 12/10/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
ERO (C10-C36)	U	20								
Surr: 4-Terphenyl-d14	2.472	0	3.33	0	74.2	25-110	0			

LCS		Sample ID: DLCSS1-188560-188560				Units: mg/Kg		Analysis Date: 12/11/2021 01:40 AM		
Client ID:			Run ID: GC8_211210A			SeqNo: 8020823		Prep Date: 12/10/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
ERO (C10-C36)	829.2	20	667	0	124	50-133	0			
<i>Surr: 4-Terphenyl-d14</i>	2.579	0	3.33	0	77.4	25-110	0			

MS		Sample ID: 21120316-05B MS				Units: mg/Kg		Analysis Date: 12/11/2021 02:18 AM		
Client ID:			Run ID: GC8_211210A			SeqNo: 8020824		Prep Date: 12/10/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
ERO (C10-C36)	3546	20	657.6	3118	65.2	50-133	0			O
Surr: 4-Terphenyl-d14	5.616	0	3.283	0	171	25-110	0			S

MSD		Sample ID: 21120316-05B MSD				Units: mg/Kg		Analysis Date: 12/11/2021 02:56 AM		
Client ID:		Run ID: GC8_211210A			SeqNo: 8020825		Prep Date: 12/10/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
ERO (C10-C36)	3386	20	661.7	3118	40.6	50-133	3546	4.62	30	SO
Surr: 4-Terphenyl-d14	5.287	0	3.303	0	160	25-110	5.616	6.02	30	S

The following samples were analyzed in this batch:

21120314-01A

Client: Entrada Consulting Group
Work Order: 21120314
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **188360** Instrument ID **GC9** Method: **SW8015D**

MBLK		Sample ID: MBLK-188360-188360				Units: µg/Kg-dry		Analysis Date: 12/6/2021 04:36 PM		
Client ID:		Run ID: GC9_211206A				SeqNo: 8005354		Prep Date: 12/6/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	U	5,000								
<i>Surr: Toluene-d8</i>	4240	0	5000	0	84.8	71-123	0			

LCS		Sample ID: LCS-188360-188360				Units: µg/Kg-dry		Analysis Date: 12/6/2021 03:52 PM		
Client ID:		Run ID: GC9_211206A				SeqNo: 8005352		Prep Date: 12/6/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	281000	5,000	250000	0	112	71-123	0			
<i>Surr: Toluene-d8</i>	4858	0	5000	0	97.2	71-123	0			

MS		Sample ID: 21120297-01A MS				Units: µg/Kg-dry		Analysis Date: 12/6/2021 07:10 PM		
Client ID:		Run ID: GC9_211206A				SeqNo: 8005365		Prep Date: 12/6/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	337600	5,500	276200	20260	115	71-123	0			
<i>Surr: Toluene-d8</i>	5157	0	5525	0	93.3	71-123	0			

MSD		Sample ID: 21120297-01A MSD				Units: µg/Kg-dry		Analysis Date: 12/6/2021 07:32 PM		
Client ID:		Run ID: GC9_211206A				SeqNo: 8005367		Prep Date: 12/6/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	314500	5,500	276200	20260	107	71-123	337600	7.08	30	
<i>Surr: Toluene-d8</i>	5121	0	5525	0	92.7	71-123	5157	0.699	30	

The following samples were analyzed in this batch:

21120314-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21120314
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **188705** Instrument ID **ICP2** Method: **SW6010D**

MBLK		Sample ID: MBLK-188705-188705				Units: mg/Kg		Analysis Date: 12/14/2021 11:16 PM		
Client ID:		Run ID: ICP2_211214A				SeqNo: 8030796		Prep Date: 12/11/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.25								

LCS		Sample ID: LCS-188705-188705				Units: mg/Kg		Analysis Date: 12/14/2021 11:21 PM		
Client ID:		Run ID: ICP2_211214A				SeqNo: 8030797		Prep Date: 12/11/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.86	0.25	5	0	97.2	80-120	0			

MS		Sample ID: 21120277-05AMS				Units: mg/Kg		Analysis Date: 12/14/2021 11:51 PM		
Client ID:		Run ID: ICP2_211214A				SeqNo: 8030803		Prep Date: 12/11/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	6.434	0.34	6.831	-0.04547	94.9	75-125	0			

MSD		Sample ID: 21120277-05AMSD				Units: mg/Kg		Analysis Date: 12/14/2021 11:55 PM		
Client ID:		Run ID: ICP2_211214A				SeqNo: 8030804		Prep Date: 12/11/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	7.067	0.36	7.153	-0.04547	99.4	75-125	6.434	9.37	20	

The following samples were analyzed in this batch:

21120314-02A 21120314-03A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21120314
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **188711** Instrument ID **ICPMS4** Method: **SW6020B**

MBLK Sample ID: MBLK-188711-188711				Units: mg/Kg		Analysis Date: 12/13/2021 09:16 PM				
Client ID:		Run ID: ICPMS4_211213B		SeqNo: 8024446		Prep Date: 12/12/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.25								
Barium	U	0.25								
Cadmium	U	0.10								
Copper	U	0.25								
Lead	U	0.25								
Nickel	U	0.25								
Selenium	U	0.25								
Silver	U	0.25								
Zinc	U	0.50								

LCS Sample ID: LCS-188711-188711				Units: mg/Kg		Analysis Date: 12/13/2021 09:19 PM				
Client ID:		Run ID: ICPMS4_211213B		SeqNo: 8024447		Prep Date: 12/12/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.688	0.25	5	0	93.8	80-120	0			
Barium	4.767	0.25	5	0	95.3	80-120	0			
Cadmium	4.742	0.10	5	0	94.8	80-120	0			
Copper	4.891	0.25	5	0	97.8	80-120	0			
Lead	4.72	0.25	5	0	94.4	80-120	0			
Nickel	4.812	0.25	5	0	96.2	80-120	0			
Selenium	4.763	0.25	5	0	95.3	80-120	0			
Silver	4.492	0.25	5	0	89.8	80-120	0			
Zinc	4.74	0.50	5	0	94.8	80-120	0			

MS Sample ID: 21120510-04BMS				Units: mg/Kg		Analysis Date: 12/13/2021 10:07 PM				
Client ID:		Run ID: ICPMS4_211213B		SeqNo: 8024470		Prep Date: 12/12/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	11.22	0.40	8.064	2.919	103	75-125	0			
Barium	30.29	0.40	8.064	19.53	133	75-125	0			S
Cadmium	7.636	0.16	8.064	0.09003	93.6	75-125	0			
Copper	13.58	0.40	8.064	7.07	80.7	75-125	0			
Lead	23.86	0.40	8.064	36.55	-157	75-125	0			SO
Nickel	14.41	0.40	8.064	6.376	99.7	75-125	0			
Selenium	7.724	0.40	8.064	0.06858	94.9	75-125	0			
Silver	7.214	0.40	8.064	0.02305	89.2	75-125	0			
Zinc	22.2	0.81	8.064	21.4	9.85	75-125	0			S

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21120314
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **188711** Instrument ID **ICPMS4** Method: **SW6020B**

MSD				Sample ID: 21120510-04BM			Units: mg/Kg		Analysis Date: 12/13/2021 10:09 PM	
Client ID:		Run ID: ICPMS4_211213B			SeqNo: 8024471		Prep Date: 12/12/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	10.59	0.41	8.104	2.919	94.6	75-125	11.22	5.81	20	
Barium	43.91	0.41	8.104	19.53	301	75-125	30.29	36.7	20	SR
Cadmium	7.375	0.16	8.104	0.09003	89.9	75-125	7.636	3.49	20	
Copper	14.53	0.41	8.104	7.07	92	75-125	13.58	6.78	20	
Lead	21.96	0.41	8.104	36.55	-180	75-125	23.86	8.28	20	SO
Nickel	15.19	0.41	8.104	6.376	109	75-125	14.41	5.27	20	
Selenium	7.537	0.41	8.104	0.06858	92.2	75-125	7.724	2.45	20	
Silver	6.888	0.41	8.104	0.02305	84.7	75-125	7.214	4.63	20	
Zinc	22.78	0.81	8.104	21.4	17	75-125	22.2	2.59	20	S

The following samples were analyzed in this batch:

21120314-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21120314
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **188730** Instrument ID **ICPMS3** Method: **SW6020B**

DUP		Sample ID: 21120313-02A dup				Units: mg/L		Analysis Date: 12/13/2021 02:09 PM		
Client ID:		Run ID: ICPMS3_211213A				SeqNo: 8023464		Prep Date: 12/12/2021		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Calcium	172.8	5.0	0	0	0	0-0	182.7	5.55		
---------	-------	-----	---	---	---	-----	-------	------	--	--

DUP		Sample ID: 21120313-02A dup				Units: mg/L		Analysis Date: 12/14/2021 02:50 PM		
Client ID:		Run ID: ICPMS3_211214A				SeqNo: 8027135		Prep Date: 12/12/2021		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Magnesium	40.42	2.0	0	0	0	0-0	41.12	1.72		
Sodium	15.58	2.0	0	0	0	0-0	16.36	4.87		

The following samples were analyzed in this batch:

21120314-01A	21120314-02A	21120314-03A
--------------	--------------	--------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21120314
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **188800** Instrument ID **ICPMS3** Method: **SW6020B**

MBLK		Sample ID: MBLK-188800-188800				Units: mg/Kg		Analysis Date: 12/13/2021 07:44 PM		
Client ID:		Run ID: ICPMS3_211213B				SeqNo: 8026029		Prep Date: 12/13/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Boron (Hot Water Soluble)	0.01403	0.040								J

LCS		Sample ID: LCS-188800-188800				Units: mg/Kg		Analysis Date: 12/13/2021 07:46 PM		
Client ID:		Run ID: ICPMS3_211213B				SeqNo: 8026030		Prep Date: 12/13/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Boron (Hot Water Soluble)	0.8827	0.040	1	0	88.3	80-120		0		

The following samples were analyzed in this batch:

21120314-01A	21120314-02A	21120314-03A
--------------	--------------	--------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21120314
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **188730** Instrument ID **SAR** Method: **USDA H60 Metho**

DUP		Sample ID: 21120313-02A dup				Units: none		Analysis Date: 12/13/2021		
Client ID:		Run ID: SAR_211213A				SeqNo: 8027334		Prep Date: 12/12/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium Adsorption Ratio	0.2772	0.010	0	0	0		0.2846	2.62	50	

The following samples were analyzed in this batch:

21120314-01A	21120314-02A	21120314-03A
--------------	--------------	--------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
 Work Order: 21120314
 Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **188648** Instrument ID **SVMS6** Method: **SW8270E**

MBLK				Sample ID: SBLKS1-188648-188648			Units: µg/Kg		Analysis Date: 12/10/2021 04:07 PM		
Client ID:			Run ID: SVMS6_211210A			SeqNo: 8021550		Prep Date: 12/10/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1-Methylnaphthalene	U	4.2									
2-Methylnaphthalene	U	4.2									
Acenaphthene	U	4.2									
Anthracene	U	4.2									
Benzo(a)anthracene	U	4.2									
Benzo(a)pyrene	U	4.2									
Benzo(b)fluoranthene	U	4.2									
Benzo(k)fluoranthene	U	4.2									
Chrysene	U	4.2									
Dibenzo(a,h)anthracene	U	4.2									
Fluoranthene	U	4.2									
Fluorene	U	4.2									
Indeno(1,2,3-cd)pyrene	U	4.2									
Naphthalene	U	4.2									
Pyrene	U	4.2									
Surr: 2-Fluorobiphenyl	614.5	0	666.6	0	92.2	20-140		0			
Surr: 4-Terphenyl-d14	570.7	0	666.6	0	85.6	22-172		0			
Surr: Nitrobenzene-d5	670.2	0	666.6	0	101	28-140		0			

LCS				Sample ID: SLCSS1-188648-188648				Units: µg/Kg		Analysis Date: 12/10/2021 04:22 PM		
Client ID:			Run ID: SVMS6_211210A			SeqNo: 8021551		Prep Date: 12/10/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
1-Methylnaphthalene	632.8	4.2	666.6	0	94.9	40-140	0					
2-Methylnaphthalene	570.6	4.2	666.6	0	85.6	40-140	0					
Acenaphthene	566	4.2	666.6	0	84.9	40-140	0					
Anthracene	589	4.2	666.6	0	88.4	40-140	0					
Benzo(a)anthracene	595.1	4.2	666.6	0	89.3	40-140	0					
Benzo(a)pyrene	625.2	4.2	666.6	0	93.8	40-140	0					
Benzo(b)fluoranthene	546.1	4.2	666.6	0	81.9	40-140	0					
Benzo(k)fluoranthene	541.7	4.2	666.6	0	81.3	40-140	0					
Chrysene	597.7	4.2	666.6	0	89.7	40-140	0					
Dibenzo(a,h)anthracene	567.8	4.2	666.6	0	85.2	40-140	0					
Fluoranthene	595.7	4.2	666.6	0	89.4	40-140	0					
Fluorene	542.4	4.2	666.6	0	81.4	40-140	0					
Indeno(1,2,3-cd)pyrene	535.6	4.2	666.6	0	80.4	40-140	0					
Naphthalene	576.9	4.2	666.6	0	86.5	40-140	0					
Pyrene	514.6	4.2	666.6	0	77.2	40-140	0					
Surr: 2-Fluorobiphenyl	592.6	0	666.6	0	88.9	20-140	0					
Surr: 4-Terphenyl-d14	536.2	0	666.6	0	80.4	22-172	0					
Surr: Nitrobenzene-d5	516.1	0	666.6	0	77.4	28-140	0					

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
 Work Order: 21120314
 Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **188648** Instrument ID **SVMS6** Method: **SW8270E**

MS					Sample ID: 21120510-10B MS		Units: µg/Kg		Analysis Date: 12/10/2021 10:51 PM		
Client ID:			Run ID: SVMS6_211210A			SeqNo: 8021574		Prep Date: 12/10/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1-Methylnaphthalene	592.9	4.0	644	0	92.1	40-140	0				
2-Methylnaphthalene	569.9	4.0	644	0	88.5	40-140	0				
Acenaphthene	550	4.0	644	0	85.4	40-140	0				
Anthracene	579.3	4.0	644	0	90	40-140	0				
Benzo(a)anthracene	587.3	4.0	644	0	91.2	40-140	0				
Benzo(a)pyrene	616.1	4.0	644	0	95.7	40-140	0				
Benzo(b)fluoranthene	529.5	4.0	644	0	82.2	40-140	0				
Benzo(k)fluoranthene	545.3	4.0	644	0	84.7	40-140	0				
Chrysene	587.3	4.0	644	0	91.2	40-140	0				
Dibenzo(a,h)anthracene	542.3	4.0	644	0	84.2	40-140	0				
Fluoranthene	589.9	4.0	644	0	91.6	40-140	0				
Fluorene	530	4.0	644	0	82.3	40-140	0				
Indeno(1,2,3-cd)pyrene	503.5	4.0	644	0	78.2	40-140	0				
Naphthalene	564.7	4.0	644	0	87.7	40-140	0				
Pyrene	496.3	4.0	644	0	77.1	40-140	0				
Surr: 2-Fluorobiphenyl	579.8	0	644	0	90	20-140	0				
Surr: 4-Terphenyl-d14	524.1	0	644	0	81.4	22-172	0				
Surr: Nitrobenzene-d5	526	0	644	0	81.7	28-140	0				

MSD					Sample ID: 21120510-10B MSD		Units: µg/Kg		Analysis Date: 12/10/2021 11:07 PM		
Client ID:			Run ID: SVMS6_211210A			SeqNo: 8021575		Prep Date: 12/10/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1-Methylnaphthalene	610.1	4.1	648.7	0	94	40-140	592.9	2.86	30		
2-Methylnaphthalene	588.2	4.1	648.7	0	90.7	40-140	569.9	3.17	30		
Acenaphthene	563.3	4.1	648.7	0	86.8	40-140	550	2.39	30		
Anthracene	601	4.1	648.7	0	92.7	40-140	579.3	3.69	30		
Benzo(a)anthracene	596.4	4.1	648.7	0	91.9	40-140	587.3	1.55	30		
Benzo(a)pyrene	623.8	4.1	648.7	0	96.2	40-140	616.1	1.24	30		
Benzo(b)fluoranthene	547.4	4.1	648.7	0	84.4	40-140	529.5	3.32	30		
Benzo(k)fluoranthene	553.7	4.1	648.7	0	85.4	40-140	545.3	1.53	30		
Chrysene	599.4	4.1	648.7	0	92.4	40-140	587.3	2.04	30		
Dibenzo(a,h)anthracene	547.7	4.1	648.7	0	84.4	40-140	542.3	0.997	30		
Fluoranthene	605.7	4.1	648.7	0	93.4	40-140	589.9	2.64	30		
Fluorene	540.4	4.1	648.7	0	83.3	40-140	530	1.94	30		
Indeno(1,2,3-cd)pyrene	512.7	4.1	648.7	0	79	40-140	503.5	1.82	30		
Naphthalene	584	4.1	648.7	0	90	40-140	564.7	3.37	30		
Pyrene	505.7	4.1	648.7	0	78	40-140	496.3	1.88	30		
Surr: 2-Fluorobiphenyl	593.2	0	648.7	0	91.4	20-140	579.8	2.29	30		
Surr: 4-Terphenyl-d14	535.8	0	648.7	0	82.6	22-172	524.1	2.22	30		
Surr: Nitrobenzene-d5	550.4	0	648.7	0	84.8	28-140	526	4.53	30		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21120314
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **188648** Instrument ID **SVMS6** Method: **SW8270E**

The following samples were analyzed in this batch:

21120314-01A

Client: Entrada Consulting Group
 Work Order: 21120314
 Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **R334082** Instrument ID **VMS8** Method: **SW8260C**

MBLK				Sample ID: 8V-BLKS3-211209-R334082				Units: µg/Kg			Analysis Date: 12/9/2021 05:46 PM		
Client ID:			Run ID: VMS8_211209A				SeqNo: 8015862		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			
1,2,4-Trimethylbenzene	U	5.0											
1,3,5-Trimethylbenzene	U	5.0											
Benzene	U	5.0											
Ethylbenzene	U	5.0											
m,p-Xylene	U	2.5											
o-Xylene	U	2.5											
Toluene	U	5.0											
Xylenes, Total	U	5.0											
Surr: 1,2-Dichloroethane-d4	19.76	0	20	0	98.8	83-132		0					
Surr: 4-Bromofluorobenzene	19.47	0	20	0	97.4	83-111		0					
Surr: Dibromofluoromethane	19.4	0	20	0	97	77-125		0					
Surr: Toluene-d8	20.48	0	20	0	102	86-108		0					

LCS					Sample ID: 8V-LCSS1-211209-R334082		Units: µg/Kg		Analysis Date: 12/9/2021 04:42 PM		
Client ID:			Run ID: VMS8_211209A			SeqNo: 8015860		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,2,4-Trimethylbenzene	20.39	5.0	20	0	102	71-133		0			
1,3,5-Trimethylbenzene	22.09	5.0	20	0	110	71-139		0			
Benzene	20.66	5.0	20	0	103	77-133		0			
Ethylbenzene	21.42	5.0	20	0	107	75-133		0			
m,p-Xylene	43.2	2.5	40	0	108	75-134		0			
o-Xylene	21.41	2.5	20	0	107	76-130		0			
Toluene	20.3	5.0	20	0	102	76-130		0			
Xylenes, Total	64.61	5.0	60	0	108	75-132		0			
Surr: 1,2-Dichloroethane-d4	19.97	0	20	0	99.8	83-132		0			
Surr: 4-Bromofluorobenzene	19.98	0	20	0	99.9	83-111		0			
Surr: Dibromofluoromethane	20.43	0	20	0	102	77-125		0			
Surr: Toluene-d8	20.32	0	20	0	102	86-108		0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
 Work Order: 21120314
 Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **R334082** Instrument ID **VMS8** Method: **SW8260C**

MS				Sample ID: 21120341-02A MS			Units: µg/Kg		Analysis Date: 12/10/2021 01:03 AM		
Client ID:		Run ID: VMS8_211209A			SeqNo: 8015878		Prep Date:		DF: 0.994		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,2,4-Trimethylbenzene	14.44	5.0	19.88	0.3604	70.8	71-133		0		S	
1,3,5-Trimethylbenzene	15.88	5.0	19.88	0	79.9	71-139		0			
Benzene	16.97	5.0	19.88	0	85.4	77-133		0			
Ethylbenzene	16.33	5.0	19.88	0	82.1	75-133		0			
m,p-Xylene	32.76	2.5	39.76	0	82.4	75-134		0			
o-Xylene	17.02	2.5	19.88	0	85.6	76-130		0			
Toluene	16.21	5.0	19.88	0	81.5	76-130		0			
Xylenes, Total	49.78	5.0	59.64	0	83.5	75-132		0			
Surr: 1,2-Dichloroethane-d4	21.09	0	19.88	0	106	83-132		0			
Surr: 4-Bromofluorobenzene	20.53	0	19.88	0	103	83-111		0			
Surr: Dibromofluoromethane	20.08	0	19.88	0	101	77-125		0			
Surr: Toluene-d8	20.15	0	19.88	0	101	86-108		0			

DUP				Sample ID: 21120341-03A DUP			Units: µg/Kg		Analysis Date: 12/9/2021 09:43 PM		
Client ID:		Run ID: VMS8_211209A			SeqNo: 8015877		Prep Date:		DF: 0.919		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,2,4-Trimethylbenzene	U	4.6	0	0	0		0	0	30		
1,3,5-Trimethylbenzene	U	4.6	0	0	0		0	0	30		
Benzene	U	4.6	0	0	0		0	0	30		
Ethylbenzene	U	4.6	0	0	0		0	0	30		
m,p-Xylene	U	2.3	0	0	0		0	0	30		
o-Xylene	U	2.3	0	0	0		0	0	30		
Toluene	U	4.6	0	0	0		0	0	30		
Xylenes, Total	U	4.6	0	0	0		0	0	30		
Surr: 1,2-Dichloroethane-d4	21.01	0	18.38	0	114	83-132	20.38	3.05	30		
Surr: 4-Bromofluorobenzene	18.21	0	18.38	0	99.1	83-111	18.79	3.17	30		
Surr: Dibromofluoromethane	19.18	0	18.38	0	104	77-125	18.4	4.15	30		
Surr: Toluene-d8	17.87	0	18.38	0	97.3	86-108	17.25	3.56	30		

The following samples were analyzed in this batch:

21120314-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21120314
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **188730** Instrument ID **WETCHEM** Method: **USDA Method 20**

DUP		Sample ID: 21120313-02A DUP				Units: C		Analysis Date: 12/13/2021 03:26 PM		
Client ID:		Run ID: WETCHEM_211213J		SeqNo: 8024069		Prep Date: 12/12/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH @ Saturation	7.44	0.10	0	0	0	0-0	7.4	0.539	20	

DUP		Sample ID: 21120313-02A DUP				Units: mmhos/cm @25°		Analysis Date: 12/13/2021 04:41 PM		
Client ID:		Run ID: WETCHEM_211213K		SeqNo: 8024089		Prep Date: 12/12/2021		DF: 20		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturation	1.246	0.10	0	0	0		1.274	2.22	50	

The following samples were analyzed in this batch:

21120314-01A	21120314-02A	21120314-03A
--------------	--------------	--------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
 Work Order: 21120314
 Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **189016** Instrument ID **SPEC-03** Method: **SW7196A**

MBLK		Sample ID: MBLK-189016-189016				Units: mg/Kg		Analysis Date: 12/15/2021 06:24 PM		
Client ID:		Run ID: SPEC-03_211215B				SeqNo: 8033121		Prep Date: 12/14/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent U 1.0

LCS		Sample ID: LCS-189016-189016				Units: mg/Kg		Analysis Date: 12/15/2021 06:24 PM		
Client ID:		Run ID: SPEC-03_211215B				SeqNo: 8033122		Prep Date: 12/14/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 4.58 1.0 5 0 91.6 80-120 0

MS		Sample ID: 21120314-01A MS				Units: mg/Kg		Analysis Date: 12/15/2021 06:24 PM		
Client ID: FEE96-SS1		Run ID: SPEC-03_211215B				SeqNo: 8033125		Prep Date: 12/14/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 3.85 1.0 5 -0.06 78.2 75-125 0

MS		Sample ID: 21120314-01A MSI				Units: mg/Kg		Analysis Date: 12/15/2021 06:24 PM		
Client ID: FEE96-SS1		Run ID: SPEC-03_211215B				SeqNo: 8033127		Prep Date: 12/14/2021		DF: 100
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1751 100 1899 -0.06 92.2 75-125 0

MSD		Sample ID: 21120314-01A MSD				Units: mg/Kg		Analysis Date: 12/15/2021 06:24 PM		
Client ID: FEE96-SS1		Run ID: SPEC-03_211215B				SeqNo: 8033126		Prep Date: 12/14/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 3.85 1.0 5 -0.06 78.2 75-125 3.85 0 20

The following samples were analyzed in this batch:

21120314-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
 Work Order: 21120314
 Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **R334109** Instrument ID **MOIST** Method: **SW3550C**

MBLK		Sample ID: WBLKS-R334109				Units: % of sample		Analysis Date: 12/9/2021 12:00 PM		
Client ID:		Run ID: MOIST_211209B				SeqNo: 8016002		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	U	0.10								

LCS		Sample ID: LCS-R334109				Units: % of sample		Analysis Date: 12/9/2021 12:00 PM		
Client ID:		Run ID: MOIST_211209B				SeqNo: 8016001		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	100	0.10	100	0	100	98-102	0			

DUP		Sample ID: 21120314-01A DUP				Units: % of sample		Analysis Date: 12/9/2021 12:00 PM		
Client ID: FEE96-SS1		Run ID: MOIST_211209B				SeqNo: 8015980		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	4.2	0.10	0	0	0	0-0	4.33	3.05	10	

DUP		Sample ID: 21120317-02A DUP				Units: % of sample		Analysis Date: 12/9/2021 12:00 PM		
Client ID:		Run ID: MOIST_211209B				SeqNo: 8015984		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	16.42	0.10	0	0	0	0-0	16.77	2.11	10	

The following samples were analyzed in this batch:

21120314-01A	21120314-02A	21120314-03A
--------------	--------------	--------------

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Chain of Custody Form

Page _____ of _____

☒ **ALS Environmental**
3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

ALS Project Manager:						ALS Work Order #:		Z1120314											
Customer Information			Project Information				Parameter/Method Request for Analysis												
Purchase Order			Project Name	Fee 96 Spill			A	BTEX, TMBs											
Work Order			Project Number				B	Table 915 PAHs											
Company Name	Entrada Consulting Group		Bill To Company	Entrada Consulting Group			C	Table 915 Metals											
Send Report To	Tim Dobransky		Invoice Attn.				D	Hot Water Soluble Boron											
Address	330 Grand Ave., Ste C		Address	330 Grand Ave., Ste, C			E	GRO											
							F	ERO											
City/State/Zip	Grand Junction, CO 81501		City/State/Zip	Grand Junction, CO 81501			G	SAR/EC/pH											
Phone	970-270-2986		Phone	970-270-2986			H	Arsenic											
Fax			Fax				I												
e-Mail Address	tdobransky@entradainc.com						J												
No.	Sample Description		Date	Time	Matrix	Pres. Key Numbers	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold	
	FEE96-SS1		11/30/2021	1540	Soil	8	3	X	X	X	X	X	X	X					
	FEE96-BG1		11/30/2021	1550	Soil	8	1				X			X	X				
	FEE96-BG2		11/30/2021	1555	Soil	8	1				X			X	X				
Sampler(s): Please Print & Sign J Dilka			Shipment Method:		Turnaround Time: (Business Days) <input checked="" type="checkbox"/> 10 BD <input type="checkbox"/> 5 BD <input type="checkbox"/> 3 BD <input type="checkbox"/> 2 BD <input type="checkbox"/> Other _____ <input type="checkbox"/> 1 BD				Results Due Date:										
Relinquished by: 		Date: 12/1/21	Time: 1630	Received by: FEDEX		Date:	Time:	Notes: Please run for COGCC Protection of GW low level standards											
Relinquished by: FEDEX		Date: 12/2/21	Time: 1000	Received by (Laboratory): 		Date:	Time:	ALS Cooler ID 123	Cooler Temp 4.2°C	QC Package: (Check Box Below) <input type="checkbox"/> Level II: Standard QC <input type="checkbox"/> Level III: Raw Data <input type="checkbox"/> TRRP LRC <input type="checkbox"/> TRRP Level IV <input checked="" type="checkbox"/> Level IV: SW846 Methods/CLP like <input type="checkbox"/> Other: _____									
Logged by (Laboratory): KE		Date: 12/4/21	Time: 0905	Checked by (Laboratory): 															

Preservative Key: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₃ 6-NaHSO₄ 7-Other 8-4°C

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS.

Sample Receipt Checklist

Client Name: **ENTRADA**

Date/Time Received: **02-Dec-21 10:00**

Work Order: **21120314**

Received by: **KRW**

Checklist completed by **Keith Wierenga**

04-Dec-21

Reviewed by: **Chad Whelton**

06-Dec-21

eSignature

Date

eSignature

Date

Matrices: **Soil**

Carrier name: **FedEx**

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container/cooler? Yes ☒ No ☐ Not Present ☐

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Container/Temp Blank temperature in compliance? Yes ☒ No ☐

Sample(s) received on ice? Yes ☒ No ☐

Temperature(s)/Thermometer(s): **4.2/5.2 C** **IR3**

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage: **12/4/2021 9:04:06 AM**

Water - VOA vials have zero headspace? Yes ☐ No ☐ No VOA vials submitted ☒

Water - pH acceptable upon receipt? Yes ☐ No ☐ N/A ☒

pH adjusted? Yes ☐ No ☐ N/A ☒

pH adjusted by: -

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction:



19-Nov-2021

Tim Dobransky
Entrada Consulting Group
330 Grand Ave.
Suite C
Grand Junction, CO 81501

Re: **Fee 96 Spill**

Work Order: **21110146**

Dear Tim,

ALS Environmental received 1 sample on 01-Nov-2021 10:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 22.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

A handwritten signature in black ink, appearing to read "Chad Whelton".

Electronically approved by: Chad Whelton

Chad Whelton
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental 

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: Entrada Consulting Group
Project: Fee 96 Spill
Work Order: 21110146

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
21110146-01	FEE96 (5' BGS)	Soil		10/21/2021 12:00	11/1/2021 10:00	<input type="checkbox"/>

ALS Group, USA

Date: 19-Nov-21

Client: Entrada Consulting Group

Project: Fee 96 Spill

Work Order: 21110146

Case Narrative

Batch 186609, Method SW8270E, Sample FEE96 (5' BGS) (21110146-01A): One or more PAH surrogate recoveries were below the lower control limits. The sample results may be biased low.

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
J	Analyte is present at an estimated concentration between the MDL and Report Limit
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
% of sample	Percent of Sample
mg/Kg-dry	Milligrams per Kilogram Dry Weight
mg/L	Milligrams per Liter
mmhos/cm @25°C	Millimhos-Centimeter at 25 Degrees Celcius
none	

ALS Group, USA

Date: 19-Nov-21

Client: Entrada Consulting Group
Project: Fee 96 Spill
Sample ID: FEE96 (5' BGS)
Collection Date: 10/21/2021 12:00 PM

Work Order: 21110146
Lab ID: 21110146-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015D		Prep: SW3550 / 11/2/21		Analyst: AK
ERO (C10-C36)	160		8.3	22	mg/Kg-dry	1	11/3/2021 16:41
Surr: 4-Terphenyl-d14	59.1			33-111	%REC	1	11/3/2021 16:41
GASOLINE RANGE ORGANICS BY GC-FID							
			Method: SW8015D		Prep: SW5035A / 11/2/21		Analyst: AK
GRO (C6-C10)	U		2.4	5.6	mg/Kg-dry	1	11/3/2021 11:01
Surr: Toluene-d8	91.5			71-123	%REC	1	11/3/2021 11:01
METALS BY ICP-MS							
			Method: SW6020B		Prep: SW3050B / 11/10/21		Analyst: STP
Arsenic	4.4		0.052	0.43	mg/Kg-dry	1	11/10/2021 23:25
Barium	210		4.0	4.3	mg/Kg-dry	10	11/11/2021 12:35
Cadmium	0.18		0.026	0.17	mg/Kg-dry	1	11/10/2021 23:25
Copper	14		0.43	0.43	mg/Kg-dry	1	11/10/2021 23:25
Lead	21		0.21	0.43	mg/Kg-dry	1	11/10/2021 23:25
Nickel	18		0.23	0.43	mg/Kg-dry	1	11/10/2021 23:25
Selenium	1.0		0.40	0.43	mg/Kg-dry	1	11/10/2021 23:25
Silver	0.074	J	0.057	0.43	mg/Kg-dry	1	11/10/2021 23:25
Zinc	76		0.85	0.87	mg/Kg-dry	1	11/10/2021 23:25
SOLUBLE CATIONS FOR SAR							
			Method: SW6020B		Prep: USDA Method 20B / 11/9/21		Analyst: STP
Calcium	510		2.5	5.0	mg/L	10	11/9/2021 16:51
Magnesium	130		0.50	2.0	mg/L	10	11/9/2021 16:51
Sodium	1,900		18	20	mg/L	100	11/9/2021 17:25
HOT WATER SOLUBLE BORON BY ICP-MS							
			Method: SW6020B		Prep: EXTRACT / 11/5/21		Analyst: DSC
Boron (Hot Water Soluble)	1.3		0.018	0.44	mg/Kg-dry	10	11/5/2021 17:33
SODIUM ADSORPTION RATIO							
			Method: USDA H60 METHOD 20B		Prep: USDA Method 20B / 11/9/21		Analyst: STP
Sodium Adsorption Ratio	19		0.010	0.010	none	1	11/9/2021
POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)							
			Method: SW8270E		Prep: SW3546 / 11/3/21		Analyst: EEW
1-Methylnaphthalene	U		0.0026	0.0044	mg/Kg-dry	1	11/4/2021 18:10
2-Methylnaphthalene	U		0.0031	0.0044	mg/Kg-dry	1	11/4/2021 18:10
Acenaphthene	0.0039	J	0.0037	0.0044	mg/Kg-dry	1	11/4/2021 18:10
Anthracene	U		0.0039	0.0044	mg/Kg-dry	1	11/4/2021 18:10
Benzo(a)anthracene	U		0.0042	0.0044	mg/Kg-dry	1	11/4/2021 18:10
Benzo(a)pyrene	U		0.0035	0.0044	mg/Kg-dry	1	11/4/2021 18:10
Benzo(b)fluoranthene	U		0.0037	0.0044	mg/Kg-dry	1	11/4/2021 18:10
Benzo(k)fluoranthene	U		0.0036	0.0044	mg/Kg-dry	1	11/4/2021 18:10
Chrysene	U		0.0040	0.0044	mg/Kg-dry	1	11/4/2021 18:10

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group, USA

Date: 19-Nov-21

Client: Entrada Consulting Group
Project: Fee 96 Spill
Sample ID: FEE96 (5' BGS)
Collection Date: 10/21/2021 12:00 PM

Work Order: 21110146
Lab ID: 21110146-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Dibenzo(a,h)anthracene	U		0.0035	0.0044	mg/Kg-dry	1	11/4/2021 18:10
Fluoranthene	U		0.0035	0.0044	mg/Kg-dry	1	11/4/2021 18:10
Fluorene	0.0035	J	0.0034	0.0044	mg/Kg-dry	1	11/4/2021 18:10
Indeno(1,2,3-cd)pyrene	U		0.0038	0.0044	mg/Kg-dry	1	11/4/2021 18:10
Naphthalene	U		0.0042	0.0044	mg/Kg-dry	1	11/4/2021 18:10
Pyrene	U		0.0042	0.0044	mg/Kg-dry	1	11/4/2021 18:10
Surr: 2-Fluorobiphenyl	24.8			20-140	%REC	1	11/4/2021 18:10
Surr: 4-Terphenyl-d14	6.62	S		22-172	%REC	1	11/4/2021 18:10
Surr: Nitrobenzene-d5	18.1	S		28-140	%REC	1	11/4/2021 18:10
VOLATILE ORGANIC COMPOUNDS - LOW LEVEL			Method: SW8260C			Analyst: MF	
1,2,4-Trimethylbenzene	U		0.0019	0.0054	mg/Kg-dry	0.98	11/3/2021 13:47
1,3,5-Trimethylbenzene	U		0.0017	0.0054	mg/Kg-dry	0.98	11/3/2021 13:47
Benzene	U		0.00056	0.0054	mg/Kg-dry	0.98	11/3/2021 13:47
Ethylbenzene	U		0.00093	0.0054	mg/Kg-dry	0.98	11/3/2021 13:47
m,p-Xylene	U		0.0024	0.0027	mg/Kg-dry	0.98	11/3/2021 13:47
o-Xylene	U		0.0013	0.0027	mg/Kg-dry	0.98	11/3/2021 13:47
Toluene	U		0.00092	0.0054	mg/Kg-dry	0.98	11/3/2021 13:47
Xylenes, Total	U		0.0024	0.0054	mg/Kg-dry	0.98	11/3/2021 13:47
Surr: 1,2-Dichloroethane-d4	104			83-132	%REC	0.98	11/3/2021 13:47
Surr: 4-Bromofluorobenzene	97.0			83-111	%REC	0.98	11/3/2021 13:47
Surr: Dibromofluoromethane	103			77-125	%REC	0.98	11/3/2021 13:47
Surr: Toluene-d8	108			86-108	%REC	0.98	11/3/2021 13:47
ELECTRICAL CONDUCTIVITY (SAR)			Method: USDA H60 METHOD 20B			Prep: USDA Method 20B / 11/9/21	
Electrical Conductivity @ Saturation	14		0.011	0.10	mmhos/cm @25°C	20	11/10/2021 18:54
MOISTURE			Method: SW3550C			Analyst: ALG	
Moisture	8.6		0.10	0.10	% of sample	1	11/2/2021 15:02
PH MEASURED IN SOIL PASTE			Method: USDA METHOD 20B			Prep: USDA Method 20B / 11/9/21	
pH @ Saturation	8.08		0.11	0.11	s.u.-dry	1	11/10/2021 10:39

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Entrada Consulting Group
Work Order: 21110146
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **186516** Instrument ID **GC8** Method: **SW8015D**

MBLK				Sample ID: DBLKS1-186516-186516		Units: mg/Kg		Analysis Date: 11/3/2021 03:14 AM		
Client ID:		Run ID: GC8_211101C		SeqNo: 7900110		Prep Date: 11/2/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
ERO (C10-C36)	U	20								
<i>Surr: 4-Terphenyl-d14</i>	2.192	0	3.33	0	65.8	33-111	0			

LCS				Sample ID: DLCSS1-186516-186516		Units: mg/Kg		Analysis Date: 11/3/2021 03:51 AM		
Client ID:		Run ID: GC8_211101C		SeqNo: 7900111		Prep Date: 11/2/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
ERO (C10-C36)	686.1	20	667	0	103	51-130	0			
<i>Surr: 4-Terphenyl-d14</i>	2.217	0	3.33	0	66.6	33-111	0			

MS				Sample ID: 21102392-15B MS		Units: mg/Kg		Analysis Date: 11/3/2021 04:28 AM		
Client ID:		Run ID: GC8_211101C		SeqNo: 7900112		Prep Date: 11/2/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
ERO (C10-C36)	619.5	19	644.9	36.24	90.4	51-130	0			
<i>Surr: 4-Terphenyl-d14</i>	1.874	0	3.22	0	58.2	33-111	0			

MSD				Sample ID: 21102392-15B MSD		Units: mg/Kg		Analysis Date: 11/3/2021 05:05 AM		
Client ID:		Run ID: GC8_211101C		SeqNo: 7900113		Prep Date: 11/2/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
ERO (C10-C36)	673.9	20	652.5	36.24	97.7	51-130	619.5	8.41	30	
<i>Surr: 4-Terphenyl-d14</i>	1.935	0	3.257	0	59.4	33-111	1.874	3.21	30	

The following samples were analyzed in this batch: 21110146-01A

Client: Entrada Consulting Group
Work Order: 21110146
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **186524** Instrument ID **GC9** Method: **SW8015D**

MBLK		Sample ID: MBLK-186524-186524				Units: µg/Kg-dry		Analysis Date: 11/3/2021 06:48 AM		
Client ID:		Run ID: GC9_211102C				SeqNo: 7899492		Prep Date: 11/2/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	U	5,000								
Surr: Toluene-d8	4720	0	5000	0	94.4	71-123	0			

LCS		Sample ID: LCS-186524-186524				Units: µg/Kg-dry		Analysis Date: 11/3/2021 06:04 AM		
Client ID:		Run ID: GC9_211102C				SeqNo: 7899491		Prep Date: 11/2/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	267200	5,000	250000	0	107	71-123	0			
Surr: Toluene-d8	5041	0	5000	0	101	71-123	0			

LCSD		Sample ID: LCSD-186524-186524				Units: µg/Kg-dry		Analysis Date: 11/3/2021 01:11 PM		
Client ID:		Run ID: GC9_211102C				SeqNo: 7899581		Prep Date: 11/2/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	220100	5,000	250000	0	88	71-123	267200	19.4	30	
Surr: Toluene-d8	4608	0	5000	0	92.2	71-123	5041	8.98	30	

MS		Sample ID: 21110146-01A MS				Units: µg/Kg-dry		Analysis Date: 11/3/2021 12:28 PM		
Client ID: FEE96 (5' BGS)		Run ID: GC9_211102C				SeqNo: 7899506		Prep Date: 11/2/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	215400	5,600	280800	2096	76	71-123	0			
Surr: Toluene-d8	5662	0	5617	0	101	71-123	0			

The following samples were analyzed in this batch: 21110146-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21110146
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **186784** Instrument ID **ICPMS3** Method: **SW6020B**

MBLK		Sample ID: MBLK-186784-186784				Units: mg/Kg		Analysis Date: 11/5/2021 05:30 PM		
Client ID:		Run ID: ICPMS3_211105B		SeqNo: 7912333		Prep Date: 11/5/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Boron (Hot Water Soluble)	0.02127	0.040								J

LCS		Sample ID: LCS-186784-186784				Units: mg/Kg		Analysis Date: 11/5/2021 05:31 PM		
Client ID:		Run ID: ICPMS3_211105B		SeqNo: 7912334		Prep Date: 11/5/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Boron (Hot Water Soluble)	0.8914	0.040	1	0	89.1	80-120	0			

The following samples were analyzed in this batch:

21110146-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21110146
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **186963** Instrument ID **ICPMS4** Method: **SW6020B**

DUP				Sample ID: 21110146-01ADUP				Units: mg/L		Analysis Date: 11/9/2021 04:57 PM	
Client ID: FEE96 (5' BGS)			Run ID: ICPMS4_211109A			SeqNo: 7920393		Prep Date: 11/9/2021		DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Calcium	542.6	5.0	0	0	0	0-0	518.2	4.59			
Magnesium	135	2.0	0	0	0	0-0	137	1.45			

DUP					Sample ID: 21110146-01ADUP		Units: mg/L		Analysis Date: 11/9/2021 05:27 PM		
Client ID: FEE96 (5' BGS)			Run ID: ICPMS4_211109A			SeqNo: 7920410		Prep Date: 11/9/2021		DF: 100	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Sodium	1941	20	0	0	0	0-0	1903	1.98			

The following samples were analyzed in this batch:

21110146-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21110146
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **187043** Instrument ID **ICPMS4** Method: **SW6020B**

MBLK Sample ID: MBLK-187043-187043				Units: mg/Kg		Analysis Date: 11/10/2021 11:18 PM				
Client ID:		Run ID: ICPMS4_211110B		SeqNo: 7924593		Prep Date: 11/10/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.25								
Barium	U	0.25								
Cadmium	U	0.10								
Copper	U	0.25								
Lead	U	0.25								
Nickel	U	0.25								
Selenium	U	0.25								
Silver	U	0.25								
Zinc	U	0.50								

LCS Sample ID: LCS-187043-187043				Units: mg/Kg		Analysis Date: 11/10/2021 11:19 PM				
Client ID:		Run ID: ICPMS4_211110B		SeqNo: 7924594		Prep Date: 11/10/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.634	0.25	5	0	92.7	80-120	0			
Barium	5.152	0.25	5	0	103	80-120	0			
Cadmium	4.99	0.10	5	0	99.8	80-120	0			
Copper	4.844	0.25	5	0	96.9	80-120	0			
Lead	4.936	0.25	5	0	98.7	80-120	0			
Nickel	4.707	0.25	5	0	94.1	80-120	0			
Selenium	4.761	0.25	5	0	95.2	80-120	0			
Silver	4.503	0.25	5	0	90.1	80-120	0			
Zinc	4.72	0.50	5	0	94.4	80-120	0			

MS Sample ID: 21110827-02AMS				Units: mg/Kg		Analysis Date: 11/10/2021 11:52 PM				
Client ID:		Run ID: ICPMS4_211110B		SeqNo: 7924610		Prep Date: 11/10/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	8.511	0.36	7.225	2.805	79	75-125	0			
Barium	35.4	0.36	7.225	28.3	98.3	75-125	0			
Cadmium	6.46	0.14	7.225	0.1585	87.2	75-125	0			
Copper	17.57	0.36	7.225	12.45	70.8	75-125	0			S
Lead	24.91	0.36	7.225	19.39	76.3	75-125	0			
Nickel	11.99	0.36	7.225	6.996	69.1	75-125	0			S
Selenium	6.851	0.36	7.225	0.4381	88.8	75-125	0			
Silver	5.792	0.36	7.225	0.01886	79.9	75-125	0			
Zinc	30.41	0.72	7.225	26.28	57.2	75-125	0			S

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21110146
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **187043** Instrument ID **ICPMS4** Method: **SW6020B**

MSD					Sample ID: 21110827-02AMSD		Units: mg/Kg		Analysis Date: 11/10/2021 11:54 PM		
Client ID:			Run ID: ICPMS4_211110B			SeqNo: 7924611		Prep Date: 11/10/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Arsenic	10.48	0.37	7.429	2.805	103	75-125	8.511	20.7	20	R	
Barium	40.24	0.37	7.429	28.3	161	75-125	35.4	12.8	20	S	
Cadmium	6.638	0.15	7.429	0.1585	87.2	75-125	6.46	2.71	20		
Copper	19.48	0.37	7.429	12.45	94.7	75-125	17.57	10.3	20		
Lead	30.51	0.37	7.429	19.39	150	75-125	24.91	20.2	20	SR	
Nickel	13.89	0.37	7.429	6.996	92.8	75-125	11.99	14.7	20		
Selenium	7.281	0.37	7.429	0.4381	92.1	75-125	6.851	6.08	20		
Silver	5.894	0.37	7.429	0.01886	79.1	75-125	5.792	1.75	20		
Zinc	40.02	0.74	7.429	26.28	185	75-125	30.41	27.3	20	SR	

The following samples were analyzed in this batch:

21110146-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21110146
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **186963** Instrument ID **SAR** Method: **USDA H60 Metho**

DUP		Sample ID: 21110146-01ADUP				Units: none		Analysis Date: 11/9/2021		
Client ID: FEE96 (5' BGS)			Run ID: SAR_211109A			SeqNo: 7922067		Prep Date: 11/9/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium Adsorption Ratio	19.32	0.010	0	0	0		0			

The following samples were analyzed in this batch:

21110146-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
 Work Order: 21110146
 Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **186609** Instrument ID **SVMS6** Method: **SW8270E**

MBLK				Sample ID: SBLKS1-186609-186609				Units: µg/Kg		Analysis Date: 11/4/2021 04:21 PM		
Client ID:			Run ID: SVMS6_211104A			SeqNo: 7906406		Prep Date: 11/3/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
1-Methylnaphthalene	U	4.2										
2-Methylnaphthalene	U	4.2										
Acenaphthene	U	4.2										
Anthracene	U	4.2										
Benzo(a)anthracene	U	4.2										
Benzo(a)pyrene	U	4.2										
Benzo(b)fluoranthene	U	4.2										
Benzo(k)fluoranthene	U	4.2										
Chrysene	U	4.2										
Dibenzo(a,h)anthracene	U	4.2										
Fluoranthene	U	4.2										
Fluorene	U	4.2										
Indeno(1,2,3-cd)pyrene	U	4.2										
Naphthalene	U	4.2										
Pyrene	U	4.2										
Surr: 2-Fluorobiphenyl	613.3	0	666.6	0	92	20-140		0				
Surr: 4-Terphenyl-d14	582.9	0	666.6	0	87.4	22-172		0				
Surr: Nitrobenzene-d5	599.5	0	666.6	0	89.9	28-140		0				

LCS				Sample ID: SLCSS1-186609-186609		Units: µg/Kg		Analysis Date: 11/4/2021 04:52 PM		
Client ID:		Run ID: SVMS6_211104A			SeqNo: 7906408		Prep Date: 11/3/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	528.3	4.2	666.6	0	79.2	40-140	0			
2-Methylnaphthalene	533	4.2	666.6	0	80	40-140	0			
Acenaphthene	534.7	4.2	666.6	0	80.2	40-140	0			
Anthracene	581.6	4.2	666.6	0	87.2	40-140	0			
Benzo(a)anthracene	581.5	4.2	666.6	0	87.2	40-140	0			
Benzo(a)pyrene	626.9	4.2	666.6	0	94	40-140	0			
Benzo(b)fluoranthene	517.7	4.2	666.6	0	77.7	40-140	0			
Benzo(k)fluoranthene	664.6	4.2	666.6	0	99.7	40-140	0			
Chrysene	586.5	4.2	666.6	0	88	40-140	0			
Dibenzo(a,h)anthracene	565.2	4.2	666.6	0	84.8	40-140	0			
Fluoranthene	531.8	4.2	666.6	0	79.8	40-140	0			
Fluorene	521.8	4.2	666.6	0	78.3	40-140	0			
Indeno(1,2,3-cd)pyrene	569.2	4.2	666.6	0	85.4	40-140	0			
Naphthalene	576.4	4.2	666.6	0	86.5	40-140	0			
Pyrene	555.9	4.2	666.6	0	83.4	40-140	0			
<i>Surr: 2-Fluorobiphenyl</i>	<i>606</i>	<i>0</i>	<i>666.6</i>	<i>0</i>	<i>90.9</i>	<i>20-140</i>	<i>0</i>			
<i>Surr: 4-Terphenyl-d14</i>	<i>584.9</i>	<i>0</i>	<i>666.6</i>	<i>0</i>	<i>87.7</i>	<i>22-172</i>	<i>0</i>			
<i>Surr: Nitrobenzene-d5</i>	<i>548.8</i>	<i>0</i>	<i>666.6</i>	<i>0</i>	<i>82.3</i>	<i>28-140</i>	<i>0</i>			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
 Work Order: 21110146
 Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **186609** Instrument ID **SVMS6** Method: **SW8270E**

MS				Sample ID: 21110047-06B MS		Units: µg/Kg		Analysis Date: 11/4/2021 05:07 PM		
Client ID:		Run ID: SVMS6_211104A			SeqNo: 7906409		Prep Date: 11/3/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	438.8	4.0	642.9	0	68.3	40-140	0			
2-Methylnaphthalene	458.3	4.0	642.9	0	71.3	40-140	0			
Acenaphthene	430.9	4.0	642.9	0	67	40-140	0			
Anthracene	444.4	4.0	642.9	0	69.1	40-140	0			
Benzo(a)anthracene	420.6	4.0	642.9	0	65.4	40-140	0			
Benzo(a)pyrene	440	4.0	642.9	0	68.4	40-140	0			
Benzo(b)fluoranthene	363.8	4.0	642.9	0	56.6	40-140	0			
Benzo(k)fluoranthene	479.1	4.0	642.9	0	74.5	40-140	0			
Chrysene	431.6	4.0	642.9	0	67.1	40-140	0			
Dibenzo(a,h)anthracene	379.4	4.0	642.9	0	59	40-140	0			
Fluoranthene	394.2	4.0	642.9	0	61.3	40-140	0			
Fluorene	422	4.0	642.9	0	65.6	40-140	0			
Indeno(1,2,3-cd)pyrene	372.6	4.0	642.9	0	58	40-140	0			
Naphthalene	513.8	4.0	642.9	0	79.9	40-140	0			
Pyrene	416.4	4.0	642.9	0	64.8	40-140	0			
Surr: 2-Fluorobiphenyl	505.3	0	642.9	0	78.6	20-140	0			
Surr: 4-Terphenyl-d14	427.7	0	642.9	0	66.5	22-172	0			
Surr: Nitrobenzene-d5	516.1	0	642.9	0	80.3	28-140	0			

MSD					Sample ID: 21110047-06B MSD		Units: µg/Kg		Analysis Date: 11/4/2021 05:23 PM		
Client ID:			Run ID: SVMS6_211104A			SeqNo: 7906410		Prep Date: 11/3/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1-Methylnaphthalene	457.2	4.0	641.2	0	71.3	40-140	438.8	4.1	30		
2-Methylnaphthalene	460.2	4.0	641.2	0	71.8	40-140	458.3	0.417	30		
Acenaphthene	452.5	4.0	641.2	0	70.6	40-140	430.9	4.89	30		
Anthracene	483.5	4.0	641.2	0	75.4	40-140	444.4	8.41	30		
Benzo(a)anthracene	466.2	4.0	641.2	0	72.7	40-140	420.6	10.3	30		
Benzo(a)pyrene	487.9	4.0	641.2	0	76.1	40-140	440	10.3	30		
Benzo(b)fluoranthene	410.4	4.0	641.2	0	64	40-140	363.8	12.1	30		
Benzo(k)fluoranthene	520.4	4.0	641.2	0	81.2	40-140	479.1	8.28	30		
Chrysene	468.9	4.0	641.2	0	73.1	40-140	431.6	8.28	30		
Dibenzo(a,h)anthracene	429.8	4.0	641.2	0	67	40-140	379.4	12.5	30		
Fluoranthene	435.7	4.0	641.2	0	67.9	40-140	394.2	9.99	30		
Fluorene	443.6	4.0	641.2	0	69.2	40-140	422	4.99	30		
Indeno(1,2,3-cd)pyrene	424.5	4.0	641.2	0	66.2	40-140	372.6	13	30		
Naphthalene	519.6	4.0	641.2	0	81	40-140	513.8	1.13	30		
Pyrene	454.8	4.0	641.2	0	70.9	40-140	416.4	8.82	30		
Surr: 2-Fluorobiphenyl	527	0	641.2	0	82.2	20-140	505.3	4.21	30		
Surr: 4-Terphenyl-d14	475.6	0	641.2	0	74.2	22-172	427.7	10.6	30		
Surr: Nitrobenzene-d5	508.6	0	641.2	0	79.3	28-140	516.1	1.46	30		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21110146
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **186609** Instrument ID **SVMS6** Method: **SW8270E**

The following samples were analyzed in this batch:

21110146-01A

Client: Entrada Consulting Group
 Work Order: 21110146
 Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **R330456** Instrument ID **VMS8** Method: **SW8260C**

MBLK				Sample ID: 8V-BLKW1-211103-R330456			Units: µg/Kg		Analysis Date: 11/3/2021 12:39 PM	
Client ID:		Run ID: VMS8_211103A			SeqNo: 7900055		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	U	5.0								
1,3,5-Trimethylbenzene	U	5.0								
Benzene	U	5.0								
Ethylbenzene	U	5.0								
m,p-Xylene	U	2.5								
o-Xylene	U	2.5								
Toluene	U	5.0								
Xylenes, Total	U	5.0								
Surr: 1,2-Dichloroethane-d4	19.69	0	20	0	98.4	83-132	0			
Surr: 4-Bromofluorobenzene	19.5	0	20	0	97.5	83-111	0			
Surr: Dibromofluoromethane	19.52	0	20	0	97.6	77-125	0			
Surr: Toluene-d8	20.11	0	20	0	101	86-108	0			

LCS				Sample ID: 8V-LCSS1-211103-R330456			Units: µg/Kg		Analysis Date: 11/3/2021 11:50 AM	
Client ID:		Run ID: VMS8_211103A			SeqNo: 7900054		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	20.53	5.0	20	0	103	71-133	0			
1,3,5-Trimethylbenzene	20.99	5.0	20	0	105	71-139	0			
Benzene	19.38	5.0	20	0	96.9	77-133	0			
Ethylbenzene	19.69	5.0	20	0	98.4	75-133	0			
m,p-Xylene	40.44	2.5	40	0	101	75-134	0			
o-Xylene	21	2.5	20	0	105	76-130	0			
Toluene	18.71	5.0	20	0	93.6	76-130	0			
Xylenes, Total	61.44	5.0	60	0	102	75-132	0			
Surr: 1,2-Dichloroethane-d4	20.12	0	20	0	101	83-132	0			
Surr: 4-Bromofluorobenzene	19.63	0	20	0	98.2	83-111	0			
Surr: Dibromofluoromethane	19.87	0	20	0	99.4	77-125	0			
Surr: Toluene-d8	20.17	0	20	0	101	86-108	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
 Work Order: 21110146
 Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **R330456** Instrument ID **VMS8** Method: **SW8260C**

MS					Sample ID: 21102467-01A MS		Units: µg/Kg		Analysis Date: 11/3/2021 03:31 PM		
Client ID:			Run ID: VMS8_211103A			SeqNo: 7902090		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,2,4-Trimethylbenzene	14.99	5.0	20	0	75	71-133	0				
1,3,5-Trimethylbenzene	15.33	5.0	20	0	76.6	71-139	0				
Benzene	14.9	5.0	20	0.7152	70.9	77-133	0			S	
Ethylbenzene	14.26	5.0	20	0	71.3	75-133	0			S	
m,p-Xylene	29.15	2.5	40	1.019	70.3	75-134	0			S	
o-Xylene	15.46	2.5	20	0.4112	75.2	76-130	0			S	
Toluene	13.57	5.0	20	0.7688	64	76-130	0			S	
Xylenes, Total	44.61	5.0	60	0	74.4	75-132	0			S	
Surr: 1,2-Dichloroethane-d4	20.77	0	20	0	104	83-132	0				
Surr: 4-Bromofluorobenzene	20.75	0	20	0	104	83-111	0				
Surr: Dibromofluoromethane	21.26	0	20	0	106	77-125	0				
Surr: Toluene-d8	20.09	0	20	0	100	86-108	0				

MSD				Sample ID: 21102467-01A MSD			Units: µg/Kg		Analysis Date: 11/3/2021 02:36 PM		
Client ID:		Run ID: VMS8_211103A			SeqNo: 7902088		Prep Date:		DF: 0.99		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,2,4-Trimethylbenzene	16.11	5.0	19.8	0	81.4	71-133	14.99	7.19	30		
1,3,5-Trimethylbenzene	16.61	5.0	19.8	0	83.9	71-139	15.33	8.03	30		
Benzene	16.07	5.0	19.8	0.7152	77.5	77-133	14.9	7.54	30		
Ethylbenzene	15.34	5.0	19.8	0	77.4	75-133	14.26	7.27	30		
m,p-Xylene	31.38	2.5	39.6	1.019	76.7	75-134	29.15	7.38	30		
o-Xylene	16.6	2.5	19.8	0.4112	81.8	76-130	15.46	7.13	30		
Toluene	14.53	5.0	19.8	0.7688	69.5	76-130	13.57	6.85	30	S	
Xylenes, Total	47.99	5.0	59.4	0	80.8	75-132	44.61	7.29	30		
Surr: 1,2-Dichloroethane-d4	20.34	0	19.8	0	103	83-132	20.77	2.07	30		
Surr: 4-Bromofluorobenzene	20.09	0	19.8	0	101	83-111	20.75	3.25	30		
Surr: Dibromofluoromethane	21.16	0	19.8	0	107	77-125	21.26	0.489	30		
Surr: Toluene-d8	20	0	19.8	0	101	86-108	20.09	0.459	30		

The following samples were analyzed in this batch:

21110146-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 21110146
Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **186963** Instrument ID **WETCHEM** Method: **USDA H60 Metho**

DUP		Sample ID: 21110146-01A DUP				Units: mmhos/cm @25°		Analysis Date: 11/10/2021 06:54 PM		
Client ID: FEE96 (5' BGS)		Run ID: WETCHEM_211110K		SeqNo: 7923873		Prep Date: 11/9/2021		DF: 20		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturation	13.56	0.10	0	0	0		13.56	0	50	

The following samples were analyzed in this batch:

21110146-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
 Work Order: 21110146
 Project: Fee 96 Spill

QC BATCH REPORT

Batch ID: **R330441** Instrument ID **MOIST** Method: **SW3550C**

MBLK		Sample ID: WBLKS-R330441				Units: % of sample		Analysis Date: 11/2/2021 03:02 PM		
Client ID:		Run ID: MOIST_211102B				SeqNo: 7898256		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	U	0.10								

LCS		Sample ID: LCS-R330441				Units: % of sample		Analysis Date: 11/2/2021 03:02 PM		
Client ID:		Run ID: MOIST_211102B				SeqNo: 7898255		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	100	0.10	100	0	100	98-102	0			

DUP		Sample ID: 21102261-25B DUP				Units: % of sample		Analysis Date: 11/2/2021 03:02 PM		
Client ID:		Run ID: MOIST_211102B				SeqNo: 7898243		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	23.35	0.10	0	0	0	0-0	23.67	1.36	10	

DUP		Sample ID: 21110121-01A DUP				Units: % of sample		Analysis Date: 11/2/2021 03:02 PM		
Client ID:		Run ID: MOIST_211102B				SeqNo: 7898252		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	15.16	0.10	0	0	0	0-0	14.85	2.07	10	

The following samples were analyzed in this batch:

21110146-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Note: Any changes to the samples and CC

Sample Receipt Checklist

Client Name: **ENTRADA**

Date/Time Received: **01-Nov-21 10:00**

Work Order: **21110146**

Received by: **KRW**

Checklist completed by **Keith Wierenga**

02-Nov-21

Reviewed by: **Chad Whelton**

19-Nov-21

eSignature

Date

eSignature

Date

Matrices: **Soil**

Carrier name: **FedEx**

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container/cooler? Yes ☒ No ☐ Not Present ☐

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☐ No ☒

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Container/Temp Blank temperature in compliance? Yes ☒ No ☐

Sample(s) received on ice? Yes ☐ No ☒

Temperature(s)/Thermometer(s): **8.4/9.4 C** **IR3**

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage: **11/2/2021 9:44:53 AM**

Water - VOA vials have zero headspace? Yes ☐ No ☐ No VOA vials submitted ☒

Water - pH acceptable upon receipt? Yes ☐ No ☐ N/A ☒

pH adjusted? Yes ☐ No ☐ N/A ☒

pH adjusted by:

Login Notes: **Broken sample jar transferred to another jar. Melted Ice.**

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction: