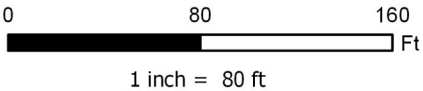




Legend

● Origin ● Soil Sample Location — Spill Path ▨ Spill Area



Project No: 018-065

Map By: NDB

Date: 2-4-2018

Fee 108X Spill
Chevron USA, Inc.
Rio Blanco County, Colorado
East Line SE/4 Sec 19 T2S R102W
West Line SW/4 Sec 20 T2S R102W



330 Grand Avenue, Unit C
Grand Junction, CO 81501
970-549-1015

Figure

1

Table 1
Fee 108X Spill
Soil Data Summary

SAMPLE SUMMARY	
Location Description	Fee 108X
Sample Type	Soil

LABORATORY DATA SUMMARY					
Sample ID	FEE108X-SS1	FEE108X-SS2	FEE108X-BG1	COGCC TABLE 910-1 CONCENTRATION LEVELS	UNITS
Depth	0-6"	0-6"	0-6"		
Sample Date	11/1/2018	11/1/2018	11/1/2018		
Analytical Parameters					
TPH					
TPH Gasoline Range Organics	<2.1	<2.1	NT	500	mg/kg
TPH Diesel Range Organics	<3.2	<3.0	NT		
BTEX					
Benzene	<0.0064	<0.0062	NT	0.17	mg/kg
Toluene	<0.010	<0.0099	NT	85	mg/kg
Ethylbenzene	0.0094 J	<0.0076	NT	100	mg/kg
Total Xylene	<0.032	<0.031	NT	175	mg/kg
Metals					
Arsenic	5.7	4.9	8.0	0.39	mg/kg
Barium	200	210	380	15,000	mg/kg
Cadmium	0.28 J	0.30 J	0.21 J	70	mg/kg
Chromium	9.3	10	9.4	NA	mg/kg
Copper	17	17	14	3,100	mg/kg
Lead	15	32	13	400	mg/kg
Mercury	0.039	0.058	0.025	23	mg/kg
Nickel	13	14	12	1,600	mg/kg
Selenium	0.69 J	0.62 J	0.73 J	390	mg/kg
Silver	<0.054	<0.052	<0.056	390	mg/kg
Zinc	72	75	63	23,000	mg/kg
SAR Metals Analysis					
Calcium	280	130	92	NA	mg/L
Magnesium	14	16	12	NA	mg/L
Sodium	180	29	7.0	NA	mg/L
Sodium Adsorption Ratio	2.9	0.65	0.18	<12	ratio
Polynuclear Aromatic Hydrocarbons					
Acenaphthene	<0.0054	<0.0051	NT	1,000	mg/kg
Anthracene	<0.0052	<0.0050	NT	1,000	mg/kg
Benzo(a)anthracene	<0.0064	<0.0061	NT	0.22	mg/kg
Benzo(a)pyrene	<0.0046	<0.0044	NT	0.022	mg/kg
Benzo(b)fluoranthene	<0.0055	<0.0053	NT	0.22	mg/kg
Benzo(k)fluoranthene	<0.0056	<0.0054	NT	2.2	mg/kg
Chrysene	<0.0060	<0.0057	NT	22	mg/kg
Dibenzo(a,h)anthracene	<0.0040	<0.0038	NT	0.022	mg/kg
Fluoranthene	<0.0036	<0.0034	NT	1,000	mg/kg
Fluorene	<0.0054	<0.0052	NT	1,000	mg/kg
Indeno(1,2,3-cd)pyrene	<0.0052	<0.0049	NT	0.22	mg/kg
Napthalene	<0.0047	<0.0045	NT	23	mg/kg
Pyrene	<0.0013	<0.0013	NT	1,000	mg/kg
General Chemistry					
Chromium, Hexavalent	<0.35	<0.35	<0.35	23	mg/kg
Chromium, Trivalent	9.3	10	9.4	120,000	mg/kg
Specific Conductivity	2.4	0.77	0.60	<4 or 2 x the background	mmhos/cm
pH	7.99	8.40	8.70	6-9	su

mg/kg - milligrams per kilogram
mg/L - milligrams per liter
J - indicates an estimated value
mmhos/cm - millimhos per centimeter
mv - millivolts
su - standard units
NA - not applicable
NT - parameter was not tested

Over COGCC Table 910-1 concentration levels but under BACKGROUND level.

Over COGCC Table 910-1 concentration levels and not within BACKGROUND level.

Over COGCC Table 910-1 concentration levels



26-Nov-2018

Tim Dobransky
Entrada Consulting Group
240 Mesa Ave.
Grand Junction, CO 81501

Re: **FEE 108X Spill**

Work Order: **1811337**

Dear Tim,

ALS Environmental received 3 samples on 06-Nov-2018 09:30 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 29.

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 998501

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 108X Spill
Work Order: 1811337

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>
1811337-01	FEE108X-SS1	Soil		11/1/2018 10:20	11/6/2018 09:30	<input type="checkbox"/>
1811337-02	FEE108X-SS2	Soil		11/1/2018 10:30	11/6/2018 09:30	<input type="checkbox"/>
1811337-03	FEE108X-BG1	Soil		11/1/2018 10:35	11/6/2018 09:30	<input type="checkbox"/>

Client: Entrada Consulting Group
Project: FEE 108X Spill
Work Order: 1811337

Case Narrative

Batch 127812, Method ICP_6010_S, Sample 1811337-02A MS: The matrix spike recovery was outside of the control limit for Chromium. However, the matrix spike duplicate recovery and the RPD between the MS and MSD were in control. No qualification is required.

Batch 127812, Method ICP_6010_S, Sample 1811337-02A MS/MSD: The MS/MSD recovery was below the lower control limit for Lead. The corresponding result in the parent sample may be biased low.

Batch 127812, Method ICP_6010_S, Sample 1811337-02A MS/MSD: The MS/MSD recovery was outside of the control limit for Barium; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required.

<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	Milligrams per Kilogram
mg/Kg-dry	Milligrams per Kilogram Dry Weight
mg/L	Milligrams per Liter
mmhos/cm @25°C	Millimhos-Centimeter at 25 Degrees Celcius
none	
s.u.	Standard Units

ALS Group, USA

Date: 26-Nov-18

Client: Entrada Consulting Group
Project: FEE 108X Spill
Sample ID: FEE108X-SS1
Collection Date: 11/1/2018 10:20 AM

Work Order: 1811337
Lab ID: 1811337-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015M		Prep: SW3546 / 11/12/18		Analyst: RP
DRO (C10-C28)	U		3.2	5.6	mg/Kg-dry	1	11/13/2018 21:43
Surr: 4-Terphenyl-d14	85.0			33-111	%REC	1	11/13/2018 21:43
GASOLINE RANGE ORGANICS BY GC-FID							
			Method: SW8015D		Prep: SW5035 / 11/7/18		Analyst: RP
GRO (C6-C10)	U		2.1	5.0	mg/Kg	1	11/13/2018 22:31
Surr: Toluene-d8	83.4			71-123	%REC	1	11/13/2018 22:31
MERCURY BY CVAA							
			Method: SW7471B		Prep: SW7471 / 11/7/18		Analyst: RSB
Mercury	0.039		0.0018	0.018	mg/Kg-dry	1	11/9/2018 16:50
METALS ANALYSIS BY ICP							
			Method: SW846 6010C		Prep: SW3050B / 11/12/18		Analyst: ABL
Arsenic	5.7		0.11	0.42	mg/Kg-dry	1	11/12/2018 22:26
Barium	200		0.17	0.42	mg/Kg-dry	1	11/12/2018 22:26
Cadmium	0.28	J	0.040	0.83	mg/Kg-dry	1	11/12/2018 22:26
Chromium	9.3		0.023	0.42	mg/Kg-dry	1	11/12/2018 22:26
Copper	17		0.18	0.83	mg/Kg-dry	1	11/12/2018 22:26
Lead	15		0.088	0.42	mg/Kg-dry	1	11/12/2018 22:26
Nickel	13		0.17	0.42	mg/Kg-dry	1	11/12/2018 22:26
Selenium	0.69	J	0.23	0.83	mg/Kg-dry	1	11/12/2018 22:26
Silver	U		0.054	0.43	mg/Kg-dry	1	11/14/2018 23:39
Zinc	72		0.067	0.83	mg/Kg-dry	1	11/12/2018 22:26
SOLUBLE CATIONS FOR SAR							
			Method: SW6020A		Prep: USDA Method 20B / 11/12/18		Analyst: STP
Calcium	280		0.86	5.0	mg/L	10	11/12/2018 17:18
Magnesium	14		0.068	2.0	mg/L	10	11/12/2018 17:18
Sodium	180		0.34	2.0	mg/L	10	11/12/2018 17:18
SODIUM ADSORPTION RATIO							
			Method: USDA H60 METHOD 2		Prep: USDA Method 20B / 11/12/18		Analyst: STP
Sodium Adsorption Ratio	2.9		0.010	0.010	none	1	11/12/2018
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 11/12/18		Analyst: KAW
Acenaphthene	U		0.0054	0.0074	mg/Kg-dry	1	11/14/2018 01:23
Anthracene	U		0.0052	0.0074	mg/Kg-dry	1	11/14/2018 01:23
Benzo(a)anthracene	U		0.0064	0.0074	mg/Kg-dry	1	11/14/2018 01:23
Benzo(a)pyrene	U		0.0046	0.0074	mg/Kg-dry	1	11/14/2018 01:23
Benzo(b)fluoranthene	U		0.0055	0.0074	mg/Kg-dry	1	11/14/2018 01:23
Benzo(k)fluoranthene	U		0.0056	0.0074	mg/Kg-dry	1	11/14/2018 01:23
Chrysene	U		0.0060	0.0074	mg/Kg-dry	1	11/14/2018 01:23
Dibenzo(a,h)anthracene	U		0.0040	0.0074	mg/Kg-dry	1	11/14/2018 01:23
Fluoranthene	U		0.0036	0.0074	mg/Kg-dry	1	11/14/2018 01:23

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

ALS Group, USA

Date: 26-Nov-18

Client: Entrada Consulting Group
Project: FEE 108X Spill
Sample ID: FEE108X-SS1
Collection Date: 11/1/2018 10:20 AM

Work Order: 1811337
Lab ID: 1811337-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	U		0.0054	0.0074	mg/Kg-dry	1	11/14/2018 01:23
Indeno(1,2,3-cd)pyrene	U		0.0052	0.0074	mg/Kg-dry	1	11/14/2018 01:23
Naphthalene	U		0.0047	0.0074	mg/Kg-dry	1	11/14/2018 01:23
Pyrene	U		0.0013	0.0074	mg/Kg-dry	1	11/14/2018 01:23
Surr: 2-Fluorobiphenyl	75.0			44-107	%REC	1	11/14/2018 01:23
Surr: 4-Terphenyl-d14	76.4			52-123	%REC	1	11/14/2018 01:23
Surr: Nitrobenzene-d5	57.3			41-94	%REC	1	11/14/2018 01:23
VOLATILE ORGANIC COMPOUNDS			Method: SW8260C		Prep: SW5035 / 11/7/18		Analyst: LSY
Benzene	U		0.0064	0.037	mg/Kg	1	11/13/2018 12:50
Ethylbenzene	0.0094	J	0.0079	0.037	mg/Kg	1	11/13/2018 12:50
m,p-Xylene	0.019	J	0.018	0.075	mg/Kg	1	11/13/2018 12:50
o-Xylene	U		0.014	0.037	mg/Kg	1	11/13/2018 12:50
Toluene	U		0.010	0.037	mg/Kg	1	11/13/2018 12:50
Xylenes, Total	U		0.032	0.11	mg/Kg	1	11/13/2018 12:50
Surr: 1,2-Dichloroethane-d4	102			70-130	%REC	1	11/13/2018 12:50
Surr: 4-Bromofluorobenzene	96.0			70-130	%REC	1	11/13/2018 12:50
Surr: Dibromofluoromethane	86.8			70-130	%REC	1	11/13/2018 12:50
Surr: Toluene-d8	96.6			70-130	%REC	1	11/13/2018 12:50
ELECTRICAL CONDUCTIVITY (SAR)			Method: USDA H60 METHOD 2		Prep: USDA Method 20B / 11/12/18		Analyst: JB
Electrical Conductivity @ Saturation	2.4		0.011	0.10	mmhos/cm @25°	20	11/14/2018 20:00
CHROMIUM, TRIVALENT			Method: CALCULATION				Analyst: MB
Chromium, Trivalent	9.3		0.35	1.1	mg/Kg-dry	1	11/21/2018 12:30
CHROMIUM, HEXAVALENT			Method: SW7196A		Prep: SW3060A / 11/20/18		Analyst: JEB
Chromium, Hexavalent	U		0.35	1.1	mg/Kg-dry	1	11/20/2018 11:00
MOISTURE			Method: SW3550C				Analyst: RBS
Moisture	11		0.025	0.050	% of sample	1	11/15/2018 17:24
PH			Method: SW9045D		Prep: EXTRACT / 11/7/18		Analyst: RZM
pH	7.99		0.10	0.100	s.u.	1	11/7/2018 14:05

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

ALS Group, USA

Date: 26-Nov-18

Client: Entrada Consulting Group
Project: FEE 108X Spill
Sample ID: FEE108X-SS2
Collection Date: 11/1/2018 10:30 AM

Work Order: 1811337
Lab ID: 1811337-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015M		Prep: SW3546 / 11/12/18		Analyst: RP
DRO (C10-C28)	U		3.0	5.3	mg/Kg-dry	1	11/13/2018 22:12
Surr: 4-Terphenyl-d14	83.7			33-111	%REC	1	11/13/2018 22:12
GASOLINE RANGE ORGANICS BY GC-FID							
			Method: SW8015D		Prep: SW5035 / 11/7/18		Analyst: RP
GRO (C6-C10)	U		2.1	5.0	mg/Kg	1	11/13/2018 23:00
Surr: Toluene-d8	83.0			71-123	%REC	1	11/13/2018 23:00
MERCURY BY CVAA							
			Method: SW7471B		Prep: SW7471 / 11/7/18		Analyst: RSB
Mercury	0.058		0.0018	0.018	mg/Kg-dry	1	11/9/2018 16:52
METALS ANALYSIS BY ICP							
			Method: SW846 6010C		Prep: SW3050B / 11/12/18		Analyst: ABL
Arsenic	4.9		0.12	0.45	mg/Kg-dry	1	11/12/2018 22:32
Barium	210		0.18	0.45	mg/Kg-dry	1	11/12/2018 22:32
Cadmium	0.30	J	0.043	0.89	mg/Kg-dry	1	11/12/2018 22:32
Chromium	10		0.025	0.45	mg/Kg-dry	1	11/12/2018 22:32
Copper	17		0.20	0.89	mg/Kg-dry	1	11/12/2018 22:32
Lead	32		0.095	0.45	mg/Kg-dry	1	11/12/2018 22:32
Nickel	14		0.18	0.45	mg/Kg-dry	1	11/12/2018 22:32
Selenium	0.62	J	0.25	0.89	mg/Kg-dry	1	11/12/2018 22:32
Silver	U		0.052	0.42	mg/Kg-dry	1	11/14/2018 23:45
Zinc	75		0.071	0.89	mg/Kg-dry	1	11/12/2018 22:32
SOLUBLE CATIONS FOR SAR							
			Method: SW6020A		Prep: USDA Method 20B / 11/12/18		Analyst: STP
Calcium	130		0.86	5.0	mg/L	10	11/12/2018 17:20
Magnesium	16		0.068	2.0	mg/L	10	11/12/2018 17:20
Sodium	29		0.34	2.0	mg/L	10	11/12/2018 17:20
SODIUM ADSORPTION RATIO							
			Method: USDA H60 METHOD 2		Prep: USDA Method 20B / 11/12/18		Analyst: STP
Sodium Adsorption Ratio	0.65		0.010	0.010	none	1	11/12/2018
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 11/12/18		Analyst: KAW
Acenaphthene	U		0.0051	0.0071	mg/Kg-dry	1	11/14/2018 01:47
Anthracene	U		0.0050	0.0071	mg/Kg-dry	1	11/14/2018 01:47
Benzo(a)anthracene	U		0.0061	0.0071	mg/Kg-dry	1	11/14/2018 01:47
Benzo(a)pyrene	U		0.0044	0.0071	mg/Kg-dry	1	11/14/2018 01:47
Benzo(b)fluoranthene	U		0.0053	0.0071	mg/Kg-dry	1	11/14/2018 01:47
Benzo(k)fluoranthene	U		0.0054	0.0071	mg/Kg-dry	1	11/14/2018 01:47
Chrysene	U		0.0057	0.0071	mg/Kg-dry	1	11/14/2018 01:47
Dibenzo(a,h)anthracene	U		0.0038	0.0071	mg/Kg-dry	1	11/14/2018 01:47
Fluoranthene	U		0.0034	0.0071	mg/Kg-dry	1	11/14/2018 01:47

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

ALS Group, USA

Date: 26-Nov-18

Client: Entrada Consulting Group
Project: FEE 108X Spill
Sample ID: FEE108X-SS2
Collection Date: 11/1/2018 10:30 AM

Work Order: 1811337
Lab ID: 1811337-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	U		0.0052	0.0071	mg/Kg-dry	1	11/14/2018 01:47
Indeno(1,2,3-cd)pyrene	U		0.0049	0.0071	mg/Kg-dry	1	11/14/2018 01:47
Naphthalene	U		0.0045	0.0071	mg/Kg-dry	1	11/14/2018 01:47
Pyrene	U		0.0013	0.0071	mg/Kg-dry	1	11/14/2018 01:47
Surr: 2-Fluorobiphenyl	74.9			44-107	%REC	1	11/14/2018 01:47
Surr: 4-Terphenyl-d14	83.5			52-123	%REC	1	11/14/2018 01:47
Surr: Nitrobenzene-d5	61.0			41-94	%REC	1	11/14/2018 01:47
VOLATILE ORGANIC COMPOUNDS			Method: SW8260C		Prep: SW5035 / 11/7/18		Analyst: LSY
Benzene	U		0.0062	0.036	mg/Kg	1	11/13/2018 01:06
Ethylbenzene	U		0.0076	0.036	mg/Kg	1	11/13/2018 01:06
m,p-Xylene	0.020	J	0.017	0.072	mg/Kg	1	11/13/2018 01:06
o-Xylene	U		0.014	0.036	mg/Kg	1	11/13/2018 01:06
Toluene	U		0.0099	0.036	mg/Kg	1	11/13/2018 01:06
Xylenes, Total	U		0.031	0.11	mg/Kg	1	11/13/2018 01:06
Surr: 1,2-Dichloroethane-d4	100			70-130	%REC	1	11/13/2018 01:06
Surr: 4-Bromofluorobenzene	94.4			70-130	%REC	1	11/13/2018 01:06
Surr: Dibromofluoromethane	85.0			70-130	%REC	1	11/13/2018 01:06
Surr: Toluene-d8	97.5			70-130	%REC	1	11/13/2018 01:06
ELECTRICAL CONDUCTIVITY (SAR)			Method: USDA H60 METHOD 2		Prep: USDA Method 20B / 11/12/18		Analyst: JB
Electrical Conductivity @ Saturation	0.77		0.011	0.10	mmhos/cm @25°	20	11/14/2018 20:00
CHROMIUM, TRIVALENT			Method: CALCULATION				Analyst: MB
Chromium, Trivalent	10		0.34	1.1	mg/Kg-dry	1	11/21/2018 12:30
CHROMIUM, HEXAVALENT			Method: SW7196A		Prep: SW3060A / 11/20/18		Analyst: JEB
Chromium, Hexavalent	U		0.35	1.1	mg/Kg-dry	1	11/20/2018 11:00
MOISTURE			Method: SW3550C				Analyst: RBS
Moisture	9.3		0.025	0.050	% of sample	1	11/15/2018 17:24
PH			Method: SW9045D		Prep: EXTRACT / 11/7/18		Analyst: RZM
pH	8.40		0.10	0.100	s.u.	1	11/7/2018 14:05

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

ALS Group, USA

Date: 26-Nov-18

Client: Entrada Consulting Group
Project: FEE 108X Spill
Sample ID: FEE108X-BG1
Collection Date: 11/1/2018 10:35 AM

Work Order: 1811337
Lab ID: 1811337-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA							
Mercury	0.025		0.0021	0.021	mg/Kg-dry	1	11/9/2018 16:55
METALS ANALYSIS BY ICP							
Arsenic	8.0		0.12	0.46	mg/Kg-dry	1	11/14/2018 15:42
Barium	380		0.18	0.46	mg/Kg-dry	1	11/14/2018 15:42
Cadmium	0.21	J	0.044	0.91	mg/Kg-dry	1	11/14/2018 15:42
Chromium	9.4		0.026	0.46	mg/Kg-dry	1	11/14/2018 15:42
Copper	14		0.20	0.91	mg/Kg-dry	1	11/14/2018 15:42
Lead	13		0.097	0.46	mg/Kg-dry	1	11/14/2018 15:42
Nickel	12		0.18	0.46	mg/Kg-dry	1	11/14/2018 15:42
Selenium	0.73	J	0.26	0.91	mg/Kg-dry	1	11/14/2018 15:42
Silver	U		0.056	0.46	mg/Kg-dry	1	11/14/2018 15:42
Zinc	63		0.073	0.91	mg/Kg-dry	1	11/14/2018 15:42
SOLUBLE CATIONS FOR SAR							
Calcium	92		0.86	5.0	mg/L	10	11/12/2018 17:21
Magnesium	12		0.068	2.0	mg/L	10	11/12/2018 17:21
Sodium	7.0		0.34	2.0	mg/L	10	11/12/2018 17:21
SODIUM ADSORPTION RATIO							
Sodium Adsorption Ratio	0.18		0.010	0.010	none	1	11/12/2018
ELECTRICAL CONDUCTIVITY (SAR)							
Electrical Conductivity @ Saturation	0.60		0.011	0.10	mmhos/cm @25°	20	11/14/2018 20:00
CHROMIUM, TRIVALENT							
Chromium, Trivalent	9.4		0.35	1.1	mg/Kg-dry	1	11/21/2018 12:30
CHROMIUM, HEXAVALENT							
Chromium, Hexavalent	U		0.35	1.1	mg/Kg-dry	1	11/20/2018 11:00
MOISTURE							
Moisture	12		0.025	0.050	% of sample	1	11/15/2018 17:24
PH							
pH	8.70		0.10	0.100	s.u.	1	11/7/2018 14:05

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

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127796** Instrument ID **GC8** Method: **SW8015M**

MBLK		Sample ID: DBLKS1-127796-127796				Units: mg/Kg		Analysis Date: 11/13/2018 04:23 PM		
Client ID:		Run ID: GC8_181113A				SeqNo: 5384391		Prep Date: 11/12/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28)	U	5.0								
<i>Surr: 4-Terphenyl-d14</i>	2.807	0	3.33	0	84.3	33-111	0			

LCS		Sample ID: DLCSS1-127796-127796				Units: mg/Kg		Analysis Date: 11/13/2018 04:52 PM		
Client ID:		Run ID: GC8_181113A				SeqNo: 5384392		Prep Date: 11/12/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28)	202.5	5.0	333	0	60.8	58-111	0			
<i>Surr: 4-Terphenyl-d14</i>	2.816	0	3.33	0	84.6	33-111	0			

MS		Sample ID: 1811329-01A MS				Units: mg/Kg		Analysis Date: 11/13/2018 05:21 PM		
Client ID:		Run ID: GC8_181113A				SeqNo: 5384393		Prep Date: 11/12/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28)	190	4.9	326.2	0	58.2	58-111	0			
<i>Surr: 4-Terphenyl-d14</i>	2.711	0	3.262	0	83.1	33-111	0			

MSD		Sample ID: 1811329-01A MSD				Units: mg/Kg		Analysis Date: 11/13/2018 05:50 PM		
Client ID:		Run ID: GC8_181113A				SeqNo: 5384394		Prep Date: 11/12/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28)	184.9	4.7	314.8	0	58.7	58-111	190	2.73	30	
<i>Surr: 4-Terphenyl-d14</i>	2.711	0	3.148	0	86.1	33-111	2.711	0.00654	30	

The following samples were analyzed in this batch: 1811337-01A 1811337-02A

Client: Entrada Consulting Group
 Work Order: 1811337
 Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127567** Instrument ID **GC9** Method: **SW8015D**

MBLK		Sample ID: MBLK-127567-127567				Units: µg/Kg-dry		Analysis Date: 11/13/2018 04:11 PM		
Client ID:		Run ID: GC9_181113A				SeqNo: 5384908		Prep Date: 11/7/2018		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	4491	0	5000	0	89.8	71-123	0			

LCS		Sample ID: LCS-127567-127567				Units: µg/Kg-dry		Analysis Date: 11/13/2018 02:15 PM		
Client ID:		Run ID: GC9_181113A				SeqNo: 5384903		Prep Date: 11/7/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	482000	5,000	500000	0	96.4	71-123	0			
Surr: Toluene-d8	5604	0	5000	0	112	71-123	0			

MS		Sample ID: 1811346-02A MS				Units: µg/Kg-dry		Analysis Date: 11/14/2018 10:35 A		
Client ID:		Run ID: GC9_181113A				SeqNo: 5385396		Prep Date: 11/7/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	574500	5,000	500000	0	115	71-123	0			
Surr: Toluene-d8	5300	0	5000	0	106	71-123	0			

MSD		Sample ID: 1811346-02A MSD				Units: µg/Kg-dry		Analysis Date: 11/14/2018 11:33 A		
Client ID:		Run ID: GC9_181113A				SeqNo: 5385397		Prep Date: 11/7/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	532200	5,000	500000	0	106	71-123	574500	7.65	30	
Surr: Toluene-d8	5163	0	5000	0	103	71-123	5300	2.62	30	

The following samples were analyzed in this batch:

1811337-01A	1811337-02A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
 Work Order: 1811337
 Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127586** Instrument ID **HG4** Method: **SW7471B**

MBLK		Sample ID: MBLK-127586-127586				Units: mg/Kg		Analysis Date: 11/9/2018 04:13 PM		
Client ID:		Run ID: HG4_181109B				SeqNo: 5379699		Prep Date: 11/7/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.008 0.020 J

LCS		Sample ID: LCS-127586-127586				Units: mg/Kg		Analysis Date: 11/9/2018 04:15 PM		
Client ID:		Run ID: HG4_181109B				SeqNo: 5379700		Prep Date: 11/7/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1587 0.020 0.1665 0 95.3 80-120 0

MS		Sample ID: 1811339-02A MS				Units: mg/Kg		Analysis Date: 11/9/2018 05:07 PM		
Client ID:		Run ID: HG4_181109B				SeqNo: 5379742		Prep Date: 11/7/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.2074 0.018 0.1458 0.04156 114 75-125 0

MSD		Sample ID: 1811339-02A MSD				Units: mg/Kg		Analysis Date: 11/9/2018 05:10 PM		
Client ID:		Run ID: HG4_181109B				SeqNo: 5379743		Prep Date: 11/7/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.2 0.018 0.1461 0.04156 108 75-125 0.2074 3.62 35

The following samples were analyzed in this batch:

1811337-01A	1811337-02A	1811337-03A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127812** Instrument ID **ICP2** Method: **SW846 6010C**

MBLK				Sample ID: MBLK-127812-127812				Units: mg/Kg		Analysis Date: 11/12/2018 09:30 PM	
Client ID:			Run ID: ICP2_181112A			SeqNo: 5381620		Prep Date: 11/12/2018		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	0.50									
Chromium	0.0304	0.25								J	
Copper	U	0.50									
Lead	U	0.25									
Nickel	U	0.25									
Selenium	U	0.50									
Zinc	0.1145	0.50								J	

LCS					Sample ID: LCS-127812-127812			Units: mg/Kg		Analysis Date: 11/12/2018 09:37 PM		
Client ID:			Run ID: ICP2_181112A			SeqNo: 5381621		Prep Date: 11/12/2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
Arsenic	4.67	0.25	5	0	93.4	80-120	0					
Barium	5.174	0.25	5	0	103	80-120	0					
Cadmium	4.88	0.50	5	0	97.6	80-120	0					
Chromium	5.15	0.25	5	0	103	80-120	0					
Copper	5.118	0.50	5	0	102	80-120	0					
Lead	4.854	0.25	5	0	97.1	80-120	0					
Nickel	4.945	0.25	5	0	98.9	80-120	0					
Selenium	4.59	0.50	5	0	91.8	80-120	0					
Zinc	4.94	0.50	5	0	98.8	80-120	0					

MS				Sample ID: 1811337-02AMS			Units: mg/Kg		Analysis Date: 11/12/2018 10:38 PM		
Client ID: FEE108X-SS2			Run ID: ICP2_181112A			SeqNo: 5381631		Prep Date: 11/12/2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Arsenic	11.67	0.41	8.117	4.414	89.4	75-125	0				
Barium	211.8	0.41	8.117	188.1	292	75-125	0			SO	
Cadmium	7.557	0.81	8.117	0.2739	89.7	75-125	0				
Chromium	19.56	0.41	8.117	9.229	127	75-125	0			S	
Copper	23.69	0.81	8.117	15.41	102	75-125	0				
Lead	25.84	0.41	8.117	28.99	-38.8	75-125	0			S	
Nickel	18.76	0.41	8.117	12.33	79.2	75-125	0				
Selenium	7.703	0.81	8.117	0.5665	87.9	75-125	0				
Zinc	77.13	0.81	8.117	68.22	110	75-125	0			O	

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

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127812** Instrument ID **ICP2** Method: **SW846 6010C**

MSD				Sample ID: 1811337-02AMSD			Units: mg/Kg		Analysis Date: 11/12/2018 10:44 PM	
Client ID: FEE108X-SS2			Run ID: ICP2_181112A			SeqNo: 5381632		Prep Date: 11/12/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	11.61	0.40	8.078	4.414	89.1	75-125	11.67	0.472	20	
Barium	176.2	0.40	8.078	188.1	-148	75-125	211.8	18.4	20	SO
Cadmium	7.569	0.81	8.078	0.2739	90.3	75-125	7.557	0.157	20	
Chromium	19.22	0.40	8.078	9.229	124	75-125	19.56	1.77	20	
Copper	23.47	0.81	8.078	15.41	99.8	75-125	23.69	0.939	20	
Lead	25.57	0.40	8.078	28.99	-42.3	75-125	25.84	1.05	20	S
Nickel	18.69	0.40	8.078	12.33	78.7	75-125	18.76	0.375	20	
Selenium	7.593	0.81	8.078	0.5665	87	75-125	7.703	1.44	20	
Zinc	75.92	0.81	8.078	68.22	95.3	75-125	77.13	1.58	20	O

The following samples were analyzed in this batch:

1811337-01A 1811337-02A

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

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127937** Instrument ID **ICP2** Method: **SW846 6010C**

MBLK Sample ID: MBLK-127937-127937				Units: mg/Kg		Analysis Date: 11/14/2018 03:30 PM				
Client ID:		Run ID: ICP2_181114A		SeqNo: 5386178		Prep Date: 11/14/2018		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	0.50								
Chromium	0.028	0.25								J
Copper	U	0.50								
Lead	U	0.25								
Nickel	U	0.25								
Selenium	U	0.50								
Silver	0.0452	0.25								J
Zinc	0.0635	0.50								J

LCS Sample ID: LCS-127937-127937				Units: mg/Kg		Analysis Date: 11/14/2018 03:36 PM				
Client ID:		Run ID: ICP2_181114A		SeqNo: 5386182		Prep Date: 11/14/2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.46	0.25	5	0	89.2	80-120	0			
Barium	5.151	0.25	5	0	103	80-120	0			
Cadmium	4.73	0.50	5	0	94.6	80-120	0			
Chromium	5.224	0.25	5	0	104	80-120	0			
Copper	5.178	0.50	5	0	104	80-120	0			
Lead	4.79	0.25	5	0	95.8	80-120	0			
Nickel	4.835	0.25	5	0	96.7	80-120	0			
Selenium	4.525	0.50	5	0	90.5	80-120	0			
Silver	4.88	0.25	5	0	97.6	80-120	0			
Zinc	4.83	0.50	5	0	96.6	80-120	0			

MS Sample ID: 1811459-03AMS				Units: mg/Kg		Analysis Date: 11/14/2018 06:33 PM				
Client ID:		Run ID: ICP2_181114A		SeqNo: 5386254		Prep Date: 11/14/2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	10.93	0.36	7.299	4.541	87.5	75-125	0			
Barium	113.1	0.36	7.299	93.93	262	75-125	0			SO
Cadmium	6.796	0.73	7.299	0.1203	91.5	75-125	0			
Chromium	18.09	0.36	7.299	8.237	135	75-125	0			S
Copper	18.67	0.73	7.299	10.61	110	75-125	0			
Lead	15.83	0.36	7.299	9.318	89.3	75-125	0			
Nickel	15.85	0.36	7.299	9.111	92.4	75-125	0			
Selenium	6.759	0.73	7.299	0.3331	88	75-125	0			
Silver	7.299	0.36	7.299	-0.3047	104	75-125	0			
Zinc	52.71	0.73	7.299	44.98	106	75-125	0			O

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

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127937** Instrument ID **ICP2** Method: **SW846 6010C**

MSD		Sample ID: 1811459-03AMSD				Units: mg/Kg		Analysis Date: 11/14/2018 06:39 PM		
Client ID:		Run ID: ICP2_181114A				SeqNo: 5386256		Prep Date: 11/14/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	10.92	0.36	7.278	4.541	87.6	75-125	10.93	0.0906	20	
Barium	108.2	0.36	7.278	93.93	196	75-125	113.1	4.43	20	SO
Cadmium	6.761	0.73	7.278	0.1203	91.2	75-125	6.796	0.507	20	
Chromium	17.91	0.36	7.278	8.237	133	75-125	18.09	1	20	S
Copper	18.61	0.73	7.278	10.61	110	75-125	18.67	0.301	20	
Lead	15.71	0.36	7.278	9.318	87.9	75-125	15.83	0.764	20	
Nickel	15.24	0.36	7.278	9.111	84.2	75-125	15.85	3.97	20	
Selenium	6.718	0.73	7.278	0.3331	87.7	75-125	6.759	0.616	20	
Silver	7.271	0.36	7.278	-0.3047	104	75-125	7.299	0.392	20	
Zinc	51.82	0.73	7.278	44.98	94	75-125	52.71	1.71	20	O

The following samples were analyzed in this batch: 1811337-03A

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

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127971** Instrument ID **ICP2** Method: **SW846 6010C**

MBLK				Sample ID: MBLK-127971-127971				Units: mg/Kg		Analysis Date: 11/15/2018 12:35 PM	
Client ID:			Run ID: ICP2_181115A			SeqNo: 5387470		Prep Date: 11/14/2018		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	0.50									
Chromium	0.0247	0.25								J	
Copper	U	0.50									
Lead	U	0.25									
Nickel	U	0.25									
Selenium	U	0.50									
Silver	U	0.25									
Zinc	0.05198	0.50								J	

LCS				Sample ID: LCS-127971-127971				Units: mg/Kg			Analysis Date: 11/14/2018 11:21 PM			
Client ID:				Run ID: ICP2_181114A				SeqNo: 5386399			Prep Date: 11/14/2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual				
Arsenic	4.671	0.25	4.99	0	93.6	80-120	0							
Barium	5.297	0.25	4.99	0	106	80-120	0							
Cadmium	4.88	0.50	4.99	0	97.8	80-120	0							
Chromium	5.374	0.25	4.99	0	108	80-120	0							
Copper	5.306	0.50	4.99	0	106	80-120	0							
Lead	4.93	0.25	4.99	0	98.8	80-120	0							
Nickel	4.979	0.25	4.99	0	99.8	80-120	0							
Selenium	4.731	0.50	4.99	0	94.8	80-120	0							
Silver	5.036	0.25	4.99	0	101	80-120	0							
Zinc	4.95	0.50	4.99	0	99.2	80-120	0							

MS				Sample ID: 1811723-07BMS			Units: mg/Kg		Analysis Date: 11/15/2018 12:16 A		
Client ID:			Run ID: ICP2_181114A		SeqNo: 5386423		Prep Date: 11/14/2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Arsenic	15.45	0.40	8.078	5.943	118	75-125	0				
Barium	137	0.40	8.078	74.09	779	75-125	0			SO	
Cadmium	7.892	0.81	8.078	0.2024	95.2	75-125	0				
Chromium	15.63	0.40	8.078	5.341	127	75-125	0			S	
Copper	38.32	0.81	8.078	20.42	222	75-125	0			S	
Lead	36.46	0.40	8.078	29.44	86.9	75-125	0				
Nickel	20.1	0.40	8.078	7.854	152	75-125	0			S	
Selenium	7.835	0.81	8.078	0.4772	91.1	75-125	0				
Silver	7.795	0.40	8.078	-0.2187	99.2	75-125	0				
Zinc	81.68	0.81	8.078	37.87	542	75-125	0			SO	

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

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127971** Instrument ID **ICP2** Method: **SW846 6010C**

MSD		Sample ID: 1811723-07BMSD				Units: mg/Kg		Analysis Date: 11/15/2018 12:40 A		
Client ID:		Run ID: ICP2_181114A				SeqNo: 5386431		Prep Date: 11/14/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	14.15	0.39	7.8	5.943	105	75-125	15.45	8.77	20	
Barium	126.7	0.39	7.8	74.09	675	75-125	137	7.81	20	SO
Cadmium	7.27	0.78	7.8	0.2024	90.6	75-125	7.892	8.2	20	
Chromium	15.51	0.39	7.8	5.341	130	75-125	15.63	0.778	20	S
Copper	38.51	0.78	7.8	20.42	232	75-125	38.32	0.503	20	S
Lead	39.48	0.39	7.8	29.44	129	75-125	36.46	7.94	20	S
Nickel	18.46	0.39	7.8	7.854	136	75-125	20.1	8.5	20	S
Selenium	7.106	0.78	7.8	0.4772	85	75-125	7.835	9.76	20	
Silver	7.605	0.39	7.8	-0.2187	100	75-125	7.795	2.46	20	
Zinc	62.23	0.78	7.8	37.87	312	75-125	81.68	27	20	SRO

The following samples were analyzed in this batch:

1811337-01A 1811337-02A

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

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127807** Instrument ID **ICPMS3** Method: **SW6020A**

DUP		Sample ID: 1811337-03BDUP				Units: mg/L		Analysis Date: 11/12/2018 05:38 PM		
Client ID: FEE108X-BG1		Run ID: ICPMS3_181112A				SeqNo: 5381219		Prep Date: 11/12/2018		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	101	5.0	0	0	0	0-0	92.39	8.93		
Magnesium	13.35	2.0	0	0	0	0-0	12.25	8.62		
Sodium	9.586	2.0	0	0	0	0-0	7.004	31.1		

The following samples were analyzed in this batch:

1811337-01B 1811337-02B 1811337-03B

Batch ID: **127807** Instrument ID **SAR** Method: **USDA H60 Metho**

DUP		Sample ID: 1811337-03BDUP				Units: none		Analysis Date: 11/12/2018		
Client ID: FEE108X-BG1		Run ID: SAR_181112A				SeqNo: 5381257		Prep Date: 11/12/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium Adsorption Ratio	0.238	0.010	0	0	0		0.1818	26.8	50	

The following samples were analyzed in this batch:

1811337-01B 1811337-02B 1811337-03B

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

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127795** Instrument ID **SVMS9** Method: **SW846 8270D**

MBLK		Sample ID: SBLKS1-127795-127795				Units: µg/Kg		Analysis Date: 11/12/2018 07:26 PM		
Client ID:		Run ID: SVMS9_181112A				SeqNo: 5382273		Prep Date: 11/12/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	U	6.7								
Anthracene	U	6.7								
Benzo(a)anthracene	U	6.7								
Benzo(a)pyrene	U	6.7								
Benzo(b)fluoranthene	U	6.7								
Benzo(k)fluoranthene	U	6.7								
Chrysene	U	6.7								
Dibenzo(a,h)anthracene	U	6.7								
Fluoranthene	U	6.7								
Fluorene	U	6.7								
Indeno(1,2,3-cd)pyrene	U	6.7								
Naphthalene	U	6.7								
Pyrene	U	6.7								
Surr: 2-Fluorobiphenyl	2193	0	3333	0	65.8	44-107	0			
Surr: 4-Terphenyl-d14	2603	0	3333	0	78.1	52-123	0			
Surr: Nitrobenzene-d5	1803	0	3333	0	54.1	41-94	0			

LCS		Sample ID: SLCSS1-127795-127795				Units: µg/Kg		Analysis Date: 11/12/2018 07:49 PM		
Client ID:		Run ID: SVMS9_181112A				SeqNo: 5382274		Prep Date: 11/12/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1104	6.7	1333	0	82.8	55-101	0			
Anthracene	1111	6.7	1333	0	83.4	67-105	0			
Benzo(a)anthracene	1189	6.7	1333	0	89.2	68-105	0			
Benzo(a)pyrene	1159	6.7	1333	0	86.9	68-110	0			
Benzo(b)fluoranthene	1134	6.7	1333	0	85.1	65-110	0			
Benzo(k)fluoranthene	1158	6.7	1333	0	86.9	66-113	0			
Chrysene	1161	6.7	1333	0	87.1	68-108	0			
Dibenzo(a,h)anthracene	1148	6.7	1333	0	86.1	62-119	0			
Fluoranthene	1075	6.7	1333	0	80.7	67-106	0			
Fluorene	1137	6.7	1333	0	85.3	59-107	0			
Indeno(1,2,3-cd)pyrene	1131	6.7	1333	0	84.8	56-120	0			
Naphthalene	984	6.7	1333	0	73.8	46-98	0			
Pyrene	1165	6.7	1333	0	87.4	60-119	0			
Surr: 2-Fluorobiphenyl	2769	0	3333	0	83.1	44-107	0			
Surr: 4-Terphenyl-d14	2927	0	3333	0	87.8	52-123	0			
Surr: Nitrobenzene-d5	2295	0	3333	0	68.9	41-94	0			

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

Client: Entrada Consulting Group
 Work Order: 1811337
 Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: 127795 Instrument ID SVMS9 Method: SW846 8270D

MS				Sample ID: 1811329-01A MS				Units: µg/Kg		Analysis Date: 11/12/2018 08:12 PM	
Client ID:			Run ID: SVMS9_181112A			SeqNo: 5382352		Prep Date: 11/12/2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Acenaphthene	970.5	6.7	1332	0	72.9	55-101	0				
Anthracene	957.8	6.7	1332	0	71.9	67-105	0				
Benzo(a)anthracene	1020	6.7	1332	0	76.6	68-105	0				
Benzo(a)pyrene	1022	6.7	1332	0	76.7	68-110	0				
Benzo(b)fluoranthene	985.8	6.7	1332	0	74	65-110	0				
Benzo(k)fluoranthene	961.2	6.7	1332	0	72.2	66-113	0				
Chrysene	987.1	6.7	1332	0	74.1	68-108	0				
Dibenzo(a,h)anthracene	994.5	6.7	1332	0	74.7	62-119	0				
Fluoranthene	971.2	6.7	1332	0	72.9	67-106	0				
Fluorene	1011	6.7	1332	0	75.9	59-107	0				
Indeno(1,2,3-cd)pyrene	1041	6.7	1332	0	78.2	56-120	0				
Naphthalene	848.6	6.7	1332	0	63.7	46-98	0				
Pyrene	996.5	6.7	1332	0	74.8	60-119	0				
Surr: 2-Fluorobiphenyl	2316	0	3330	0	69.5	44-107	0				
Surr: 4-Terphenyl-d14	2493	0	3330	0	74.9	52-123	0				
Surr: Nitrobenzene-d5	2032	0	3330	0	61	41-94	0				

MSD				Sample ID: 1811329-01A MSD				Units: µg/Kg		Analysis Date: 11/12/2018 08:35 PM	
Client ID:			Run ID: SVMS9_181112A			SeqNo: 5382353		Prep Date: 11/12/2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Acenaphthene	801.9	6.4	1283	0	62.5	55-101	970.5	19	30		
Anthracene	800.6	6.4	1283	0	62.4	67-105	957.8	17.9	30	S	
Benzo(a)anthracene	866.7	6.4	1283	0	67.6	68-105	1020	16.2	30	S	
Benzo(a)pyrene	875.7	6.4	1283	0	68.3	68-110	1022	15.4	30		
Benzo(b)fluoranthene	845.5	6.4	1283	0	65.9	65-110	985.8	15.3	30		
Benzo(k)fluoranthene	800.6	6.4	1283	0	62.4	66-113	961.2	18.2	30	S	
Chrysene	834	6.4	1283	0	65	68-108	987.1	16.8	30	S	
Dibenzo(a,h)anthracene	835.9	6.4	1283	0	65.2	62-119	994.5	17.3	30		
Fluoranthene	811.5	6.4	1283	0	63.3	67-106	971.2	17.9	30	S	
Fluorene	828.2	6.4	1283	0	64.6	59-107	1011	19.9	30		
Indeno(1,2,3-cd)pyrene	883.4	6.4	1283	0	68.9	56-120	1041	16.4	30		
Naphthalene	696	6.4	1283	0	54.3	46-98	848.6	19.8	30		
Pyrene	836.5	6.4	1283	0	65.2	60-119	996.5	17.4	30		
Surr: 2-Fluorobiphenyl	1900	0	3207	0	59.2	44-107	2316	19.7	40		
Surr: 4-Terphenyl-d14	2089	0	3207	0	65.1	52-123	2493	17.7	40		
Surr: Nitrobenzene-d5	1672	0	3207	0	52.1	41-94	2032	19.5	40		

The following samples were analyzed in this batch:

1811337-01A 1811337-02A

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

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127566** Instrument ID **VMS8** Method: **SW8260C**

MBLK				Sample ID: MBLK-127566-127566			Units: µg/Kg-dry		Analysis Date: 11/12/2018 06:41 PM	
Client ID:		Run ID: VMS8_181112A			SeqNo: 5382409		Prep Date: 11/7/2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	30	0	0	0	0-0	0			
Ethylbenzene	U	30	0	0	0	0-0	0			
m,p-Xylene	U	60	0	0	0	0-0	0			
o-Xylene	U	30	0	0	0	0-0	0			
Toluene	U	30	0	0	0	0-0	0			
Xylenes, Total	U	90	0	0	0	0-0	0			
Surr: 1,2-Dichloroethane-d4	962.5	0	1000	0	96.2	70-130	0			
Surr: 4-Bromofluorobenzene	977.5	0	1000	0	97.8	70-130	0			
Surr: Dibromofluoromethane	928	0	1000	0	92.8	70-130	0			
Surr: Toluene-d8	999	0	1000	0	99.9	70-130	0			

LCS				Sample ID: LCS-127566-127566			Units: µg/Kg-dry		Analysis Date: 11/12/2018 05:39 PM	
Client ID:		Run ID: VMS8_181112A			SeqNo: 5382407		Prep Date: 11/7/2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	962.5	30	1000	0	96.2	75-125	0			
Ethylbenzene	971	30	1000	0	97.1	75-125	0			
m,p-Xylene	1955	60	2000	0	97.8	80-125	0			
o-Xylene	1026	30	1000	0	103	75-125	0			
Toluene	965	30	1000	0	96.5	70-125	0			
Xylenes, Total	2980	90	3000	0	99.4	75-125	0			
Surr: 1,2-Dichloroethane-d4	971.5	0	1000	0	97.2	70-130	0			
Surr: 4-Bromofluorobenzene	1010	0	1000	0	101	70-130	0			
Surr: Dibromofluoromethane	995.5	0	1000	0	99.6	70-130	0			
Surr: Toluene-d8	969.5	0	1000	0	97	70-130	0			

MS				Sample ID: 1811346-02A MS			Units: µg/Kg-dry		Analysis Date: 11/13/2018 12:55 PM	
Client ID:		Run ID: VMS8_181112A			SeqNo: 5382484		Prep Date: 11/7/2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1133	39	1299	0	87.2	75-125	0			
Ethylbenzene	1149	39	1299	0	88.4	75-125	0			
m,p-Xylene	2344	78	2598	0	90.2	80-125	0			
o-Xylene	1200	39	1299	11.04	91.6	75-125	0			
Toluene	1142	39	1299	0	88	70-125	0			
Xylenes, Total	3545	120	3897	0	91	75-125	0			
Surr: 1,2-Dichloroethane-d4	1264	0	1299	0	97.3	70-130	0			
Surr: 4-Bromofluorobenzene	1305	0	1299	0	100	70-130	0			
Surr: Dibromofluoromethane	1248	0	1299	0	96.1	70-130	0			
Surr: Toluene-d8	1283	0	1299	0	98.8	70-130	0			

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

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127566** Instrument ID **VMS8** Method: **SW8260C**

MSD				Sample ID: 1811346-02A MSD			Units: µg/Kg-dry		Analysis Date: 11/13/2018 01:10 A		
Client ID:		Run ID: VMS8_181112A			SeqNo: 5382483		Prep Date: 11/7/2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	1037	39	1299	0	79.8	75-125	1133	8.86	30		
Ethylbenzene	1083	39	1299	0	83.4	75-125	1149	5.94	30		
m,p-Xylene	2252	78	2598	0	86.7	80-125	2344	4.04	30		
o-Xylene	1160	39	1299	11.04	88.4	75-125	1200	3.41	30		
Toluene	1102	39	1299	0	84.8	70-125	1142	3.59	30		
Xylenes, Total	3411	120	3897	0	87.6	75-125	3545	3.83	30		
Surr: 1,2-Dichloroethane-d4	1247	0	1299	0	96	70-130	1264	1.35	30		
Surr: 4-Bromofluorobenzene	1357	0	1299	0	104	70-130	1305	3.9	30		
Surr: Dibromofluoromethane	1257	0	1299	0	96.8	70-130	1248	0.674	30		
Surr: Toluene-d8	1335	0	1299	0	103	70-130	1283	3.92	30		

The following samples were analyzed in this batch:

1811337-01A 1811337-02A

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

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127572** Instrument ID **WETCHEM** Method: **SW9045D**

LCS				Sample ID: LCS-127572-127572				Units: s.u.			Analysis Date: 11/7/2018 02:05 PM			
Client ID:				Run ID: WETCHEM_181107K				SeqNo: 5372039			Prep Date: 11/7/2018		DF: 1	
Analyte				Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 4.01 0.10 4 0 100 90-110 0

DUP		Sample ID: 1811329-01A DUP				Units: s.u.		Analysis Date: 11/7/2018 02:05 PM		
Client ID:		Run ID: WETCHEM_181107K			SeqNo: 5372045		Prep Date: 11/7/2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 8.6 0.10 0 0 0 0-0 8.53 0.817 20

DUP		Sample ID: 1811334-01A DUP					Units: s.u.		Analysis Date: 11/7/2018 02:05 PM		
Client ID:			Run ID: WETCHEM_181107K			SeqNo: 5372052		Prep Date: 11/7/2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

pH 7.94 0.10 0 0 0 0-0 8.02 1 20

The following samples were analyzed in this batch:

1811337-01A 1811337-02A 1811337-03A

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

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **127807** Instrument ID **WETCHEM** Method: **USDA H60 Metho**

DUP		Sample ID: 1811337-03B DUP				Units: mmhos/cm @25°		Analysis Date: 11/14/2018 08:00 PM		
Client ID: FEE108X-BG1			Run ID: WETCHEM_181114I			SeqNo: 5386476		Prep Date: 11/12/2018		DF: 20
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturation	0.686	0.10	0	0	0		0.602	13	50	

The following samples were analyzed in this batch:

1811337-01B	1811337-02B	1811337-03B
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **128146** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK		Sample ID: MBLK-128146-128146				Units: mg/Kg		Analysis Date: 11/20/2018 11:00 A		
Client ID:		Run ID: WETCHEM_181120F		SeqNo: 5395807		Prep Date: 11/20/2018		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-128146-128146				Units: mg/Kg		Analysis Date: 11/20/2018 11:00 A		
Client ID:		Run ID: WETCHEM_181120F		SeqNo: 5395808		Prep Date: 11/20/2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 4.1 1.0 5 0 82 80-120 0

MS		Sample ID: 1811346-01A MS				Units: mg/Kg		Analysis Date: 11/20/2018 11:00 A		
Client ID:		Run ID: WETCHEM_181120F		SeqNo: 5395818		Prep Date: 11/20/2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 0.46 1.0 5 -0.3287 15.8 75-125 0 JS

MS		Sample ID: 1811346-01A MSI				Units: mg/Kg		Analysis Date: 11/20/2018 11:00 A		
Client ID:		Run ID: WETCHEM_181120F		SeqNo: 5395820		Prep Date: 11/20/2018		DF: 100		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 319 100 1641 -0.3287 19.5 75-125 0 S

MSD		Sample ID: 1811346-01A MSD				Units: mg/Kg		Analysis Date: 11/20/2018 11:00 A		
Client ID:		Run ID: WETCHEM_181120F		SeqNo: 5395819		Prep Date: 11/20/2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 2.363 0.98 4.902 -0.3287 54.9 75-125 0.46 135 20 SR

The following samples were analyzed in this batch:

1811337-01A	1811337-02A	1811337-03A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Entrada Consulting Group
Work Order: 1811337
Project: FEE 108X Spill

QC BATCH REPORT

Batch ID: **R249429** Instrument ID **MOIST** Method: **SW3550C**

MBLK		Sample ID: WBLKS-R249429				Units: % of sample		Analysis Date: 11/15/2018 05:24 PM		
Client ID:		Run ID: MOIST_181115C				SeqNo: 5389667		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture U 0.050

LCS		Sample ID: LCS-R249429				Units: % of sample		Analysis Date: 11/15/2018 05:24 PM		
Client ID:		Run ID: MOIST_181115C				SeqNo: 5389666		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 100 0.050 100 0 100 99.5-100.5 0

DUP		Sample ID: 1811337-02A DUP				Units: % of sample		Analysis Date: 11/15/2018 05:24 PM		
Client ID: FEE108X-SS2		Run ID: MOIST_181115C				SeqNo: 5389646		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 8.79 0.050 0 0 0 0-0 9.31 5.75 10

DUP		Sample ID: 1811928-08A DUP				Units: % of sample		Analysis Date: 11/15/2018 05:24 PM		
Client ID:		Run ID: MOIST_181115C				SeqNo: 5389660		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 6.3 0.050 0 0 0 0-0 6.5 3.12 10

The following samples were analyzed in this batch:

1811337-01A	1811337-02A	1811337-03A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.



Chain of Custody Form

Page 1 of 1

COC ID: 123456

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☐ York, PA
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Customer Information		Project Information					Parameter/Method Request for Analysis												
Purchase Order		Project Name	FEE 108X Spill					A TPH (GRO & DRO)											
Work Order		Project Number						B BTEX											
Company Name	Entrada Consulting Group	Bill To Company	Entrada Consulting Group					C PAH (See Attached List) CO Table 910											
Send Report To	Tim Dobransky	Invoice Attn.	Tim Dobransky					D Electrical Conductivity											
Address	330 Grand Ave Unit C	Address	330 Grand Ave Unit C					E Sodium Adsorption Ratio											
City/State/Zip	Grand Junction, CO 81501	City/State/Zip	Grand Junction, CO 81501					F pH											
Phone	970.270.2986	Phone	970.270.2986					G Metals (See Attached List) CO Table 910											
Fax		Fax						H Arsenic Only											
e-Mail Address	tdobransky@entradainc.com	e-Mail Address	tdobransky@entradainc.com					I											
								J											
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold		
1	FEE108X-SS1	11/01/18	1020	Soil	8	2	X	X	X	X	X	X	X						
2	FEE108X-SS2	11/01/18	1030	Soil	8	2	X	X	X	X	X	X	X						
3	FEE108X-BG1	11/01/18	1035	Soil	8	2				X	X	X	X						
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Sampler(s): Please Print & Sign Dobransky		Shipment Method: FedEx		Required Turnaround Time: <input checked="" type="checkbox"/> STD 10 Wk Days <input type="checkbox"/> 5 Wk Days <input type="checkbox"/> 2 Wk Days <input type="checkbox"/> 24 Hour		Results Due Date:	
Relinquished by:		Date: 11/5/18	Time:	Received by:		Notes: Chevron Pricing Applies - Per Bruce Schlatter	
Relinquished by:		Date: 11-5-18	Time: 1830	Received by (Laboratory):		Cooler Temp. 4.8°	
Logged by (Laboratory):		Date: 11/6/18	Time: 1300	Checked by (Laboratory):		QC Package: (Check Box Below)	
						<input checked="" type="checkbox"/> Level II: Standard QC <input type="checkbox"/> Level III: Std QC + Raw Data <input type="checkbox"/> Level IV: SW846 CLP-Like <input type="checkbox"/> Other:	
Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035							

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

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Sample Receipt Checklist

Client Name: **ENTRADA**

Date/Time Received: **06-Nov-18 09:30**

Work Order: **1811337**

Received by: **KRW**

Checklist completed by Keith Wurenga
eSignature

06-Nov-18
Date

Reviewed by: Chad Whelton
eSignature

06-Nov-18
Date

Matrices: **Soil**

Carrier name: **FedEx**

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample(s) received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>4.8/4.8 C</u>		<u>SR2</u>
Cooler(s)/Kit(s):	<u></u>		
Date/Time sample(s) sent to storage:	<u>11/6/2018 1:49:59 PM</u>		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:	<u>-</u>		

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction: