



29-Jul-2021

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

Re: **Fee122X Spill Resampling**

Work Order: **21071613**

Dear Tim,

ALS Environmental received 2 samples on 17-Jul-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 24.

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

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Client: Entrada Consulting Group
Project: Fee122X Spill Resampling
Work Order: 21071613

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>
21071613-01	FEE122X-SS1	Soil		7/15/2021 10:45	7/17/2021 10:00	<input type="checkbox"/>
21071613-02	FEE122X-BG1	Soil		7/15/2021 11:00	7/17/2021 10:00	<input type="checkbox"/>

Client: Entrada Consulting Group
Project: Fee122X Spill Resampling
Work Order: 21071613

Case Narrative

Batch 180591, Method SW8260C, Sample FEE122X-SS1 (21071613-01A): Holding time was exceeded. VOCs from a bulk sample were not preserved within 48 hours of collection in accordance with EPA 5035A. Results are to be considered estimated.

Batch 180592, Method SW8015D, Sample 21071613-01A MS/MSD: The MS/MSD recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary: GRO.

Batch 180592, Method SW8015D, Sample FEE122X-SS1 (21071613-01A): Holding time was exceeded. GROs from a bulk sample were not preserved within 48 hours of collection in accordance with EPA 5035A. Results are to be considered estimated.

Batch 180588, Method SW6020B, Sample 21071613-01A MS/MSD: The MS/MSD recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte: Silver.

Batch 180588, Method SW6020B, Sample 21071613-01A MS/MSD: The MS/MSD recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Barium, Zinc.

Batch 180588, Method SW6020B, Sample 21071613-01A MS: The MS recovery was outside of the control limit. However, the MSD recovery and the RPD between the MS and MSD was in control. No qualification is required for this analyte: Copper.

Batch 180588, Method SW6020B, Sample 21071613-01A MSD: The MSD recovery was outside of the control limit. However, the MS recovery and the RPD between the MS and MSD was in control. No qualification is required for this analyte: Cadmium, Chromium.

<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
°C	Degrees Celcius
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: 29-Jul-21

Client: Entrada Consulting Group
Project: Fee122X Spill Resampling
Sample ID: FEE122X-SS1
Collection Date: 7/15/2021 10:45 AM

Work Order: 21071613
Lab ID: 21071613-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015D		Prep: SW3550 / 7/21/21		Analyst: SJB
DRO (C10-C28)	8.5	J	2.9	10	mg/Kg-dry	1	7/22/2021 02:34
Surr: 4-Terphenyl-d14	73.7			33-111	%REC	1	7/22/2021 02:34
GASOLINE RANGE ORGANICS BY GC-FID							
			Method: SW8015D		Prep: SW5035A / 7/21/21		Analyst: SJB
GRO (C6-C10)	U	H	2.2	5.2	mg/Kg	1	7/21/2021 20:51
Surr: Toluene-d8	114			71-123	%REC	1	7/21/2021 20:51
MERCURY BY CVAA							
			Method: SW7471B		Prep: SW7471 / 7/22/21		Analyst: MTW
Mercury	0.042		0.012	0.018	mg/Kg-dry	1	7/22/2021 15:59
METALS BY ICP-MS							
			Method: SW6020B		Prep: SW3050B / 7/21/21		Analyst: STP
Arsenic	5.3		0.048	0.40	mg/Kg-dry	1	7/22/2021 00:42
Barium	160		3.7	4.0	mg/Kg-dry	10	7/22/2021 16:38
Cadmium	0.68		0.024	0.16	mg/Kg-dry	1	7/22/2021 00:42
Chromium	9.2		0.18	0.40	mg/Kg-dry	1	7/22/2021 00:42
Copper	11		0.40	0.40	mg/Kg-dry	1	7/22/2021 00:42
Lead	18		0.19	0.40	mg/Kg-dry	1	7/22/2021 00:42
Nickel	14		0.21	0.40	mg/Kg-dry	1	7/22/2021 00:42
Selenium	1.1		0.37	0.40	mg/Kg-dry	1	7/22/2021 00:42
Silver	0.063	J	0.053	0.40	mg/Kg-dry	1	7/22/2021 00:42
Zinc	57		0.78	0.80	mg/Kg-dry	1	7/22/2021 00:42
SOLUBLE CATIONS FOR SAR							
			Method: SW6020B		Prep: USDA Method 20B / 7/23/21		Analyst: STP
Calcium	840		2.5	5.0	mg/L	10	7/23/2021 19:11
Magnesium	400		0.50	2.0	mg/L	10	7/23/2021 19:11
Sodium	5,600		18	20	mg/L	100	7/26/2021 12:56
SODIUM ADSORPTION RATIO							
			Method: USDA H60 METHOD 20B		Prep: USDA Method 20B / 7/23/21		Analyst: STP
Sodium Adsorption Ratio	40		0.010	0.010	none	1	7/23/2021
POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)							
			Method: SW8270E		Prep: SW3546 / 7/21/21		Analyst: EEW
Acenaphthene	U		0.0035	0.0041	mg/Kg-dry	1	7/22/2021 17:48
Anthracene	U		0.0037	0.0041	mg/Kg-dry	1	7/22/2021 17:48
Benzo(a)anthracene	U		0.0040	0.0041	mg/Kg-dry	1	7/22/2021 17:48
Benzo(a)pyrene	U		0.0033	0.0041	mg/Kg-dry	1	7/22/2021 17:48
Benzo(b)fluoranthene	U		0.0035	0.0041	mg/Kg-dry	1	7/22/2021 17:48
Benzo(k)fluoranthene	U		0.0034	0.0041	mg/Kg-dry	1	7/22/2021 17:48
Chrysene	U		0.0038	0.0041	mg/Kg-dry	1	7/22/2021 17:48
Dibenzo(a,h)anthracene	U		0.0034	0.0041	mg/Kg-dry	1	7/22/2021 17:48

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

ALS Group, USA

Date: 29-Jul-21

Client: Entrada Consulting Group
Project: Fee122X Spill Resampling
Sample ID: FEE122X-SS1
Collection Date: 7/15/2021 10:45 AM

Work Order: 21071613
Lab ID: 21071613-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Fluoranthene	U		0.0033	0.0041	mg/Kg-dry	1	7/22/2021 17:48
Fluorene	U		0.0032	0.0041	mg/Kg-dry	1	7/22/2021 17:48
Indeno(1,2,3-cd)pyrene	U		0.0036	0.0041	mg/Kg-dry	1	7/22/2021 17:48
Naphthalene	U		0.0040	0.0041	mg/Kg-dry	1	7/22/2021 17:48
Pyrene	U		0.0040	0.0041	mg/Kg-dry	1	7/22/2021 17:48
Surr: 2-Fluorobiphenyl	76.2			20-140	%REC	1	7/22/2021 17:48
Surr: 4-Terphenyl-d14	39.6			22-172	%REC	1	7/22/2021 17:48
Surr: Nitrobenzene-d5	43.5			28-140	%REC	1	7/22/2021 17:48
VOLATILE ORGANIC COMPOUNDS			Method: SW8260C		Prep: SW5035A / 7/21/21		Analyst: MF
Benzene	U	H	0.014	0.030	mg/Kg-dry	1	7/21/2021 16:36
Ethylbenzene	U	H	0.0062	0.030	mg/Kg-dry	1	7/21/2021 16:36
m,p-Xylene	U	H	0.039	0.059	mg/Kg-dry	1	7/21/2021 16:36
o-Xylene	U	H	0.011	0.030	mg/Kg-dry	1	7/21/2021 16:36
Toluene	U	H	0.0081	0.030	mg/Kg-dry	1	7/21/2021 16:36
Xylenes, Total	U	H	0.039	0.089	mg/Kg-dry	1	7/21/2021 16:36
Surr: 1,2-Dichloroethane-d4	102			70-130	%REC	1	7/21/2021 16:36
Surr: 4-Bromofluorobenzene	105			70-130	%REC	1	7/21/2021 16:36
Surr: Dibromofluoromethane	103			70-130	%REC	1	7/21/2021 16:36
Surr: Toluene-d8	100			70-130	%REC	1	7/21/2021 16:36
ELECTRICAL CONDUCTIVITY (SAR)			Method: USDA H60 METHOD 20B		Prep: USDA Method 20B / 7/23/21		Analyst: QTN
Electrical Conductivity @ Saturation	35		0.011	0.10	mmhos/cm @25°C	20	7/23/2021 13:05
CHROMIUM, TRIVALENT			Method: CALCULATION				Analyst: JB
Chromium, Trivalent	9.2		0.87	1.0	mg/Kg-dry	1	7/24/2021 13:00
CHROMIUM, HEXAVALENT			Method: SW7196A		Prep: SW3060A / 7/22/21		Analyst: RZM
Chromium, Hexavalent	U		0.87	1.0	mg/Kg-dry	1	7/22/2021 16:47
MOISTURE			Method: SW3550C				Analyst: CDG
Moisture	2.4		0.10	0.10	% of sample	1	7/22/2021 11:03
SOIL PH MEASURED IN WATER AT NOTED TEMP.			Method: SW9045D		Prep: SW9045D / 7/20/21		Analyst: QTN
pH	7.92		0.10	0.10	s.u.	1	7/21/2021 11:45
Temperature	20.1		0.10	0.10	°C	1	7/21/2021 11:45

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

ALS Group, USA

Date: 29-Jul-21

Client: Entrada Consulting Group
Project: Fee122X Spill Resampling
Sample ID: FEE122X-BG1
Collection Date: 7/15/2021 11:00 AM

Work Order: 21071613
Lab ID: 21071613-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY BY CVAA							
			Method: SW7471B		Prep: SW7471 / 7/22/21		Analyst: MTW
Mercury	0.046		0.012	0.017	mg/Kg-dry	1	7/22/2021 16:01
METALS BY ICP-MS							
			Method: SW6020B		Prep: SW3050B / 7/21/21		Analyst: STP
Arsenic	5.7		0.046	0.39	mg/Kg-dry	1	7/22/2021 01:19
Barium	97		0.35	0.39	mg/Kg-dry	1	7/22/2021 01:19
Boron	9.4		1.4	1.5	mg/Kg-dry	1	7/22/2021 01:19
Cadmium	0.20		0.023	0.15	mg/Kg-dry	1	7/22/2021 01:19
Chromium	9.9		0.17	0.39	mg/Kg-dry	1	7/22/2021 01:19
Copper	12		0.39	0.39	mg/Kg-dry	1	7/22/2021 01:19
Lead	19		0.18	0.39	mg/Kg-dry	1	7/22/2021 01:19
Nickel	15		0.20	0.39	mg/Kg-dry	1	7/22/2021 01:19
Selenium	1.4		0.35	0.39	mg/Kg-dry	1	7/22/2021 16:52
Silver	0.077	J	0.051	0.39	mg/Kg-dry	1	7/22/2021 01:19
Zinc	62		0.76	0.77	mg/Kg-dry	1	7/22/2021 01:19
CHROMIUM, TRIVALENT							
			Method: CALCULATION				Analyst: JB
Chromium, Trivalent	9.9		0.87	1.0	mg/Kg-dry	1	7/24/2021 13:00
CHROMIUM, HEXAVALENT							
			Method: SW7196A		Prep: SW3060A / 7/22/21		Analyst: RZM
Chromium, Hexavalent	U		0.87	1.0	mg/Kg-dry	1	7/22/2021 16:47
MOISTURE							
			Method: SW3550C				Analyst: CDG
Moisture	2.3		0.10	0.10	% of sample	1	7/22/2021 11:03

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

Client: Entrada Consulting Group
Work Order: 21071613
Project: Fee122X Spill Resampling

QC BATCH REPORT

Batch ID: **180595** Instrument ID **GC8** Method: **SW8015D**

MBLK				Sample ID: DBLKS1-180595-180595		Units: mg/Kg		Analysis Date: 7/21/2021 10:15 PM		
Client ID:		Run ID: GC8_210721A		SeqNo: 7600314		Prep Date: 7/21/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	4.245	10								J
Surr: 4-Terphenyl-d14	2.846	0	3.33	0	85.5	33-111	0			

LCS				Sample ID: DLCSS1-180595-180595		Units: mg/Kg		Analysis Date: 7/21/2021 10:52 PM		
Client ID:		Run ID: GC8_210721A		SeqNo: 7600315		Prep Date: 7/21/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	372.5	10	333	0	112	64-130	0			
Surr: 4-Terphenyl-d14	2.754	0	3.33	0	82.7	33-111	0			

MS				Sample ID: 21071361-01B MS		Units: mg/Kg		Analysis Date: 7/21/2021 11:29 PM		
Client ID:		Run ID: GC8_210721A		SeqNo: 7600316		Prep Date: 7/21/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	360	9.9	329.6	0.4278	109	64-130	0			
Surr: 4-Terphenyl-d14	2.75	0	3.296	0	83.4	33-111	0			

MSD				Sample ID: 21071361-01B MSD		Units: mg/Kg		Analysis Date: 7/22/2021 12:06 AM		
Client ID:		Run ID: GC8_210721A		SeqNo: 7600317		Prep Date: 7/21/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	367.6	9.8	325.9	0.4278	113	64-130	360	2.09	30	
Surr: 4-Terphenyl-d14	2.744	0	3.259	0	84.2	33-111	2.75	0.193	30	

The following samples were analyzed in this batch:

21071613-01A

Client: Entrada Consulting Group
 Work Order: 21071613
 Project: Fee122X Spill Resampling

QC BATCH REPORT

Batch ID: **180592** Instrument ID **GC9** Method: **SW8015D**

MBLK		Sample ID: MBLK-180592-180592				Units: µg/Kg-dry		Analysis Date: 7/21/2021 08:08 PM		
Client ID:		Run ID: GC9_210721A				SeqNo: 7599540		Prep Date: 7/21/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	2358	5,000	0	0	0		0			J
Surr: Toluene-d8	5653	0	5000	0	113	71-123	0			

LCS		Sample ID: LCS-180592-180592				Units: µg/Kg-dry		Analysis Date: 7/21/2021 07:24 PM		
Client ID:		Run ID: GC9_210721A				SeqNo: 7599550		Prep Date: 7/21/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	266500	5,000	250000	0	107	71-123	0			
Surr: Toluene-d8	5468	0	5000	0	109	71-123	0			

MS		Sample ID: 21071613-01A MS				Units: µg/Kg-dry		Analysis Date: 7/21/2021 10:39 PM		
Client ID: FEE122X-SS1		Run ID: GC9_210721A				SeqNo: 7599547		Prep Date: 7/21/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	398400	5,200	258500	0	154	71-123	0			SH
Surr: Toluene-d8	6880	0	5170	0	133	71-123	0			S

MSD		Sample ID: 21071613-01A MSD				Units: µg/Kg-dry		Analysis Date: 7/21/2021 11:01 PM		
Client ID: FEE122X-SS1		Run ID: GC9_210721A				SeqNo: 7599548		Prep Date: 7/21/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	336100	5,200	258500	0	130	71-123	398400	17	30	SH
Surr: Toluene-d8	5325	0	5170	0	103	71-123	6880	25.5	30	

The following samples were analyzed in this batch:

21071613-01A

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

Client: Entrada Consulting Group
Work Order: 21071613
Project: Fee122X Spill Resampling

QC BATCH REPORT

Batch ID: **180612** Instrument ID **HG4** Method: **SW7471B**

MBLK		Sample ID: MBLK-180612-180612				Units: mg/Kg		Analysis Date: 7/22/2021 03:12 PM		
Client ID:		Run ID: HG4_210722A		SeqNo: 7602782		Prep Date: 7/22/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury U 0.020

LCS		Sample ID: LCS-180612-180612				Units: mg/Kg		Analysis Date: 7/22/2021 03:14 PM		
Client ID:		Run ID: HG4_210722A		SeqNo: 7602783		Prep Date: 7/22/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1767 0.020 0.1665 0 106 80-120 0

MS		Sample ID: 21071613-02AMS				Units: mg/Kg		Analysis Date: 7/22/2021 04:03 PM		
Client ID: FEE122X-BG1		Run ID: HG4_210722A		SeqNo: 7602810		Prep Date: 7/22/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1814 0.016 0.1357 0.04511 100 75-125 0

MSD		Sample ID: 21071613-02AMSD				Units: mg/Kg		Analysis Date: 7/22/2021 04:04 PM		
Client ID: FEE122X-BG1		Run ID: HG4_210722A		SeqNo: 7602811		Prep Date: 7/22/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1788 0.016 0.1368 0.04511 97.7 75-125 0.1814 1.45 35

The following samples were analyzed in this batch:

21071613-01A 21071613-02A

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

Client: Entrada Consulting Group
 Work Order: 21071613
 Project: Fee122X Spill Resampling

QC BATCH REPORT

Batch ID: **180588** Instrument ID **ICPMS3** Method: **SW6020B**

MBLK				Sample ID: MBLK-180588-180588				Units: mg/Kg		Analysis Date: 7/21/2021 11:57 PM		
Client ID:			Run ID: ICPMS3_210721B			SeqNo: 7598878		Prep Date: 7/21/2021		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										
Boron	U	1.0										
Cadmium	U	0.10										
Chromium	U	0.25										
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-180588-180588				Units: mg/Kg			Analysis Date: 7/21/2021 11:59 PM		
Client ID:			Run ID: ICPMS3_210721B			SeqNo: 7598879			Prep Date: 7/21/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			
Arsenic	4.975	0.25	5	0	99.5	80-120	0						
Barium	5.408	0.25	5	0	108	80-120	0						
Boron	25.09	1.0	25	0	100	80-120	0						
Cadmium	5.182	0.10	5	0	104	80-120	0						
Chromium	4.853	0.25	5	0	97.1	80-120	0						
Copper	4.778	0.25	5	0	95.6	80-120	0						
Lead	5.031	0.25	5	0	101	80-120	0						
Nickel	4.697	0.25	5	0	93.9	80-120	0						
Selenium	4.988	0.25	5	0	99.8	80-120	0						
Silver	4.921	0.25	5	0	98.4	80-120	0						
Zinc	4.839	0.50	5	0	96.8	80-120	0						

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

Client: Entrada Consulting Group
Work Order: 21071613
Project: Fee122X Spill Resampling

QC BATCH REPORT

Batch ID: **180588** Instrument ID **ICPMS3** Method: **SW6020B**

MS				Sample ID: 21071613-01AMS			Units: mg/Kg		Analysis Date: 7/22/2021 12:44 AM	
Client ID: FEE122X-SS1				Run ID: ICPMS3_210721B			SeqNo: 7598903		Prep Date: 7/21/2021	
									DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	12.03	0.40	7.962	5.175	86.1	75-125	0			
Boron	54.8	1.6	39.81	11.99	108	75-125	0			
Cadmium	6.722	0.16	7.962	0.6634	76.1	75-125	0			
Chromium	18.64	0.40	7.962	8.986	121	75-125	0			
Copper	16.55	0.40	7.962	10.88	71.2	75-125	0			S
Lead	27.06	0.40	7.962	18.04	113	75-125	0			
Nickel	21.24	0.40	7.962	13.37	99	75-125	0			
Selenium	7.986	0.40	7.962	1.052	87.1	75-125	0			
Silver	5.947	0.40	7.962	0.0618	73.9	75-125	0			S
Zinc	66.41	0.80	7.962	55.39	138	75-125	0			SO

MS				Sample ID: 21071613-01AMS			Units: mg/Kg		Analysis Date: 7/22/2021 04:40 PM	
Client ID: FEE122X-SS1				Run ID: ICPMS3_210722B			SeqNo: 7602489		Prep Date: 7/21/2021	
									DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	153.7	4.0	7.962	155.9	-27.4	75-125	0			SO

MSD				Sample ID: 21071613-01AMSD			Units: mg/Kg		Analysis Date: 7/22/2021 01:17 AM	
Client ID: FEE122X-SS1				Run ID: ICPMS3_210721B			SeqNo: 7598923		Prep Date: 7/21/2021	
									DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	11.66	0.39	7.776	5.175	83.4	75-125	12.03	3.08	20	
Boron	52.35	1.6	38.88	11.99	104	75-125	54.8	4.57	20	
Cadmium	6.471	0.16	7.776	0.6634	74.7	75-125	6.722	3.8	20	S
Chromium	19.6	0.39	7.776	8.986	137	75-125	18.64	5.05	20	S
Copper	17.54	0.39	7.776	10.88	85.6	75-125	16.55	5.82	20	
Lead	25.83	0.39	7.776	18.04	100	75-125	27.06	4.65	20	
Nickel	21.36	0.39	7.776	13.37	103	75-125	21.24	0.549	20	
Selenium	8.146	0.39	7.776	1.052	91.2	75-125	7.986	1.98	20	
Silver	5.665	0.39	7.776	0.0618	72.1	75-125	5.947	4.85	20	S
Zinc	67.59	0.78	7.776	55.39	157	75-125	66.41	1.76	20	SO

MSD				Sample ID: 21071613-01AMSD			Units: mg/Kg		Analysis Date: 7/22/2021 04:42 PM	
Client ID: FEE122X-SS1				Run ID: ICPMS3_210722B			SeqNo: 7602490		Prep Date: 7/21/2021	
									DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	133.4	3.9	7.776	155.9	-288	75-125	153.7	14.1	20	SO

The following samples were analyzed in this batch:

21071613-01A 21071613-02A

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

Client: Entrada Consulting Group
Work Order: 21071613
Project: Fee122X Spill Resampling

QC BATCH REPORT

Batch ID: **180746** Instrument ID **ICPMS3** Method: **SW6020B**

DUP		Sample ID: 21071542-02A DUP				Units: mg/L		Analysis Date: 7/23/2021 07:08 PM		
Client ID:		Run ID: ICPMS3_210723A				SeqNo: 7607898		Prep Date: 7/23/2021		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	183.9	5.0	0	0	0	0-0	79.99	78.7		
Magnesium	22.88	2.0	0	0	0	0-0	9.941	78.8		
Sodium	115.7	2.0	0	0	0	0-0	20.41	140		

The following samples were analyzed in this batch: 21071613-01B

Batch ID: **180746** Instrument ID **SAR** Method: **USDA H60 Method**

DUP		Sample ID: 21071542-02A DUP				Units: none		Analysis Date: 7/23/2021		
Client ID:		Run ID: SAR_210723A				SeqNo: 7608848		Prep Date: 7/23/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium Adsorption Ratio	2.14	0.010	0	0	0		0.5726	116	50	R

The following samples were analyzed in this batch: 21071613-01B

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

Client: Entrada Consulting Group
 Work Order: 21071613
 Project: Fee122X Spill Resampling

QC BATCH REPORT

Batch ID: **180619** Instrument ID **SVMS6** Method: **SW8270E**

MBLK				Sample ID: SBLKS1-180619-180619				Units: µg/Kg			Analysis Date: 7/22/2021 02:27 PM		
Client ID:			Run ID: SVMS6_210722A				SeqNo: 7603751			Prep Date: 7/21/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			
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	3459	0	3333	0	104	20-140	0						
Surr: 4-Terphenyl-d14	2985	0	3333	0	89.5	22-172	0						
Surr: Nitrobenzene-d5	2936	0	3333	0	88.1	28-140	0						

LCS				Sample ID: SLCSS1-180619-180619				Units: µg/Kg		Analysis Date: 7/22/2021 03:13 PM		
Client ID:			Run ID: SVMS6_210722A			SeqNo: 7603754		Prep Date: 7/21/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
Acenaphthene	1170	4.2	1333	0	87.7	40-140	0					
Anthracene	1317	4.2	1333	0	98.8	40-140	0					
Benzo(a)anthracene	1280	4.2	1333	0	96	40-140	0					
Benzo(a)pyrene	1367	4.2	1333	0	103	40-140	0					
Benzo(b)fluoranthene	1083	4.2	1333	0	81.2	40-140	0					
Benzo(k)fluoranthene	1458	4.2	1333	0	109	40-140	0					
Chrysene	1273	4.2	1333	0	95.5	40-140	0					
Dibenzo(a,h)anthracene	1317	4.2	1333	0	98.8	40-140	0					
Fluoranthene	1235	4.2	1333	0	92.7	40-140	0					
Fluorene	1161	4.2	1333	0	87.1	40-140	0					
Indeno(1,2,3-cd)pyrene	1292	4.2	1333	0	97	40-140	0					
Naphthalene	1251	4.2	1333	0	93.9	40-140	0					
Pyrene	1044	4.2	1333	0	78.3	40-140	0					
Surr: 2-Fluorobiphenyl	3362	0	3333	0	101	20-140	0					
Surr: 4-Terphenyl-d14	2874	0	3333	0	86.2	22-172	0					
Surr: Nitrobenzene-d5	2239	0	3333	0	67.2	28-140	0					

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

Client: Entrada Consulting Group
 Work Order: 21071613
 Project: Fee122X Spill Resampling

QC BATCH REPORT

Batch ID: **180619** Instrument ID **SVMS6** Method: **SW8270E**

MS				Sample ID: 21071223-09B MS			Units: µg/Kg		Analysis Date: 7/22/2021 05:02 PM	
Client ID:				Run ID: SVMS6_210722A			SeqNo: 7603755		Prep Date: 7/21/2021	
									DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1204	4.0	1268	9.134	94.2	40-140	0			
Anthracene	1447	4.0	1268	48.55	110	40-140	0			
Benzo(a)anthracene	1320	4.0	1268	90	97	40-140	0			
Benzo(a)pyrene	1273	4.0	1268	86.78	93.6	40-140	0			
Benzo(b)fluoranthene	1202	4.0	1268	118	85.5	40-140	0			
Benzo(k)fluoranthene	1330	4.0	1268	48.24	101	40-140	0			
Chrysene	1349	4.0	1268	107.7	97.9	40-140	0			
Dibenzo(a,h)anthracene	1143	4.0	1268	8.751	89.5	40-140	0			
Fluoranthene	1562	4.0	1268	215.8	106	40-140	0			
Fluorene	1157	4.0	1268	6.148	90.8	40-140	0			
Indeno(1,2,3-cd)pyrene	1131	4.0	1268	66.94	83.9	40-140	0			
Naphthalene	1267	4.0	1268	0	99.9	40-140	0			
Pyrene	1169	4.0	1268	169.5	78.8	40-140	0			
Surr: 2-Fluorobiphenyl	3416	0	3171	0	108	20-140	0			
Surr: 4-Terphenyl-d14	2692	0	3171	0	84.9	22-172	0			
Surr: Nitrobenzene-d5	2417	0	3171	0	76.2	28-140	0			

MSD				Sample ID: 21071223-09B MSD			Units: µg/Kg		Analysis Date: 7/22/2021 05:17 PM	
Client ID:				Run ID: SVMS6_210722A			SeqNo: 7603756		Prep Date: 7/21/2021	
									DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1201	4.1	1310	9.134	91	40-140	1204	0.214	30	
Anthracene	1350	4.1	1310	48.55	99.3	40-140	1447	6.88	30	
Benzo(a)anthracene	1347	4.1	1310	90	95.9	40-140	1320	1.97	30	
Benzo(a)pyrene	1265	4.1	1310	86.78	89.9	40-140	1273	0.638	30	
Benzo(b)fluoranthene	1163	4.1	1310	118	79.8	40-140	1202	3.3	30	
Benzo(k)fluoranthene	1338	4.1	1310	48.24	98.4	40-140	1330	0.597	30	
Chrysene	1335	4.1	1310	107.7	93.7	40-140	1349	1.05	30	
Dibenzo(a,h)anthracene	1136	4.1	1310	8.751	86	40-140	1143	0.639	30	
Fluoranthene	1555	4.1	1310	215.8	102	40-140	1562	0.445	30	
Fluorene	1169	4.1	1310	6.148	88.7	40-140	1157	0.954	30	
Indeno(1,2,3-cd)pyrene	1126	4.1	1310	66.94	80.8	40-140	1131	0.517	30	
Naphthalene	1273	4.1	1310	0	97.1	40-140	1267	0.476	30	
Pyrene	1139	4.1	1310	169.5	74	40-140	1169	2.57	30	
Surr: 2-Fluorobiphenyl	3439	0	3277	0	105	20-140	3416	0.672	30	
Surr: 4-Terphenyl-d14	2723	0	3277	0	83.1	22-172	2692	1.15	30	
Surr: Nitrobenzene-d5	2345	0	3277	0	71.6	28-140	2417	3.03	30	

The following samples were analyzed in this batch:

21071613-01A

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

Client: Entrada Consulting Group
 Work Order: 21071613
 Project: Fee122X Spill Resampling

QC BATCH REPORT

Batch ID: **180591** Instrument ID **VMS8** Method: **SW8260C**

Sample ID: MBLK-180591-180591				Units: µg/Kg-dry			Analysis Date: 7/21/2021 12:41 PM			
Client ID:		Run ID: VMS8_210721A			SeqNo: 7599131		Prep Date: 7/21/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	30								
Ethylbenzene	U	30								
m,p-Xylene	U	60								
o-Xylene	U	30								
Toluene	U	30								
Xylenes, Total	U	90								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>1048</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>105</i>	<i>70-130</i>		<i>0</i>		
<i>Surr: 4-Bromofluorobenzene</i>	<i>1028</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>103</i>	<i>70-130</i>		<i>0</i>		
<i>Surr: Dibromofluoromethane</i>	<i>1025</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>102</i>	<i>70-130</i>		<i>0</i>		
<i>Surr: Toluene-d8</i>	<i>991.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>99.2</i>	<i>70-130</i>		<i>0</i>		

LCS				Sample ID: LCS-180591-180591				Units: µg/Kg-dry		Analysis Date: 7/21/2021 11:52 AM	
Client ID:			Run ID: VMS8_210721A			SeqNo: 7599129		Prep Date: 7/21/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	1133	30	1000	0	113	75-125	0				
Ethylbenzene	1070	30	1000	0	107	75-125	0				
m,p-Xylene	2138	60	2000	0	107	80-125	0				
o-Xylene	1051	30	1000	0	105	75-125	0				
Toluene	1048	30	1000	0	105	70-125	0				
Xylenes, Total	3189	90	3000	0	106	75-125	0				
Surr: 1,2-Dichloroethane-d4	984	0	1000	0	98.4	70-130	0				
Surr: 4-Bromofluorobenzene	994	0	1000	0	99.4	70-130	0				
Surr: Dibromofluoromethane	1000	0	1000	0	100	70-130	0				
Surr: Toluene-d8	990.5	0	1000	0	99	70-130	0				

MS				Sample ID: 21071613-01A MS			Units: µg/Kg-dry		Analysis Date: 7/21/2021 07:25 PM		
Client ID: FEE122X-SS1			Run ID: VMS8_210721A			SeqNo: 7599154		Prep Date: 7/21/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	1014	30	985.2	0	103	75-125	0			HHH	
Ethylbenzene	940.4	30	985.2	0	95.4	75-125	0			HHH	
m,p-Xylene	1894	59	1970	0	96.1	80-125	0			HHH	
o-Xylene	929.6	30	985.2	0	94.4	75-125	0			HHH	
Toluene	917.7	30	985.2	5.419	92.6	70-125	0			HHH	
Xylenes, Total	2823	89	2956	0	95.5	75-125	0			HHH	
Surr: 1,2-Dichloroethane-d4	994.6	0	985.2	0	101	70-130	0				
Surr: 4-Bromofluorobenzene	1009	0	985.2	0	102	70-130	0				
Surr: Dibromofluoromethane	1007	0	985.2	0	102	70-130	0				
Surr: Toluene-d8	958.1	0	985.2	0	97.2	70-130	0				

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

Client: Entrada Consulting Group
 Work Order: 21071613
 Project: Fee122X Spill Resampling

QC BATCH REPORT

Batch ID: **180591** Instrument ID **VMS8** Method: **SW8260C**

MSD				Sample ID: 21071613-01A MSD			Units: µg/Kg-dry		Analysis Date: 7/21/2021 07:41 PM	
Client ID: FEE122X-SS1				Run ID: VMS8_210721A			SeqNo: 7599155		Prep Date: 7/21/2021	
									DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1007	30	985.2	0	102	75-125	1014	0.682	30	HHH
Ethylbenzene	952.2	30	985.2	0	96.6	75-125	940.4	1.25	30	HHH
m,p-Xylene	1917	59	1970	0	97.3	80-125	1894	1.22	30	HHH
o-Xylene	944.3	30	985.2	0	95.8	75-125	929.6	1.58	30	HHH
Toluene	930	30	985.2	5.419	93.9	70-125	917.7	1.33	30	HHH
Xylenes, Total	2861	89	2956	0	96.8	75-125	2823	1.33	30	HHH
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>1008</i>	<i>0</i>	<i>985.2</i>	<i>0</i>	<i>102</i>	<i>70-130</i>	<i>994.6</i>	<i>1.33</i>	<i>30</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>978.8</i>	<i>0</i>	<i>985.2</i>	<i>0</i>	<i>99.3</i>	<i>70-130</i>	<i>1009</i>	<i>3.07</i>	<i>30</i>	
<i>Surr: Dibromofluoromethane</i>	<i>991.6</i>	<i>0</i>	<i>985.2</i>	<i>0</i>	<i>101</i>	<i>70-130</i>	<i>1007</i>	<i>1.53</i>	<i>30</i>	
<i>Surr: Toluene-d8</i>	<i>963.1</i>	<i>0</i>	<i>985.2</i>	<i>0</i>	<i>97.8</i>	<i>70-130</i>	<i>958.1</i>	<i>0.513</i>	<i>30</i>	

The following samples were analyzed in this batch:

21071613-01A

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

Client: Entrada Consulting Group
Work Order: 21071613
Project: Fee122X Spill Resampling

QC BATCH REPORT

Batch ID: **180567** Instrument ID **WETCHEM** Method: **SW9045D**

LCS				Sample ID: LCS-180567-180567				Units: s.u.		Analysis Date: 7/21/2021 11:45 AM			
Client ID:				Run ID: WETCHEM_210721G				SeqNo: 7596954		Prep Date: 7/20/2021		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
pH		4	0.10	4	0	100	90-110	0					

DUP				Sample ID: 21071544-01A DUP				Units: s.u.		Analysis Date: 7/21/2021 11:45 AM			
Client ID:				Run ID: WETCHEM_210721G				SeqNo: 7596962		Prep Date: 7/20/2021		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
pH		7.87	0.10	0	0	0	0-0	7.82	0.637	20			
Temperature		20.2	0.10	0	0	0		20.3	0.494				

The following samples were analyzed in this batch:

21071613-01A

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

Client: Entrada Consulting Group
 Work Order: 21071613
 Project: Fee122X Spill Resampling

QC BATCH REPORT

Batch ID: **180740** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK		Sample ID: MBLK-180740-180740				Units: mg/Kg		Analysis Date: 7/22/2021 04:47 PM		
Client ID:		Run ID: WETCHEM_210722N				SeqNo: 7603107		Prep Date: 7/22/2021		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-180740-180740				Units: mg/Kg		Analysis Date: 7/22/2021 04:47 PM		
Client ID:		Run ID: WETCHEM_210722N				SeqNo: 7603108		Prep Date: 7/22/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 4.38 1.0 5 0 87.6 80-120 0

MS		Sample ID: 21071544-01A MS				Units: mg/Kg		Analysis Date: 7/22/2021 04:47 PM		
Client ID:		Run ID: WETCHEM_210722N				SeqNo: 7603117		Prep Date: 7/22/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 4.01 1.0 5 0.54 69.4 75-125 0 S

MS		Sample ID: 21071544-01A MSI				Units: mg/Kg		Analysis Date: 7/22/2021 04:47 PM		
Client ID:		Run ID: WETCHEM_210722N				SeqNo: 7603119		Prep Date: 7/22/2021		DF: 100
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 2035 100 2156 0.54 94.4 75-125 0

MSD		Sample ID: 21071544-01A MSD				Units: mg/Kg		Analysis Date: 7/22/2021 04:47 PM		
Client ID:		Run ID: WETCHEM_210722N				SeqNo: 7603118		Prep Date: 7/22/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 4.13 1.0 5 0.54 71.8 75-125 4.01 2.95 20 S

The following samples were analyzed in this batch:

21071613-01A	21071613-02A
--------------	--------------

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

Client: Entrada Consulting Group
Work Order: 21071613
Project: Fee122X Spill Resampling

QC BATCH REPORT

Batch ID: **180746** Instrument ID **WETCHEM** Method: **USDA H60 Method**

DUP		Sample ID: 21071542-02A DUP				Units: mmhos/cm @25°		Analysis Date: 7/23/2021 01:05 PM		
Client ID:		Run ID: WETCHEM_210723F		SeqNo: 7604894		Prep Date: 7/23/2021		DF: 20		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturation	1.934	0.10	0	0	0		1.824	5.85	50	

The following samples were analyzed in this batch:

21071613-01B

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

Client: Entrada Consulting Group
 Work Order: 21071613
 Project: Fee122X Spill Resampling

QC BATCH REPORT

Batch ID: **R322681** Instrument ID **MOIST** Method: **SW3550C**

MBLK		Sample ID: WBLKS-R322681				Units: % of sample		Analysis Date: 7/22/2021 11:03 AM		
Client ID:		Run ID: MOIST_210722A				SeqNo: 7603394		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-R322681				Units: % of sample		Analysis Date: 7/22/2021 11:03 AM		
Client ID:		Run ID: MOIST_210722A				SeqNo: 7603393		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	99.99	0.10	100	0	100	98-102	0			

DUP		Sample ID: 21071223-18B DUP				Units: % of sample		Analysis Date: 7/22/2021 11:03 AM		
Client ID:		Run ID: MOIST_210722A				SeqNo: 7603378		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	10.4	0.10	0	0	0	0-0	10.57	1.62	10	

DUP		Sample ID: 21071544-01A DUP				Units: % of sample		Analysis Date: 7/22/2021 11:03 AM		
Client ID:		Run ID: MOIST_210722A				SeqNo: 7603390		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	1.61	0.10	0	0	0	0-0	1.62	0.619	10	

The following samples were analyzed in this batch:

21071613-01A 21071613-02A

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



Environmental

Chain of Custody Form

Page 1 of 1

COC ID: 123456

☐ Cincinnati, OH
+1 513 733 5336

☐ Everett, WA
+1 425 356 2600

☐ Fort Collins, CO
+1 970 490 1511

☒ Holland, MI
+1 616 399 6070

☐ Houston, TX
+1 281 530 5656

☐ Middletown, PA
+1 717 944 5541

☐ Salt Lake City, UT
+1 801 266 7700

☐ Spring City, PA
+1 610 948 4903

☐ York, PA
+1 717 505 5280

ALS Project Manager:

Work Order #:

21071613

Customer Information		Project Information					Parameter/Method Request for Analysis												
Purchase Order		Project Name	Fee122X Spill Resampling				A TPH (GRO & DRO)												
Work Order		Project Number	018-065				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, Suite C	Address					E Sodium Adsorption Ratio												
City/State/Zip	Grand Junction, CO 81501	City/State/Zip					F pH												
Phone	970.270.2986	Phone					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	FEE122X-SS1	7/15/21	1045	Soil	8	2	X	X	X	X	X	X	X						
2	FEE122X-BG1	7/15/21	1100	Soil	8	1								X					
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Sampler(s): Please Print & Sign		Shipment Method:		Required Turnaround Time:		Results Due Date:	
Jason McLarty		FedEx		<input type="checkbox"/> STD 10 Wk Days <input checked="" type="checkbox"/> 5 Wk Days <input checked="" type="checkbox"/> 2 Wk Days <input type="checkbox"/> 24 Hour			
Relinquished by:	Date:	Time:	Received by:	Notes:			
<i>[Signature]</i>	7/16/21		<i>[Signature]</i>	Chevron Pricing Applies - Per Bruce Schlatter			
Relinquished by:	Date:	Time:	Received by (Laboratory):	Cooler Temp.			
<i>[Signature]</i>	7/17/21	1000	<i>[Signature]</i>	<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:			
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):				
DFS	7/20/21	1630	<i>[Signature]</i>				
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: **17-Jul-21 10:00**

Work Order: **21071613**

Received by: **DS**

Checklist completed by **Diane Shaw**

20-Jul-21

Reviewed by: **Chad Whelton**

21-Jul-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): **5.0/5.0 c** **IR1**

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage: **7/20/2021 4:32:16 PM**

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: