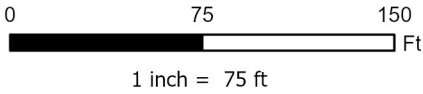




Legend

● Soil Sample Location ● Spill Origin  Spill Area



Project No: 018-065	SB Lacy 2AX Spill Chevron USA, Inc. Rio Blanco County, Colorado NWSW Sec 24 T2S R103W	 ENTRADA CONSULTING GROUP	330 Grand Avenue, Unit C Grand Junction, CO 81501 970-549-1015	Figure
Map By: NDB				1
Date: 4/7/2021				

Table 1
SB Lacy 2AX Spill
Soil Data Summary

SAMPLE SUMMARY	
Location Description	SB Lacy 2AX Spill
Sample Type	Soil

LABORATORY DATA SUMMARY				
Sample ID	SBL 2AX-SS1	SBL 2AX-BG1	COGCC TABLE 915-1 CONCENTRATION LEVELS	UNITS
Depth	0-6"	0-6"		
Sample Date	3/18/2021	3/18/2021		
Analytical Parameters				
TPH				
TPH (C6-C10)	<2.6	NT	500	mg/kg
TPH (C10-C36)	18 J	NT		
Volatile Organic Compounds				
1,2,4-Trimethylbenzene	<0.027	NT		mg/kg
1,3,5-Trimethylbenzene	<0.044	NT		mg/kg
Benzene	<0.018	NT	0.17	mg/kg
Toluene	<0.010	NT	85	mg/kg
Ethylbenzene	<0.0079	NT	100	mg/kg
Total Xylene	<0.050	NT	175	mg/kg
Metals				
Arsenic	5.8	5.5	0.39	mg/kg
Barium	410	850	15,000	mg/kg
Cadmium	0.21	0.17	70	mg/kg
Copper	13	12.0	3,100	mg/kg
Chromium, Hexavalent	<1.0	<1.0	0.3	mg/kg
Lead	25	17	400	mg/kg
Nickel	15	16	1,600	mg/kg
Selenium	1.6	0.73	390	mg/kg
Silver	0.065 J	0.082 J	390	mg/kg
Zinc	63	66	23,000	mg/kg
Soil Suitability for Reclamation				
Sodium Adsorption Ratio (SAR)	50	0.19	<6	ratio
Electrical Conductivity (EC)	21	0.44	<4	mmhos/cm
pH	9.39	9.79	6 - 8.3	su
Boron, Hot Water Soluble	1.6 B	2.0 B	2	mg/l
Polynuclear Aromatic Hyrdrocarbons				
1-Methylnaphthalene	<0.0029	NT	998	mg/kg
2-Methylnaphthalene	<0.0034	NT	999	mg/kg
Acenaphthene	<0.0041	NT	1,000	mg/kg
Anthracene	<0.0043	NT	1,000	mg/kg
Benzo(a)anthracene	<0.0047	NT	0.22	mg/kg
Benzo(a)pyrene	<0.0039	NT	0.022	mg/kg
Benzo(b)fluoranthene	<0.0041	NT	0.22	mg/kg
Benzo(k)fluoranthene	<0.0039	NT	2.2	mg/kg
Chrysene	<0.0044	NT	22	mg/kg
Dibenzo(a,h)anthracene	<0.0039	NT	0.022	mg/kg
Fluoranthene	<0.0038	NT	1,000	mg/kg
Fluorene	<0.0038	NT	1,000	mg/kg
Indeno(1,2,3-cd)pyrene	<0.0042	NT	0.22	mg/kg
Napthalene	<0.0047	NT	23	mg/kg
Pyrene	<0.0046	NT	1,000	mg/kg

mg/kg - milligrams per kilogram

mg/L - milligrams per liter

B - analyte detected in the associated Method Blank above the Reporting Limit

J - indicates an estimated value

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



31-Mar-2021

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

Re: **SB Lacy 2AX Spill**

Work Order: **21032119**

Dear Tim,

ALS Environmental received 2 samples on 20-Mar-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 20.

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

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

Sincerely,

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

Electronically approved by: Chad Whelton

Chad Whelton
Project Manager

Report of Laboratory Analysis

Certificate No: MN 026-999-449

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

Environmental 

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: Entrada Consulting Group
Project: SB Lacy 2AX Spill
Work Order: 21032119

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>
21032119-01	SBL 2AX-SS1	Soil		3/18/2021 13:00	3/20/2021 10:00	<input type="checkbox"/>
21032119-02	SBL 2AX-BG1	Soil		3/18/2021 13:15	3/20/2021 10:00	<input type="checkbox"/>

Client: Entrada Consulting Group
Project: SB Lacy 2AX Spill
Work Order: 21032119

Case Narrative

Batch 174110, Method SW6020B, Sample SBL 2AX-SS1 (21032119-01A): The concentration in the Method Blank was greater than the quantitation limit for boron. The sample result was greater than 10x the concentration in the Method Blank; therefore, no qualification is required.

Batch 174110, Method SW6020B, Sample SBL 2AX-BG1 (21032119-02A): The concentration in the Method Blank was greater than the quantitation limit for boron. The sample result was greater than 10x the concentration in the Method Blank; therefore, no qualification is required.

Batch 174094, Method SW6020B, Sample 21032119-02A MS/MSD: The MS/MSD recoveries were outside of the control limits for barium and zinc; however, the results in the parent sample are 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-dry	Milligrams per Kilogram Dry Weight
mg/L	Milligrams per Liter
mmhos/cm @25°C	Millimhos-Centimeter at 25 Degrees Celcius
none	

ALS Group, USA

Date: 31-Mar-21

Client: Entrada Consulting Group
Project: SB Lacy 2AX Spill
Sample ID: SBL 2AX-SS1
Collection Date: 3/18/2021 01:00 PM

Work Order: 21032119
Lab ID: 21032119-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015D		Prep: SW3550 / 3/25/21		Analyst: AK
ERO (C10-C36)	18	J	9.0	24	mg/Kg-dry	1	3/27/2021 23:50
Surr: 4-Terphenyl-d14	74.8			33-111	%REC	1	3/27/2021 23:50
GASOLINE RANGE ORGANICS BY GC-FID							
			Method: SW8015D		Prep: SW5035 / 3/24/21		Analyst: AK
GRO (C6-C10)	U		2.6	6.2	mg/Kg-dry	1	3/27/2021 05:22
Surr: Toluene-d8	116			71-123	%REC	1	3/27/2021 05:22
METALS BY ICP-MS							
			Method: SW6020B		Prep: SW3050B / 3/26/21		Analyst: STP
Arsenic	5.8		0.046	0.39	mg/Kg-dry	1	3/26/2021 22:07
Barium	410		3.6	3.9	mg/Kg-dry	10	3/29/2021 16:08
Cadmium	0.21		0.023	0.15	mg/Kg-dry	1	3/29/2021 16:29
Copper	13		0.39	0.39	mg/Kg-dry	1	3/26/2021 22:07
Lead	25		0.19	0.39	mg/Kg-dry	1	3/26/2021 22:07
Nickel	15		0.20	0.39	mg/Kg-dry	1	3/26/2021 22:07
Selenium	1.6		0.36	0.39	mg/Kg-dry	1	3/30/2021 13:35
Silver	0.065	J	0.051	0.39	mg/Kg-dry	1	3/26/2021 22:07
Zinc	63		0.76	0.77	mg/Kg-dry	1	3/26/2021 22:07
SOLUBLE CATIONS FOR SAR							
			Method: SW6020B		Prep: USDA Method 20B / 3/29/21		Analyst: STP
Calcium	430		2.5	5.0	mg/L	10	3/29/2021 18:11
Magnesium	43		0.50	2.0	mg/L	10	3/29/2021 18:11
Sodium	4,000		18	20	mg/L	100	3/30/2021 13:52
HOT WATER SOLUBLE BORON BY ICP-MS							
			Method: SW6020B		Prep: EXTRACT / 3/26/21		Analyst: STP
Boron (Hot Water Soluble)	1.6	B	0.019	0.48	mg/Kg-dry	10	3/26/2021 20:17
SODIUM ADSORPTION RATIO							
			Method: USDA H60 METHOD 2		Prep: USDA Method 20B / 3/29/21		Analyst: STP
Sodium Adsorption Ratio	50		0.010	0.010	none	1	3/29/2021
POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)							
			Method: SW8270E		Prep: SW3546 / 3/24/21		Analyst: EEW
1-Methylnaphthalene	U		0.0029	0.0048	mg/Kg-dry	1	3/25/2021 18:39
2-Methylnaphthalene	U		0.0034	0.0048	mg/Kg-dry	1	3/25/2021 18:39
Acenaphthene	U		0.0041	0.0048	mg/Kg-dry	1	3/25/2021 18:39
Anthracene	U		0.0043	0.0048	mg/Kg-dry	1	3/25/2021 18:39
Benzo(a)anthracene	U		0.0047	0.0048	mg/Kg-dry	1	3/25/2021 18:39
Benzo(a)pyrene	U		0.0039	0.0048	mg/Kg-dry	1	3/25/2021 18:39
Benzo(b)fluoranthene	U		0.0041	0.0048	mg/Kg-dry	1	3/25/2021 18:39
Benzo(k)fluoranthene	U		0.0039	0.0048	mg/Kg-dry	1	3/25/2021 18:39
Chrysene	U		0.0044	0.0048	mg/Kg-dry	1	3/25/2021 18:39
Dibenzo(a,h)anthracene	U		0.0039	0.0048	mg/Kg-dry	1	3/25/2021 18:39

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

ALS Group, USA

Date: 31-Mar-21

Client: Entrada Consulting Group
Project: SB Lacy 2AX Spill
Sample ID: SBL 2AX-SS1
Collection Date: 3/18/2021 01:00 PM

Work Order: 21032119
Lab ID: 21032119-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Fluoranthene	U		0.0038	0.0048	mg/Kg-dry	1	3/25/2021 18:39
Fluorene	U		0.0038	0.0048	mg/Kg-dry	1	3/25/2021 18:39
Indeno(1,2,3-cd)pyrene	U		0.0042	0.0048	mg/Kg-dry	1	3/25/2021 18:39
Naphthalene	U		0.0047	0.0048	mg/Kg-dry	1	3/25/2021 18:39
Pyrene	U		0.0046	0.0048	mg/Kg-dry	1	3/25/2021 18:39
Surr: 2-Fluorobiphenyl	64.1			20-140	%REC	1	3/25/2021 18:39
Surr: 4-Terphenyl-d14	67.6			22-172	%REC	1	3/25/2021 18:39
Surr: Nitrobenzene-d5	77.9			28-140	%REC	1	3/25/2021 18:39
VOLATILE ORGANIC COMPOUNDS			Method: SW8260C		Prep: SW5035 / 3/24/21		Analyst: DMC
1,2,4-Trimethylbenzene	U		0.027	0.037	mg/Kg-dry	1	3/31/2021 06:44
1,3,5-Trimethylbenzene	U		0.044	0.12	mg/Kg-dry	1	3/31/2021 06:44
Benzene	U		0.018	0.037	mg/Kg-dry	1	3/31/2021 06:44
Ethylbenzene	U		0.0079	0.037	mg/Kg-dry	1	3/31/2021 06:44
m,p-Xylene	U		0.050	0.075	mg/Kg-dry	1	3/31/2021 06:44
o-Xylene	U		0.014	0.037	mg/Kg-dry	1	3/31/2021 06:44
Toluene	U		0.010	0.037	mg/Kg-dry	1	3/31/2021 06:44
Xylenes, Total	U		0.050	0.11	mg/Kg-dry	1	3/31/2021 06:44
Surr: 1,2-Dichloroethane-d4	96.8			70-130	%REC	1	3/31/2021 06:44
Surr: 4-Bromofluorobenzene	99.2			70-130	%REC	1	3/31/2021 06:44
Surr: Dibromofluoromethane	103			70-130	%REC	1	3/31/2021 06:44
Surr: Toluene-d8	105			70-130	%REC	1	3/31/2021 06:44
ELECTRICAL CONDUCTIVITY (SAR)			Method: USDA H60 METHOD 2		Prep: USDA Method 20B / 3/29/21		Analyst: QTN
Electrical Conductivity @ Saturation	21		0.011	0.10	mmhos/cm @25°	20	3/29/2021 13:02
CHROMIUM, HEXAVALENT			Method: SW7196A		Prep: SW3060A / 3/25/21		Analyst: KTP
Chromium, Hexavalent	U		1.0	1.2	mg/Kg-dry	1	3/25/2021 15:03
MOISTURE			Method: SW3550C				Analyst: KTP
Moisture	17		0.10	0.10	% of sample	1	3/25/2021 13:44
PH MEASURED IN SOIL PASTE			Method: USDA METHOD 20B		Prep: USDA Method 20B / 3/29/21		Analyst: QTN
pH @ Saturation	9.39		0.12	0.12	s.u.-dry	1	3/29/2021 13:15

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

ALS Group, USA

Date: 31-Mar-21

Client: Entrada Consulting Group
Project: SB Lacy 2AX Spill
Sample ID: SBL 2AX-BG1
Collection Date: 3/18/2021 01:15 PM

Work Order: 21032119
Lab ID: 21032119-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS							
			Method: SW6020B		Prep: SW3050B / 3/26/21		Analyst: STP
Arsenic	5.5		0.046	0.38	mg/Kg-dry	1	3/26/2021 22:09
Barium	850		3.5	3.8	mg/Kg-dry	10	3/29/2021 16:10
Cadmium	0.17		0.023	0.15	mg/Kg-dry	1	3/29/2021 16:30
Copper	12		0.38	0.38	mg/Kg-dry	1	3/26/2021 22:09
Lead	17		0.18	0.38	mg/Kg-dry	1	3/26/2021 22:09
Nickel	16		0.20	0.38	mg/Kg-dry	1	3/26/2021 22:09
Selenium	0.73		0.35	0.38	mg/Kg-dry	1	3/30/2021 13:37
Silver	0.082	J	0.050	0.38	mg/Kg-dry	1	3/26/2021 22:09
Zinc	66		0.75	0.76	mg/Kg-dry	1	3/26/2021 22:09
SOLUBLE CATIONS FOR SAR							
			Method: SW6020B		Prep: USDA Method 20B / 3/29/21		Analyst: STP
Calcium	110		2.5	5.0	mg/L	10	3/29/2021 18:13
Magnesium	9.0		0.50	2.0	mg/L	10	3/29/2021 18:13
Sodium	7.5		1.8	2.0	mg/L	10	3/29/2021 18:13
HOT WATER SOLUBLE BORON BY ICP-MS							
			Method: SW6020B		Prep: EXTRACT / 3/26/21		Analyst: STP
Boron (Hot Water Soluble)	2.0	B	0.019	0.48	mg/Kg-dry	10	3/26/2021 20:18
SODIUM ADSORPTION RATIO							
			Method: USDA H60 METHOD 2		Prep: USDA Method 20B / 3/29/21		Analyst: STP
Sodium Adsorption Ratio	0.19		0.010	0.010	none	1	3/29/2021
ELECTRICAL CONDUCTIVITY (SAR)							
			Method: USDA H60 METHOD 2		Prep: USDA Method 20B / 3/29/21		Analyst: QTN
Electrical Conductivity @ Saturation	0.44		0.011	0.10	mmhos/cm @25°	20	3/29/2021 13:02
CHROMIUM, HEXAVALENT							
			Method: SW7196A		Prep: SW3060A / 3/25/21		Analyst: KTP
Chromium, Hexavalent	U		1.0	1.2	mg/Kg-dry	1	3/25/2021 15:03
MOISTURE							
			Method: SW3550C				Analyst: KTP
Moisture	18		0.10	0.10	% of sample	1	3/25/2021 13:44
PH MEASURED IN SOIL PASTE							
			Method: USDA METHOD 20B		Prep: USDA Method 20B / 3/29/21		Analyst: QTN
pH @ Saturation	9.79		0.12	0.12	s.u.-dry	1	3/29/2021 13:15

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

Client: Entrada Consulting Group
Work Order: 21032119
Project: SB Lacy 2AX Spill

QC BATCH REPORT

Batch ID: **174049** Instrument ID **GC8** Method: **SW8015D**

MBLK				Sample ID: DBLKS1-174049-174049		Units: mg/Kg		Analysis Date: 3/27/2021 06:46 AM		
Client ID:		Run ID: GC8_210326D		SeqNo: 7257026		Prep Date: 3/25/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
ERO (C10-C36)	13.8	20								J
<i>Surr: 4-Terphenyl-d14</i>	2.375	0	3.33	0	71.3	33-111	0			

LCS				Sample ID: DLCSS1-174049-174049		Units: mg/Kg		Analysis Date: 3/27/2021 07:25 AM		
Client ID:		Run ID: GC8_210326D		SeqNo: 7257027		Prep Date: 3/25/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
ERO (C10-C36)	589.2	20	667	0	88.3	51-130	0			
<i>Surr: 4-Terphenyl-d14</i>	2.244	0	3.33	0	67.4	33-111	0			

MS				Sample ID: 21031897-05A MS		Units: mg/Kg		Analysis Date: 3/27/2021 08:05 AM		
Client ID:		Run ID: GC8_210326D		SeqNo: 7257028		Prep Date: 3/25/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
ERO (C10-C36)	805.4	20	660.2	0	122	51-130	0			
<i>Surr: 4-Terphenyl-d14</i>	2.136	0	3.296	0	64.8	33-111	0			

MSD				Sample ID: 21031897-05A MSD		Units: mg/Kg		Analysis Date: 3/27/2021 08:44 AM		
Client ID:		Run ID: GC8_210326D		SeqNo: 7257029		Prep Date: 3/25/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
ERO (C10-C36)	771.1	20	658.9	0	117	51-130	805.4	4.35	30	
<i>Surr: 4-Terphenyl-d14</i>	2.188	0	3.29	0	66.5	33-111	2.136	2.39	30	

The following samples were analyzed in this batch:

21032119-01A

Client: Entrada Consulting Group
 Work Order: 21032119
 Project: SB Lacy 2AX Spill

QC BATCH REPORT

Batch ID: **174003** Instrument ID **GC9** Method: **SW8015D**

MBLK		Sample ID: MBLK-174003-174003				Units: µg/Kg-dry		Analysis Date: 3/27/2021 12:01 AM		
Client ID:		Run ID: GC9_210326B				SeqNo: 7256179		Prep Date: 3/24/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	U	5,000	0	0	0	0	0			
Surr: Toluene-d8	5862	0	5000	0	117	71-123	0			

LCS		Sample ID: LCS-174003-174003				Units: µg/Kg-dry		Analysis Date: 3/26/2021 10:51 PM		
Client ID:		Run ID: GC9_210326B				SeqNo: 7256213		Prep Date: 3/24/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	228600	5,000	250000	0	91.5	71-123	0			
Surr: Toluene-d8	5900	0	5000	0	118	71-123	0			

MS		Sample ID: 21032115-01A MS				Units: µg/Kg-dry		Analysis Date: 3/27/2021 02:41 AM		
Client ID:		Run ID: GC9_210326B				SeqNo: 7256186		Prep Date: 3/24/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	389000	7,900	393000	0	99	71-123	0			
Surr: Toluene-d8	8056	0	7859	0	102	71-123	0			

MSD		Sample ID: 21032115-01A MSD				Units: µg/Kg-dry		Analysis Date: 3/27/2021 03:04 AM		
Client ID:		Run ID: GC9_210326B				SeqNo: 7256187		Prep Date: 3/24/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	321000	7,900	394300	0	81.4	71-123	389000	19.1	30	
Surr: Toluene-d8	8928	0	7885	0	113	71-123	8056	10.3	30	

The following samples were analyzed in this batch:

21032119-01A

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

Client: Entrada Consulting Group
 Work Order: 21032119
 Project: SB Lacy 2AX Spill

QC BATCH REPORT

Batch ID: **174094** Instrument ID **ICPMS3** Method: **SW6020B**

MBLK Sample ID: MBLK-174094-174094				Units: mg/Kg		Analysis Date: 3/26/2021 09:25 PM				
Client ID:		Run ID: ICPMS3_210326B		SeqNo: 7254887		Prep Date: 3/26/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.25								
Barium	U	0.25								
Cadmium	U	0.10								
Copper	U	0.25								
Lead	U	0.25								
Nickel	U	0.25								
Selenium	U	0.25								
Silver	U	0.25								
Zinc	U	0.50								

LCS Sample ID: LCS-174094-174094				Units: mg/Kg		Analysis Date: 3/26/2021 09:26 PM				
Client ID:		Run ID: ICPMS3_210326B		SeqNo: 7254888		Prep Date: 3/26/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	5.107	0.25	5	0	102	80-120	0			
Barium	5.318	0.25	5	0	106	80-120	0			
Cadmium	4.952	0.10	5	0	99	80-120	0			
Copper	5.171	0.25	5	0	103	80-120	0			
Lead	5.217	0.25	5	0	104	80-120	0			
Nickel	5.201	0.25	5	0	104	80-120	0			
Selenium	5.128	0.25	5	0	103	80-120	0			
Silver	5.087	0.25	5	0	102	80-120	0			
Zinc	5.326	0.50	5	0	107	80-120	0			

MS Sample ID: 21032119-02AMS				Units: mg/Kg		Analysis Date: 3/26/2021 10:11 PM				
Client ID: SBL 2AX-BG1		Run ID: ICPMS3_210326B		SeqNo: 7254914		Prep Date: 3/26/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	10.12	0.32	6.369	4.508	88.1	75-125	0			
Copper	15.61	0.32	6.369	10.28	83.7	75-125	0			
Lead	21.23	0.32	6.369	14.16	111	75-125	0			
Nickel	18.87	0.32	6.369	13.23	88.5	75-125	0			
Silver	5.153	0.32	6.369	0.06713	79.8	75-125	0			
Zinc	60.74	0.64	6.369	53.91	107	75-125	0			O

MS Sample ID: 21032119-02AMS				Units: mg/Kg		Analysis Date: 3/29/2021 04:12 PM				
Client ID: SBL 2AX-BG1		Run ID: ICPMS3_210329B		SeqNo: 7258899		Prep Date: 3/26/2021		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	732.3	3.2	6.369	702	475	75-125	0			SO

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

Client: Entrada Consulting Group
Work Order: 21032119
Project: SB Lacy 2AX Spill

QC BATCH REPORT

Batch ID: **174094** Instrument ID **ICPMS3** Method: **SW6020B**

MS				Sample ID: 21032119-02AMS			Units: mg/Kg		Analysis Date: 3/29/2021 04:32 PM	
Client ID: SBL 2AX-BG1				Run ID: ICPMS3_210329B			SeqNo: 7258911		Prep Date: 3/26/2021	
									DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	5.274	0.13	6.369	0.138	80.6	75-125	0			
Selenium	5.74	0.32	6.369	0.6799	79.4	75-125	0			

MSD				Sample ID: 21032119-02AMSD			Units: mg/Kg		Analysis Date: 3/26/2021 10:13 PM	
Client ID: SBL 2AX-BG1				Run ID: ICPMS3_210326B			SeqNo: 7254915		Prep Date: 3/26/2021	
									DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	10.21	0.33	6.64	4.508	85.9	75-125	10.12	0.951	20	
Copper	15.44	0.33	6.64	10.28	77.7	75-125	15.61	1.13	20	
Lead	21.17	0.33	6.64	14.16	105	75-125	21.23	0.306	20	
Nickel	18.37	0.33	6.64	13.23	77.3	75-125	18.87	2.69	20	
Silver	5.397	0.33	6.64	0.06713	80.3	75-125	5.153	4.63	20	
Zinc	58.66	0.66	6.64	53.91	71.6	75-125	60.74	3.48	20	SO

MSD				Sample ID: 21032119-02AMSD			Units: mg/Kg		Analysis Date: 3/29/2021 04:13 PM	
Client ID: SBL 2AX-BG1				Run ID: ICPMS3_210329B			SeqNo: 7258900		Prep Date: 3/26/2021	
									DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Barium	835.4	3.3	6.64	702	2010	75-125	732.3	13.1	20	SO

MSD				Sample ID: 21032119-02AMSD			Units: mg/Kg		Analysis Date: 3/29/2021 04:34 PM	
Client ID: SBL 2AX-BG1				Run ID: ICPMS3_210329B			SeqNo: 7258912		Prep Date: 3/26/2021	
									DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cadmium	5.499	0.13	6.64	0.138	80.7	75-125	5.274	4.18	20	
Selenium	5.746	0.33	6.64	0.6799	76.3	75-125	5.74	0.106	20	

The following samples were analyzed in this batch:

21032119-01A 21032119-02A

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

Client: Entrada Consulting Group
Work Order: 21032119
Project: SB Lacy 2AX Spill

QC BATCH REPORT

Batch ID: **174110** Instrument ID **ICPMS3** Method: **SW6020B**

MBLK		Sample ID: MBLK-174110-174110				Units: mg/Kg		Analysis Date: 3/26/2021 07:54 PM		
Client ID:		Run ID: ICPMS3_210326B		SeqNo: 7255070		Prep Date: 3/26/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Boron (Hot Water Soluble)	0.07336	0.040								

LCS		Sample ID: LCS-174110-174110				Units: mg/Kg		Analysis Date: 3/26/2021 07:56 PM		
Client ID:		Run ID: ICPMS3_210326B		SeqNo: 7255071		Prep Date: 3/26/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Boron (Hot Water Soluble)	0.9819	0.040	1	0	98.2	80-120	0			B

The following samples were analyzed in this batch:

21032119-01A 21032119-02A

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

Client: Entrada Consulting Group
Work Order: 21032119
Project: SB Lacy 2AX Spill

QC BATCH REPORT

Batch ID: **174190** Instrument ID **ICPMS3** Method: **SW6020B**

DUP					Sample ID: 21032115-04BDUP		Units: mg/L		Analysis Date: 3/29/2021 06:03 PM		
Client ID:			Run ID: ICPMS3_210329A			SeqNo: 7258620		Prep Date: 3/29/2021		DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Calcium	78.7	5.0	0	0	0	0-0	79.12	0.532			
Magnesium	10.83	2.0	0	0	0	0-0	9.658	11.4			
Sodium	4.804	2.0	0	0	0	0-0	5.128	6.53			

The following samples were analyzed in this batch:

21032119-01A 21032119-01B 21032119-02A
 21032119-02B

Batch ID: **174190** Instrument ID **SAR** Method: **USDA H60 Method**

DUP				Sample ID: 21032115-04BDUP				Units: none		Analysis Date: 3/29/2021		
Client ID:			Run ID: SAR_210329A			SeqNo: 7261390		Prep Date: 3/29/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
Sodium Adsorption Ratio	0.1346	0.010	0	0	0		0.1448	7.32	50			

The following samples were analyzed in this batch:

21032119-01A 21032119-01B 21032119-02A
 21032119-02B

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

Client: Entrada Consulting Group
 Work Order: 21032119
 Project: SB Lacy 2AX Spill

QC BATCH REPORT

Batch ID: 173996 Instrument ID SVMS6 Method: SW8270E

MBLK				Sample ID: SBLKS1-173996-173996			Units: µg/Kg		Analysis Date: 3/25/2021 12:56 PM		
Client ID:			Run ID: SVMS6_210325A			SeqNo: 7251641		Prep Date: 3/24/2021		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1-Methylnaphthalene	U	4.2									
2-Methylnaphthalene	U	4.2									
Acenaphthene	U	4.2									
Anthracene	U	4.2									
Benzo(a)anthracene	U	4.2									
Benzo(a)pyrene	U	4.2									
Benzo(b)fluoranthene	U	4.2									
Benzo(k)fluoranthene	U	4.2									
Chrysene	U	4.2									
Dibenzo(a,h)anthracene	U	4.2									
Fluoranthene	U	4.2									
Fluorene	U	4.2									
Indeno(1,2,3-cd)pyrene	U	4.2									
Naphthalene	U	4.2									
Pyrene	U	4.2									
Surr: 2-Fluorobiphenyl	2339	0	3333	0	70.2	20-140		0			
Surr: 4-Terphenyl-d14	2845	0	3333	0	85.3	22-172		0			
Surr: Nitrobenzene-d5	2629	0	3333	0	78.9	28-140		0			

LCS				Sample ID: SLCSS1-173996-173996			Units: µg/Kg		Analysis Date: 3/25/2021 12:10 PM		
Client ID:		Run ID: SVMS6_210325A			SeqNo: 7251638		Prep Date: 3/24/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1-Methylnaphthalene	1132	4.2	1333	0	84.9	40-140	0				
2-Methylnaphthalene	1046	4.2	1333	0	78.5	40-140	0				
Acenaphthene	1060	4.2	1333	0	79.5	40-140	0				
Anthracene	1100	4.2	1333	0	82.5	40-140	0				
Benzo(a)anthracene	1103	4.2	1333	0	82.7	40-140	0				
Benzo(a)pyrene	1021	4.2	1333	0	76.6	40-140	0				
Benzo(b)fluoranthene	1130	4.2	1333	0	84.8	40-140	0				
Benzo(k)fluoranthene	1001	4.2	1333	0	75.1	40-140	0				
Chrysene	1074	4.2	1333	0	80.5	40-140	0				
Dibenzo(a,h)anthracene	1187	4.2	1333	0	89.1	40-140	0				
Fluoranthene	1075	4.2	1333	0	80.6	40-140	0				
Fluorene	1046	4.2	1333	0	78.5	40-140	0				
Indeno(1,2,3-cd)pyrene	1279	4.2	1333	0	96	40-140	0				
Naphthalene	1091	4.2	1333	0	81.9	40-140	0				
Pyrene	1108	4.2	1333	0	83.1	40-140	0				
Surr: 2-Fluorobiphenyl	2446	0	3333	0	73.4	20-140	0				
Surr: 4-Terphenyl-d14	2667	0	3333	0	80	22-172	0				
Surr: Nitrobenzene-d5	1842	0	3333	0	55.3	28-140	0				

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

Client: Entrada Consulting Group
 Work Order: 21032119
 Project: SB Lacy 2AX Spill

QC BATCH REPORT

Batch ID: 173996 Instrument ID SVMS6 Method: SW8270E

MS				Sample ID: 21031897-08A MS			Units: µg/Kg		Analysis Date: 3/25/2021 01:12 PM	
Client ID:		Run ID: SVMS6_210325A		SeqNo: 7251642		Prep Date: 3/24/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	1015	4.1	1315	0	77.2	40-140	0			
2-Methylnaphthalene	1172	4.1	1315	0	89.1	40-140	0			
Acenaphthene	1131	4.1	1315	0	86	40-140	0			
Anthracene	1118	4.1	1315	0	85	40-140	0			
Benzo(a)anthracene	992.5	4.1	1315	2.15	75.3	40-140	0			
Benzo(a)pyrene	826.7	4.1	1315	0	62.9	40-140	0			
Benzo(b)fluoranthene	902.3	4.1	1315	0	68.6	40-140	0			
Benzo(k)fluoranthene	896.8	4.1	1315	0	68.2	40-140	0			
Chrysene	978.6	4.1	1315	0	74.4	40-140	0			
Dibenzo(a,h)anthracene	918.6	4.1	1315	0	69.9	40-140	0			
Fluoranthene	996.1	4.1	1315	0	75.8	40-140	0			
Fluorene	1102	4.1	1315	0	83.9	40-140	0			
Indeno(1,2,3-cd)pyrene	920.4	4.1	1315	0	70	40-140	0			
Naphthalene	1157	4.1	1315	0	88	40-140	0			
Pyrene	1180	4.1	1315	4.397	89.5	40-140	0			
Surr: 2-Fluorobiphenyl	2338	0	3287	0	71.1	20-140	0			
Surr: 4-Terphenyl-d14	2778	0	3287	0	84.5	22-172	0			
Surr: Nitrobenzene-d5	2306	0	3287	0	70.2	28-140	0			

MSD				Sample ID: 21031897-08A MSD			Units: µg/Kg		Analysis Date: 3/25/2021 01:27 PM	
Client ID:		Run ID: SVMS6_210325A		SeqNo: 7251643		Prep Date: 3/24/2021		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	1021	4.1	1321	0	77.3	40-140	1015	0.547	30	
2-Methylnaphthalene	1143	4.1	1321	0	86.6	40-140	1172	2.45	30	
Acenaphthene	1118	4.1	1321	0	84.6	40-140	1131	1.17	30	
Anthracene	1102	4.1	1321	0	83.4	40-140	1118	1.43	30	
Benzo(a)anthracene	995.1	4.1	1321	2.15	75.2	40-140	992.5	0.259	30	
Benzo(a)pyrene	833.8	4.1	1321	0	63.1	40-140	826.7	0.848	30	
Benzo(b)fluoranthene	948.5	4.1	1321	0	71.8	40-140	902.3	5	30	
Benzo(k)fluoranthene	858.3	4.1	1321	0	65	40-140	896.8	4.38	30	
Chrysene	978	4.1	1321	0	74	40-140	978.6	0.0694	30	
Dibenzo(a,h)anthracene	933.1	4.1	1321	0	70.6	40-140	918.6	1.57	30	
Fluoranthene	983.9	4.1	1321	0	74.5	40-140	996.1	1.23	30	
Fluorene	1094	4.1	1321	0	82.8	40-140	1102	0.781	30	
Indeno(1,2,3-cd)pyrene	942.7	4.1	1321	0	71.4	40-140	920.4	2.4	30	
Naphthalene	1141	4.1	1321	0	86.4	40-140	1157	1.38	30	
Pyrene	1166	4.1	1321	4.397	87.9	40-140	1180	1.23	30	
Surr: 2-Fluorobiphenyl	2338	0	3303	0	70.8	20-140	2338	0.0381	30	
Surr: 4-Terphenyl-d14	2782	0	3303	0	84.2	22-172	2778	0.158	30	
Surr: Nitrobenzene-d5	2269	0	3303	0	68.7	28-140	2306	1.65	30	

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

Client: Entrada Consulting Group
Work Order: 21032119
Project: SB Lacy 2AX Spill

QC BATCH REPORT

Batch ID: **173996** Instrument ID **SVMS6** Method: **SW8270E**

The following samples were analyzed in this batch:

21032119-01A

Client: Entrada Consulting Group
 Work Order: 21032119
 Project: SB Lacy 2AX Spill

QC BATCH REPORT

Batch ID: **174086** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK		Sample ID: MBLK-174086-174086				Units: mg/Kg		Analysis Date: 3/25/2021 03:03 PM		
Client ID:		Run ID: WETCHEM_210325M				SeqNo: 7249194		Prep Date: 3/25/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent U 0.99

LCS		Sample ID: LCS-174086-174086				Units: mg/Kg		Analysis Date: 3/25/2021 03:03 PM		
Client ID:		Run ID: WETCHEM_210325M				SeqNo: 7249195		Prep Date: 3/25/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 4.098 0.98 4.902 0 83.6 80-120 0

MS		Sample ID: 21031949-01A MS				Units: mg/Kg		Analysis Date: 3/25/2021 03:03 PM		
Client ID:		Run ID: WETCHEM_210325M				SeqNo: 7249197		Prep Date: 3/25/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 3.03 1.0 5 -0.2451 65.5 75-125 0 S

MS		Sample ID: 21031949-01A MSI				Units: mg/Kg		Analysis Date: 3/25/2021 03:03 PM		
Client ID:		Run ID: WETCHEM_210325M				SeqNo: 7249199		Prep Date: 3/25/2021		DF: 100
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1351 99 1816 -0.2451 74.4 75-125 0 S

MSD		Sample ID: 21031949-01A MSD				Units: mg/Kg		Analysis Date: 3/25/2021 03:03 PM		
Client ID:		Run ID: WETCHEM_210325M				SeqNo: 7249198		Prep Date: 3/25/2021		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 2.01 0.98 4.902 -0.2451 46 75-125 3.03 40.5 20 SR

The following samples were analyzed in this batch:

21032119-01A 21032119-02A

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

Client: Entrada Consulting Group
Work Order: 21032119
Project: SB Lacy 2AX Spill

QC BATCH REPORT

Batch ID: **R312730** Instrument ID **MOIST** Method: **SW3550C**

MBLK		Sample ID: WBLKS-R312730				Units: % of sample		Analysis Date: 3/25/2021 01:44 PM		
Client ID:		Run ID: MOIST_210325D				SeqNo: 7252046		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-R312730				Units: % of sample		Analysis Date: 3/25/2021 01:44 PM		
Client ID:		Run ID: MOIST_210325D				SeqNo: 7252045		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: 21032119-01A DUP				Units: % of sample		Analysis Date: 3/25/2021 01:44 PM		
Client ID: SBL 2AX-SS1		Run ID: MOIST_210325D				SeqNo: 7252035		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	17.08	0.10	0	0	0	0-0	17.07	0.0586	10	

DUP		Sample ID: 21032119-02A DUP				Units: % of sample		Analysis Date: 3/25/2021 01:44 PM		
Client ID: SBL 2AX-BG1		Run ID: MOIST_210325D				SeqNo: 7252037		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	17.76	0.10	0	0	0	0-0	17.74	0.113	10	

The following samples were analyzed in this batch:

21032119-01A 21032119-02A

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

Chain of Custody Form

Page _____ of _____

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

ALS Project Manager:																		
ALS Work Order #: 21082119																		
Customer Information			Project Information			Parameter/Method Request for Analysis												
Purchase Order			Project Name	SB Lacy 2AX Spill		A	BTX, TMBs											
Work Order			Project Number	018-065		B	Table 915 PAHs											
Company Name	Entrada		Bill To Company	Entrada		C	Table 915 Metals											
Send Report To	tdobransky@entradainc.com		Invoice Attn.	Tim Dobranksy		D	Hot Water Soluble Boron											
Address	330 Grand Ave, Suite C		Address	330 Grand Ave, Suite C		E	GRO											
City/State/Zip	Grand Junction, CO 81501		City/State/Zip	Grand Junction, CO 81501		F	ERO											
Phone	970-270-2986		Phone	970-270-2986		G	SAR/EC/pH											
Fax			Fax			H	Arsenic Only											
e-Mail Address						I												
						J												
No.	Sample Description		Date	Time	Matrix	Pres. Key Numbers	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	SBL 2AX-SS1		3/18/2021	1300	Soil	8	2	X	X	X	X	X	X	X				
2	SBL 2AX-BG1		3/18/2021	1315	Soil	8	2			X	X			X				
Sampler(s): Please Print & Sign Jason McLarty	Shipment Method: <input type="checkbox"/> 10 BD <input checked="" type="checkbox"/> 5 BD <input type="checkbox"/> 3 BD <input type="checkbox"/> 2 BD <input type="checkbox"/> 1 BD		Turnaround Time: (Business Days) <input type="checkbox"/> Other _____		Results Due Date:													
Relinquished by: 	Date: 3/19/21	Time: 1500	Received by: 	Date: 3/19/21	Time: 1500	Notes:												
Relinquished by: 	Date: 3-19-21	Time: 1830	Received by (Laboratory): 	Date: 3/20/21	Time: 1000	ALS Cooler ID IRI	Cooler Temp 2.6°C	QC Package: (Check Box Below)										
Logged by (Laboratory): DFS						Checked by (Laboratory): 						<input type="checkbox"/> Level II: Standard QC <input type="checkbox"/> Level III: Raw Data						
												<input type="checkbox"/> TRRP LRC <input type="checkbox"/> TRRP Level IV						
												<input type="checkbox"/> Level IV: SW846 Methods/CLP like						
												<input type="checkbox"/> Other: _____						
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C Note: Any changes must be made in writing once																		

Sample Receipt Checklist

Client Name: **ENTRADA**

Date/Time Received: **20-Mar-21 10:00**

Work Order: **21032119**

Received by: **DS**

Checklist completed by **Diane Shaw**

22-Mar-21

Reviewed by: **Chad Whelton**

23-Mar-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): **2.6/2.6 c** **IR1**

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage: **3/22/2021 3:58:49 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: