



Received 12/1/14

REM: 8786

Doc# 2313273

25-Nov-2014

Jana Nilsen
InterTech
743 Horizon Court, Suite 110
Grand Junction, CO 81506

Re: **Maralex Resources Pit Closures 11.19.14**

Work Order: **14111037**

Dear Jana,

ALS Environmental received 2 samples on 20-Nov-2014 09:30 AM for the analyses presented in the following report.

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

Sample results are compliant with NELAP standard requirements and QC 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.

Sincerely,

A handwritten signature in cursive script that reads "Ann Preston".

Electronically approved by: Joseph Ribar

Ann Preston
Project Manager



Certificate No: MN 532786

Report of Laboratory Analysis

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Client: InterTech
Project: Maralex Resources Pit Closures 11.19.14
Work Order: 14111037

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>
14111037-01	Bear_Gulch_Federal_30_4_Pit	Soil		11/19/2014 09:40	11/20/2014 09:30	<input type="checkbox"/>
14111037-02	Bear_Gulch_Federal_30_4_BG	Soil		11/19/2014 09:58	11/20/2014 09:30	<input type="checkbox"/>

Client: InterTech
Project: Maralex Resources Pit Closures 11.19.14
Work Order: 14111037

Case Narrative**QC Summary****Metals by ICP-MS**

Batch 65303, Method 6020, Sample 14111078-01BMS: The MS/ MSD for Metals is not related to this project's samples. No qualification is required.

Semi-Volatile Organic Compounds

Batch 65292, Method 8270, Sample SLCSS1-65292: The LCS recovery was above the upper control limit. The sample related this project's samples were non-detect. No qualification is required for these compounds: Benzo(a)pyrene, Benzo(b)fluoranthene, and Benzo(k)fluoranthene

Batch 65292, Method 8270, Sample 14111083-03B MS: The MS/MSD data for SVOCs is not related to this project's samples. No qualification is required.

Hexavalent Chromium

Batch 65406, Method 7196, Sample 14111035-01B MSD: The MS/MSD data for Hexavalent Chromium is not related to this project's samples. No qualification is required.

ALS Group USA, Corp

Date: 25-Nov-14

Client: InterTech

Project: Maralex Resources Pit Closures 11.19.14

Work Order: 14111037

Sample ID: Bear_Gulch_Federal_30_4_Pit

Lab ID: 14111037-01

Collection Date: 11/19/2014 09:40 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
DRO (C10-C28)	36		SW8015M		Prep: SW3541 / 11/21/14	Analyst: IT
<i>Surr: 4-Terphenyl-d14</i>	<i>62.7</i>		<i>5.7</i>	<i>mg/Kg-dry</i>	<i>1</i>	11/21/2014 09:51 PM
			<i>39-133</i>	<i>%REC</i>	<i>1</i>	11/21/2014 09:51 PM
GASOLINE RANGE ORGANICS BY GC-FID						
GRO (C6-C10)	ND		SW8015		Prep: SW5035 / 11/21/14	Analyst: IT
<i>Surr: Toluene-d8</i>	<i>111</i>		<i>3.5</i>	<i>mg/Kg-dry</i>	<i>1</i>	11/21/2014 08:00 PM
			<i>50-150</i>	<i>%REC</i>	<i>1</i>	11/21/2014 08:00 PM
MERCURY BY CVAA						
Mercury	0.029		SW7471		Prep: SW7471 / 11/24/14	Analyst: LR
			0.019	mg/Kg-dry	1	11/24/2014 04:16 PM
SOLUBLE CATIONS FOR SAR						
			SW846 6010C		Prep: USDA Method 20B / 11/22/14	Analyst: JEC
Calcium	97		5.0	mg/L	10	11/23/2014 03:43 PM
Magnesium	17		2.0	mg/L	10	11/23/2014 03:43 PM
Sodium	14		2.0	mg/L	10	11/23/2014 03:43 PM
SODIUM ADSORPTION RATIO						
			USDA H60 METHO		Prep: USDA Method 20B / 11/22/14	Analyst: JEC
Exchangeable Sodium Percentage	ND		0.010	none	1	11/24/2014
Sodium Adsorption Ratio	0.35		0.010	none	1	11/24/2014
METALS BY ICP-MS						
			SW6020A		Prep: SW3050B / 11/21/14	Analyst: RH
Arsenic	4.7		2.2	mg/Kg-dry	4	11/23/2014 07:34 PM
Barium	520		2.2	mg/Kg-dry	4	11/23/2014 07:34 PM
Cadmium	ND		0.90	mg/Kg-dry	4	11/23/2014 07:34 PM
Chromium	21		2.2	mg/Kg-dry	4	11/23/2014 07:34 PM
Copper	23		2.2	mg/Kg-dry	4	11/23/2014 07:34 PM
Lead	23		2.2	mg/Kg-dry	4	11/23/2014 07:34 PM
Nickel	18		2.2	mg/Kg-dry	4	11/23/2014 07:34 PM
Selenium	3.0		2.2	mg/Kg-dry	4	11/23/2014 07:34 PM
Silver	ND		2.2	mg/Kg-dry	4	11/23/2014 07:34 PM
Zinc	130		4.5	mg/Kg-dry	4	11/23/2014 07:34 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW846 8270D		Prep: SW3541 / 11/21/14	Analyst: RS
Acenaphthene	ND		0.0092	mg/Kg-dry	1	11/22/2014 06:56 AM
Anthracene	ND		0.0092	mg/Kg-dry	1	11/22/2014 06:56 AM
Benzo(a)anthracene	ND		0.0092	mg/Kg-dry	1	11/22/2014 06:56 AM
Benzo(a)pyrene	ND		0.0092	mg/Kg-dry	1	11/22/2014 06:56 AM
Benzo(b)fluoranthene	ND		0.0092	mg/Kg-dry	1	11/22/2014 06:56 AM
Benzo(k)fluoranthene	ND		0.0092	mg/Kg-dry	1	11/22/2014 06:56 AM
Chrysene	ND		0.0092	mg/Kg-dry	1	11/22/2014 06:56 AM
Dibenzo(a,h)anthracene	ND		0.0092	mg/Kg-dry	1	11/22/2014 06:56 AM

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

ALS Group USA, Corp

Date: 25-Nov-14

Client: InterTech

Project: Maralex Resources Pit Closures 11.19.14

Work Order: 14111037

Sample ID: Bear_Gulch_Federal_30_4_Pit

Lab ID: 14111037-01

Collection Date: 11/19/2014 09:40 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluoranthene	ND		0.0092	mg/Kg-dry	1	11/22/2014 06:56 AM
Fluorene	ND		0.0092	mg/Kg-dry	1	11/22/2014 06:56 AM
Indeno(1,2,3-cd)pyrene	ND		0.0092	mg/Kg-dry	1	11/22/2014 06:56 AM
Naphthalene	ND		0.0092	mg/Kg-dry	1	11/22/2014 06:56 AM
Pyrene	ND		0.0092	mg/Kg-dry	1	11/22/2014 06:56 AM
Surr: 2-Fluorobiphenyl	72.2		12-100	%REC	1	11/22/2014 06:56 AM
Surr: 4-Terphenyl-d14	86.5		25-137	%REC	1	11/22/2014 06:56 AM
Surr: Nitrobenzene-d5	75.5		37-107	%REC	1	11/22/2014 06:56 AM
VOLATILE ORGANIC COMPOUNDS			SW8260B	Prep: SW5035 / 11/21/14		Analyst: AK
Benzene	ND		0.042	mg/Kg-dry	1	11/22/2014 08:46 AM
Ethylbenzene	ND		0.042	mg/Kg-dry	1	11/22/2014 08:46 AM
m,p-Xylene	ND		0.083	mg/Kg-dry	1	11/22/2014 08:46 AM
o-Xylene	ND		0.042	mg/Kg-dry	1	11/22/2014 08:46 AM
Toluene	ND		0.042	mg/Kg-dry	1	11/22/2014 08:46 AM
Xylenes, Total	ND		0.12	mg/Kg-dry	1	11/22/2014 08:46 AM
Surr: 1,2-Dichloroethane-d4	102		70-130	%REC	1	11/22/2014 08:46 AM
Surr: 4-Bromofluorobenzene	99.2		70-130	%REC	1	11/22/2014 08:46 AM
Surr: Dibromofluoromethane	99.0		70-130	%REC	1	11/22/2014 08:46 AM
Surr: Toluene-d8	97.8		70-130	%REC	1	11/22/2014 08:46 AM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO	Prep: USDA Method 20B / 11/22/14		Analyst: JB
Electrical Conductivity @ Saturation	0.84		0.25	mmhos/cm @2	50	11/24/2014 12:00 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	21		0.69	mg/Kg-dry	1	11/24/2014 04:40 PM
CHROMIUM, HEXAVALENT			SW7196A	Prep: SW3060A / 11/21/14		Analyst: MB
Chromium, Hexavalent	ND		0.69	mg/Kg-dry	1	11/24/2014 03:00 PM
MOISTURE			A2540 G			Analyst: EVB
Moisture	28		0.050	% of sample	1	11/21/2014 05:00 PM
PH			SW9045D	Prep: EXTRACT / 11/21/14		Analyst: AXL
pH	8.0			s.u.	1	11/21/2014 01:00 PM

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

ALS Group USA, Corp

Date: 25-Nov-14

Client: InterTech

Project: Maralex Resources Pit Closures 11.19.14

Work Order: 14111037

Sample ID: Bear_Gulch_Federal_30_4_BG

Lab ID: 14111037-02

Collection Date: 11/19/2014 09:58 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
SOLUBLE CATIONS FOR SAR			SW846 6010C		Prep: USDA Method 20B / 11/22/14	Analyst: JEC
Calcium	140		5.0	mg/L	10	11/23/2014 03:48 PM
Magnesium	26		2.0	mg/L	10	11/23/2014 03:48 PM
Sodium	11		2.0	mg/L	10	11/23/2014 03:48 PM
SODIUM ADSORPTION RATIO			USDA H60 METHO		Prep: USDA Method 20B / 11/22/14	Analyst: JEC
Exchangeable Sodium Percentage	ND		0.010	none	1	11/24/2014
Sodium Adsorption Ratio	0.22		0.010	none	1	11/24/2014
METALS BY ICP-MS			SW6020A		Prep: SW3050B / 11/21/14	Analyst: RH
Arsenic	4.7		2.0	mg/Kg-dry	4	11/23/2014 07:40 PM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO		Prep: USDA Method 20B / 11/22/14	Analyst: JB
Electrical Conductivity @ Saturation	1.2		0.050	mmhos/cm @2	10	11/24/2014 12:00 PM
MOISTURE			A2540 G			Analyst: EVB
Moisture	28		0.050	% of sample	1	11/21/2014 05:00 PM
PH			SW9045D		Prep: EXTRACT / 11/21/14	Analyst: AXL
pH	7.1			s.u.	1	11/21/2014 01:00 PM

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

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Not offered for accreditation
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

<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	
s.u.	Standard Units

Client: InterTech

Work Order: 14111037

Project: Maralex Resources Pit Closures 11.19.14

QC BATCH REPORT

Batch ID: 65293

Instrument ID GC8

Method: SW8015M

MBLK		Sample ID: DBLKS1-65293-65293				Units: mg/Kg		Analysis Date: 11/21/2014 04:48 PM		
Client ID:		Run ID: GC8_141121A				SeqNo: 3049731		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	ND	5.0								
<i>Surr: 4-Terphenyl-d14</i>	1.27	0	2	0	63.5	39-133	0			

LCS		Sample ID: DLCSS1-65293-65293				Units: mg/Kg		Analysis Date: 11/21/2014 05:16 PM		
Client ID:		Run ID: GC8_141121A				SeqNo: 3049733		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	194.9	5.0	200	0	97.4	61-109	0			
<i>Surr: 4-Terphenyl-d14</i>	1.343	0	2	0	67.2	39-133	0			

MS		Sample ID: 14111079-01A MS				Units: mg/Kg		Analysis Date: 11/21/2014 06:11 PM		
Client ID:		Run ID: GC8_141121A				SeqNo: 3049738		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	337.2	8.2	326.6	24.23	95.8	48-110	0			
<i>Surr: 4-Terphenyl-d14</i>	2.302	0	3.266	0	70.5	39-133	0			

MSD		Sample ID: 14111079-01A MSD				Units: mg/Kg		Analysis Date: 11/21/2014 06:38 PM		
Client ID:		Run ID: GC8_141121A				SeqNo: 3049740		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	315.3	8.0	319.7	24.23	91.1	48-110	337.2	6.7	30	
<i>Surr: 4-Terphenyl-d14</i>	2.271	0	3.197	0	71.1	39-133	2.302	1.35	30	

The following samples were analyzed in this batch:

14111037-01B

Client: InterTech
Work Order: 14111037
Project: Maralex Resources Pit Closures 11.19.14

QC BATCH REPORT

Batch ID: **65316** Instrument ID **GC9** Method: **SW8015**

MBLK		Sample ID: MBLK-65316-65316				Units: µg/Kg		Analysis Date: 11/21/2014 02:53 PM		
Client ID:		Run ID: GC9_141121A				SeqNo: 3049816		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

GRO (C6-C10)	ND	2,500								
Surr: Toluene-d8	5354	0	5000	0	107	50-150	0			

LCS		Sample ID: LCS-65316-65316				Units: µg/Kg		Analysis Date: 11/21/2014 02:28 PM		
Client ID:		Run ID: GC9_141121A				SeqNo: 3049814		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

GRO (C6-C10)	410100	2,500	500000	0	82	70-130	0			
Surr: Toluene-d8	4784	0	5000	0	95.7	50-150	0			

MS		Sample ID: 14111037-01A MS				Units: µg/Kg		Analysis Date: 11/21/2014 08:51 PM		
Client ID: Bear_Gulch_Federal_30_4_Pit		Run ID: GC9_141121A				SeqNo: 3049824		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

GRO (C6-C10)	577200	2,500	500000	0	115	70-130	0			
Surr: Toluene-d8	5146	0	5000	0	103	50-150	0			

MSD		Sample ID: 14111037-01A MSD				Units: µg/Kg		Analysis Date: 11/21/2014 09:17 PM		
Client ID: Bear_Gulch_Federal_30_4_Pit		Run ID: GC9_141121A				SeqNo: 3049825		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

GRO (C6-C10)	549400	2,500	500000	0	110	70-130	577200	4.94	30	
Surr: Toluene-d8	5023	0	5000	0	100	50-150	5146	2.43	30	

The following samples were analyzed in this batch:

14111037-01A

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

Client: InterTech
 Work Order: 14111037
 Project: Maralex Resources Pit Closures 11.19.14

QC BATCH REPORT

Batch ID: **65375** Instrument ID **HG1** Method: **SW7471**

MBLK		Sample ID: MBLK-65375-65375				Units: mg/Kg		Analysis Date: 11/24/2014 03:45 PM		
Client ID:		Run ID: HG1_141124A				SeqNo: 3051508		Prep Date: 11/24/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury ND 0.020

LCS		Sample ID: LCS-65375-65375				Units: mg/Kg		Analysis Date: 11/24/2014 03:47 PM		
Client ID:		Run ID: HG1_141124A				SeqNo: 3051510		Prep Date: 11/24/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1663 0.020 0.1665 0 99.9 80-120 0

MS		Sample ID: 14111026-16BMS				Units: mg/Kg		Analysis Date: 11/24/2014 04:04 PM		
Client ID:		Run ID: HG1_141124A				SeqNo: 3051519		Prep Date: 11/24/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1134 0.013 0.105 0.001031 107 75-125 0

MSD		Sample ID: 14111026-16BMSD				Units: mg/Kg		Analysis Date: 11/24/2014 04:07 PM		
Client ID:		Run ID: HG1_141124A				SeqNo: 3051520		Prep Date: 11/24/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.111 0.013 0.1043 0.001031 105 75-125 0.1134 2.09 35

The following samples were analyzed in this batch:

14111037-01B

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

Client: InterTech
Work Order: 14111037
Project: Maralex Resources Pit Closures 11.19.14

QC BATCH REPORT

Batch ID: **65282** Instrument ID **SAR** Method: **USDA H60 Metho**

DUP		Sample ID: 14111079-03BDUP				Units: none		Analysis Date: 11/24/2014		
Client ID:		Run ID: SAR_141124A				SeqNo: 3050178		Prep Date: 11/22/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Exchangeable Sodium Percentage	ND	0.010	0	0	0		-0.598	0	50	
Sodium Adsorption Ratio	0.4465	0.010	0	0	0		0.4513	1.05	50	

The following samples were analyzed in this batch:

14111037-01C

14111037-02B

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

Client: InterTech
Work Order: 14111037
Project: Maralex Resources Pit Closures 11.19.14

QC BATCH REPORT

Batch ID: **65303** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK		Sample ID: MBLK-65303-65303				Units: mg/Kg		Analysis Date: 11/23/2014 06:38 PM		
Client ID:		Run ID: ICPMS1_141123A				SeqNo: 3049946		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.25								
Barium	ND	0.25								
Cadmium	ND	0.10								
Chromium	ND	0.25								
Copper	ND	0.25								
Lead	ND	0.25								
Nickel	ND	0.25								
Selenium	ND	0.25								
Silver	ND	0.25								
Zinc	ND	0.50								

LCS		Sample ID: LCS-65303-65303				Units: mg/Kg		Analysis Date: 11/23/2014 06:45 PM		
Client ID:		Run ID: ICPMS1_141123A				SeqNo: 3049947		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.329	0.25	5	0	86.6	80-120	0			
Barium	4.504	0.25	5	0	90.1	80-120	0			
Cadmium	4.539	0.10	5	0	90.8	80-120	0			
Chromium	4.56	0.25	5	0	91.2	80-120	0			
Copper	4.362	0.25	5	0	87.2	80-120	0			
Lead	4.575	0.25	5	0	91.5	80-120	0			
Nickel	4.392	0.25	5	0	87.8	80-120	0			
Selenium	4.394	0.25	5	0	87.9	80-120	0			
Silver	4.347	0.25	5	0	86.9	80-120	0			
Zinc	4.14	0.50	5	0	82.8	80-120	0			

MS		Sample ID: 14111078-01BMS				Units: mg/Kg		Analysis Date: 11/23/2014 07:58 PM		
Client ID:		Run ID: ICPMS1_141123A				SeqNo: 3049963		Prep Date: 11/21/2014		DF: 4
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	8.834	1.5	7.61	3.71	67.3	75-125	0			S
Barium	49.32	1.5	7.61	48.56	9.89	75-125	0			SO
Cadmium	7.209	0.61	7.61	0.1503	92.7	75-125	0			
Chromium	31.99	1.5	7.61	8.69	306	75-125	0			S
Copper	17.21	1.5	7.61	6.914	135	75-125	0			S
Lead	21.77	1.5	7.61	15.2	86.3	75-125	0			
Nickel	19.85	1.5	7.61	3.988	208	75-125	0			S
Selenium	7.616	1.5	7.61	0.9428	87.7	75-125	0			
Silver	6.289	1.5	7.61	0.02361	82.3	75-125	0			
Zinc	47.73	3.0	7.61	29.6	238	75-125	0			S

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

Client: InterTech
Work Order: 14111037
Project: Maralex Resources Pit Closures 11.19.14

QC BATCH REPORT

Batch ID: **65303** Instrument ID **ICPMS1** Method: **SW6020A**

MSD		Sample ID: 14111078-01BMSD				Units: mg/Kg		Analysis Date: 11/23/2014 08:04 PM		
Client ID:		Run ID: ICPMS1_141123A				SeqNo: 3049964		Prep Date: 11/21/2014		DF: 4
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	9.107	1.5	7.645	3.71	70.6	75-125	8.834	3.04	25	S
Barium	49.88	1.5	7.645	48.56	17.2	75-125	49.32	1.13	25	SO
Cadmium	7.031	0.61	7.645	0.1503	90	75-125	7.209	2.5	25	
Chromium	16.28	1.5	7.645	8.69	99.2	75-125	31.99	65.1	25	R
Copper	14.03	1.5	7.645	6.914	93.1	75-125	17.21	20.3	25	
Lead	21.52	1.5	7.645	15.2	82.7	75-125	21.77	1.15	25	
Nickel	11.89	1.5	7.645	3.988	103	75-125	19.85	50.1	25	R
Selenium	7.502	1.5	7.645	0.9428	85.8	75-125	7.616	1.52	25	
Silver	6.144	1.5	7.645	0.02361	80.1	75-125	6.289	2.34	25	
Zinc	43.67	3.1	7.645	29.6	184	75-125	47.73	8.89	25	S

The following samples were analyzed in this batch:

14111037-01B	14111037-02A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: InterTech
Work Order: 14111037
Project: Maralex Resources Pit Closures 11.19.14

QC BATCH REPORT

Batch ID: **65292** Instrument ID **SVMS5** Method: **SW846 8270D**

MBLK		Sample ID: SBLKS1-65292-65292				Units: µg/Kg		Analysis Date: 11/21/2014 06:38 PM		
Client ID:		Run ID: SVMS5_141121A				SeqNo: 3050936		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	ND	6.7								
Anthracene	ND	6.7								
Benzo(a)anthracene	ND	6.7								
Benzo(a)pyrene	ND	6.7								
Benzo(b)fluoranthene	ND	6.7								
Benzo(k)fluoranthene	ND	6.7								
Chrysene	ND	6.7								
Dibenzo(a,h)anthracene	ND	6.7								
Fluoranthene	ND	6.7								
Fluorene	ND	6.7								
Indeno(1,2,3-cd)pyrene	ND	6.7								
Naphthalene	ND	6.7								
Pyrene	ND	6.7								
<i>Surr: 2-Fluorobiphenyl</i>	1241	0	1667	0	74.4	12-100	0			
<i>Surr: 4-Terphenyl-d14</i>	1608	0	1667	0	96.5	25-137	0			
<i>Surr: Nitrobenzene-d5</i>	1284	0	1667	0	77	37-107	0			

LCS		Sample ID: SLCSS1-65292-65292				Units: µg/Kg		Analysis Date: 11/21/2014 07:02 PM		
Client ID:		Run ID: SVMS5_141121A				SeqNo: 3050941		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	607	6.7	666.7	0	91	45-110	0			
Anthracene	691.3	6.7	666.7	0	104	55-105	0			
Benzo(a)anthracene	688	6.7	666.7	0	103	50-110	0			
Benzo(a)pyrene	791.3	6.7	666.7	0	119	50-110	0			S
Benzo(b)fluoranthene	861	6.7	666.7	0	129	45-115	0			S
Benzo(k)fluoranthene	819.3	6.7	666.7	0	123	45-115	0			S
Chrysene	704.7	6.7	666.7	0	106	55-110	0			
Dibenzo(a,h)anthracene	806.7	6.7	666.7	0	121	40-125	0			
Fluoranthene	702	6.7	666.7	0	105	55-115	0			
Fluorene	634	6.7	666.7	0	95.1	50-110	0			
Indeno(1,2,3-cd)pyrene	799.7	6.7	666.7	0	120	40-120	0			
Naphthalene	619	6.7	666.7	0	92.8	40-105	0			
Pyrene	757.7	6.7	666.7	0	114	45-125	0			
<i>Surr: 2-Fluorobiphenyl</i>	1439	0	1667	0	86.4	12-100	0			
<i>Surr: 4-Terphenyl-d14</i>	1758	0	1667	0	105	25-137	0			
<i>Surr: Nitrobenzene-d5</i>	1539	0	1667	0	92.3	37-107	0			

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

Client: InterTech
 Work Order: 14111037
 Project: Maralex Resources Pit Closures 11.19.14

QC BATCH REPORT

Batch ID: **65292** Instrument ID **SVMS5** Method: **SW846 8270D**

MS				Sample ID: 14111083-03B MS			Units: µg/Kg		Analysis Date: 11/21/2014 07:25 PM	
Client ID:		Run ID: SVMS5_141121A			SeqNo: 3050947		Prep Date: 11/21/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1071	13	1251	0	85.6	45-110	0			
Anthracene	1237	13	1251	0	98.9	55-105	0			
Benzo(a)anthracene	1277	13	1251	9.508	101	50-110	0			
Benzo(a)pyrene	1459	13	1251	0	117	50-110	0			S
Benzo(b)fluoranthene	1581	13	1251	0	126	45-115	0			S
Benzo(k)fluoranthene	1509	13	1251	0	121	45-115	0			S
Chrysene	1287	13	1251	4.262	103	55-110	0			
Dibenzo(a,h)anthracene	1463	13	1251	0	117	40-125	0			
Fluoranthene	1277	13	1251	7.868	101	55-115	0			
Fluorene	1108	13	1251	0	88.6	50-110	0			
Indeno(1,2,3-cd)pyrene	1459	13	1251	0	117	40-120	0			
Naphthalene	1067	13	1251	0	85.3	40-105	0			
Pyrene	1385	13	1251	8.196	110	45-125	0			
Surr: 2-Fluorobiphenyl	2481	0	3128	0	79.3	12-100	0			
Surr: 4-Terphenyl-d14	3201	0	3128	0	102	25-137	0			
Surr: Nitrobenzene-d5	2659	0	3128	0	85	37-107	0			

MSD				Sample ID: 14111083-03B MSD			Units: µg/Kg		Analysis Date: 11/21/2014 07:49 PM	
Client ID:		Run ID: SVMS5_141121A			SeqNo: 3050948		Prep Date: 11/21/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1153	13	1291	0	89.3	45-110	1071	7.38	30	
Anthracene	1307	13	1291	0	101	55-105	1237	5.5	30	
Benzo(a)anthracene	1322	13	1291	9.508	102	50-110	1277	3.44	30	
Benzo(a)pyrene	1527	13	1291	0	118	50-110	1459	4.55	30	S
Benzo(b)fluoranthene	1662	13	1291	0	129	45-115	1581	4.98	30	S
Benzo(k)fluoranthene	1560	13	1291	0	121	45-115	1509	3.31	30	S
Chrysene	1358	13	1291	4.262	105	55-110	1287	5.31	30	
Dibenzo(a,h)anthracene	1541	13	1291	0	119	40-125	1463	5.21	30	
Fluoranthene	1322	13	1291	7.868	102	55-115	1277	3.44	30	
Fluorene	1189	13	1291	0	92.1	50-110	1108	6.97	30	
Indeno(1,2,3-cd)pyrene	1522	13	1291	0	118	40-120	1459	4.25	30	
Naphthalene	1116	13	1291	0	86.4	40-105	1067	4.44	30	
Pyrene	1465	13	1291	8.196	113	45-125	1385	5.64	30	
Surr: 2-Fluorobiphenyl	2669	0	3226	0	82.7	12-100	2481	7.32	40	
Surr: 4-Terphenyl-d14	3373	0	3226	0	105	25-137	3201	5.23	40	
Surr: Nitrobenzene-d5	2831	0	3226	0	87.7	37-107	2659	6.27	40	

The following samples were analyzed in this batch:

14111037-01B

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

Client: InterTech
 Work Order: 14111037
 Project: Maralex Resources Pit Closures 11.19.14

QC BATCH REPORT

Batch ID: **65315** Instrument ID **VMS6** Method: **SW8260B**

MBLK		Sample ID: MBLK-65315-65315				Units: µg/Kg		Analysis Date: 11/21/2014 09:51 PM		
Client ID:		Run ID: VMS6_141121A				SeqNo: 3048937		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	30								
Ethylbenzene	ND	30								
m,p-Xylene	ND	60								
o-Xylene	ND	30								
Toluene	ND	30								
Xylenes, Total	ND	90								
<i>Surr: 1,2-Dichloroethane-d4</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: 4-Bromofluorobenzene</i>	<i>976.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>97.6</i>	<i>70-130</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>957.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>95.8</i>	<i>70-130</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>990.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>99</i>	<i>70-130</i>	<i>0</i>			

LCS		Sample ID: LCS-65315-65315				Units: µg/Kg		Analysis Date: 11/21/2014 08:33 PM		
Client ID:		Run ID: VMS6_141121A				SeqNo: 3048935		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1163	30	1000	0	116	75-125	0			
Ethylbenzene	1204	30	1000	0	120	75-125	0			
m,p-Xylene	2349	60	2000	0	117	80-125	0			
o-Xylene	1178	30	1000	0	118	75-125	0			
Toluene	1126	30	1000	0	113	70-125	0			
Xylenes, Total	3526	90	3000	0	118	75-125	0			
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>1006</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>101</i>	<i>70-130</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>1004</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>100</i>	<i>70-130</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>1020</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>985.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>98.6</i>	<i>70-130</i>	<i>0</i>			

The following samples were analyzed in this batch:

14111037-01A

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

Client: InterTech
Work Order: 14111037
Project: Maralex Resources Pit Closures 11.19.14

QC BATCH REPORT

Batch ID: **65282** Instrument ID **WETCHEM** Method: **USDA H60 Metho**

DUP		Sample ID: 14111079-03B DUP				Units: mmhos/cm @25°		Analysis Date: 11/24/2014 12:00 PM		
Client ID:		Run ID: WETCHEM_141124C				SeqNo: 3050442		Prep Date: 11/22/2014		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturation	4.22	0.050	0	0	0		4.28	1.41	50	

The following samples were analyzed in this batch:

14111037-01C	14111037-02B
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: InterTech
Work Order: 14111037
Project: Maralex Resources Pit Closures 11.19.14

QC BATCH REPORT

Batch ID: **65335** Instrument ID **WETCHEM** Method: **SW9045D**

LCS				Sample ID: LCS-65335-65335				Units: s.u.			Analysis Date: 11/21/2014 01:00 PM			
Client ID:				Run ID: WETCHEM_141121J				SeqNo: 3047812			Prep Date: 11/21/2014		DF: 1	
Analyte				Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 3.98 0 4 0 99.5 90-110 0

DUP		Sample ID: 14111035-01B DUP					Units: s.u.		Analysis Date: 11/21/2014 01:00 PM	
Client ID:			Run ID: WETCHEM_141121J			SeqNo: 3047815		Prep Date: 11/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 9.22 0 0 0 0 0-0 9.18 0.435 20

DUP				Sample ID: 14111079-03A DUP				Units: s.u.			Analysis Date: 11/21/2014 01:00 PM				
Client ID:				Run ID: WETCHEM_141121J				SeqNo: 3047827			Prep Date: 11/21/2014			DF: 1	
Analyte				Result		PQL	SPK Val	SPK Ref Value	%REC		Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 7.83 0 0 0 0 0-0 7.85 0.255 20

The following samples were analyzed in this batch:

14111037-01B	14111037-02A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: InterTech
Work Order: 14111037
Project: Maralex Resources Pit Closures 11.19.14

QC BATCH REPORT

Batch ID: **65406** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK		Sample ID: MBLK-65406-65406				Units: mg/Kg		Analysis Date: 11/24/2014 03:00 PM		
Client ID:		Run ID: WETCHEM_141124K		SeqNo: 3051417		Prep Date: 11/21/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent ND 0.50

LCS		Sample ID: LCS-65406-65406				Units: mg/Kg		Analysis Date: 11/24/2014 03:00 PM		
Client ID:		Run ID: WETCHEM_141124K		SeqNo: 3051416		Prep Date: 11/21/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.924 0.50 2 0 96.2 80-120 0

MS		Sample ID: 14111035-01B MS				Units: mg/Kg		Analysis Date: 11/24/2014 03:00 PM		
Client ID:		Run ID: WETCHEM_141124K		SeqNo: 3051402		Prep Date: 11/21/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.346 0.49 1.969 0.01594 67.6 75-125 0 S

MS		Sample ID: 14111035-01B MSI				Units: mg/Kg		Analysis Date: 11/24/2014 03:00 PM		
Client ID:		Run ID: WETCHEM_141124K		SeqNo: 3051404		Prep Date: 11/21/2014		DF: 100		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1346 50 1301 0.01594 103 75-125 0

MSD		Sample ID: 14111035-01B MSD				Units: mg/Kg		Analysis Date: 11/24/2014 03:00 PM		
Client ID:		Run ID: WETCHEM_141124K		SeqNo: 3051403		Prep Date: 11/21/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 0.311 0.49 1.969 0.01594 15 75-125 1.346 0 20 JS

The following samples were analyzed in this batch:

14111037-01B

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

Client: InterTech
Work Order: 14111037
Project: Maralex Resources Pit Closures 11.19.14

QC BATCH REPORT

Batch ID: **R153122** Instrument ID **MOIST** Method: **A2540 G**

MBLK		Sample ID: WBLKS-R153122				Units: % of sample		Analysis Date: 11/21/2014 05:00 PM		
Client ID:		Run ID: MOIST_141121D				SeqNo: 3051020		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture ND 0.050

LCS		Sample ID: LCS-R153122				Units: % of sample		Analysis Date: 11/21/2014 05:00 PM		
Client ID:		Run ID: MOIST_141121D				SeqNo: 3051019		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: 14111037-01B DUP				Units: % of sample		Analysis Date: 11/21/2014 05:00 PM		
Client ID: Bear_Gulch_Federal_30_4_Pit		Run ID: MOIST_141121D				SeqNo: 3051013		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 28.19 0.050 0 0 0 0-0 27.86 1.18 20

The following samples were analyzed in this batch:

14111037-01B	14111037-02A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.



Environmental

Chain of Custody Form

Page 1 of 1

COC ID: 123456

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ALS Project Manager:

Work Order #:

1411037

Customer Information		Project Information					Parameter/Method Request for Analysis											
Purchase Order	740.1405.01, COPI936	Project Name	Maralex Resources Pit Closures			A	EC, SAR, pH											
Work Order		Project Number	740.1405.01, COPI936			B	Arsenic											
Company Name	InterTech Environmental	Bill To Company	InterTech Environmental			C	BTEX											
Send Report To	Jana Nilsen	Invoice Attn	Carrie Zhang			D	GRO											
Address	743 Horizon Court, Suite 110	Address	3821 Beech Street			E	DRO											
City/State/Zip	Grand Junction, CO 81506	City/State/Zip	Laramie, WY 82070			F	COGCC Table 910-1 PAH											
Phone	307-399-2870	Phone	307-742-4991			G	COGCC Table 910-1 Metals											
Fax		Fax				H												
e-Mail Address	jnilsen@cbmainc.com	e-Mail Address	czhang@cbmainc.com			I												
J																		
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold	
1	Bear Gulch Federal 30_4_Pit	11/19/14	0940	Soil		4	x		x	x	x	x	x					
2	Bear Gulch Federal 30_4_BG	11/19/14	0958	Soil		2	x	x										
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

Sampler(s): Please Print & Sign Jana Nilsen		Shipment Method: FedEx		Required Turnaround Time: <input type="checkbox"/> STD 10 Wk Days <input type="checkbox"/> 5 Wk Days <input type="checkbox"/> 2 Wk Days <input type="checkbox"/> 24 Hour		Other 3 day		Results Due Date:	
Relinquished by: [Signature]		Date: 11/19/14	Time: 1635	Received by: FedEx		Notes: RUSHED 3 day- TAT requested			
Relinquished by: FedEx		Date: 11/20/14	Time: 0930	Received by (Laboratory): [Signature]		Cooler Temp. 4.2°			
Logged by (Laboratory): KE		Date: 11/20/14	Time: 1100	Checked by (Laboratory): [Signature]		QC Package: (Check Box Below)			
						Level II: Standard QC			
						Level III: Std QC + Raw Data			
						Level IV: SW846 CLP-Like			
Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035						Other:			

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

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**ALS Environmental**

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CUSTODY SEAL

Date: 11/19/14 Time: 14:30
Name: JANA NIELSEN
Company: INTERLOCK E+E

Seal Broken By:

Date:

FedEx US Airbill
Express

8653 0533 1305

0200

Form
40.01

FedEx Retrieval Code

1 From
Date: 11/19/14 Sender's FedEx Account Number
Sender's Name: ITEI Phone: 970 263-8679
Company: Interlock E+E
Address: 743 Horizon Ct. Suite 110
City: Grand Jct. State: CO. ZIP: 81506

2 Your Internal Billing Reference

3 To
Recipient's Name: Receiving Phone: 616 399-6070
Company: ALS Laboratories
Recipient's Address: 3352 128th Ave.
We cannot deliver to P.O. boxes or P.O. ZIP codes.
Address: Holland State: MI ZIP: 49424



8653 0533 1305

4a Express Package Service Packages up to 150 lbs.
1 ☐ FedEx Priority Overnight Next business morning. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
5 ☒ FedEx Standard Overnight Next business afternoon. Saturday Delivery NOT available.
6 ☐ FedEx First Overnight Earliest next business morning delivery to select locations. Saturday Delivery NOT available.

3 ☐ FedEx 2Day Second business day. Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected. FedEx Envelope rate not available. Minimum charge: One-pound rate.
20 ☐ FedEx Express Saver Third business day. Saturday Delivery NOT available.

4b Express Freight Service Packages over 150 lbs.
7 ☐ FedEx 1Day Freight* Next business day. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
8 ☐ FedEx 2Day Freight Second business day. Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
83 ☐ FedEx 3Day Freight Third business day. Saturday Delivery NOT available.

* Call for Confirmation. ** To meet location.

5 Packaging
6 ☐ FedEx Envelope* 2 ☐ FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Heavy Pak.
3 ☐ FedEx Box 4 ☐ FedEx Tube 1 ☐ Other * Declared value limit \$500.

6 Special Handling Includes FedEx address in Section 3.
3 ☐ SATURDAY Delivery Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 2Day Freight.
1 ☐ HOLD Weekday at FedEx Location Not available for FedEx First Overnight.
31 ☐ HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods?
☐ No 4 ☐ Yes One box must be labeled. ☐ Yes Shipper's Declaration not required. ☐ Yes Shipper's Declaration not required.
6 ☐ Dry Ice Dry Ice 3, UN 1845 Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No.
1 ☐ Sender 2 ☒ Recipient 3 ☐ Third Party 4 ☐ Credit Card 5 ☐ Cash/Check

Total Packages: 22 Total Weight: 20.30

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.
No Signature Required Packages may be left without obtaining a signature for delivery. 10 ☐ Direct Signature Recipient at recipient's address may sign for delivery. For address. 34 ☐ Indirect Signature If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For address.

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fedex.com 1.800.GoFedEx 1.800.463.9339

Sample Receipt Checklist

Client Name: **INTERTECH**

Date/Time Received: **20-Nov-14 09:30**

Work Order: **14111037**

Received by: **KRW**

Checklist completed by <u>Keith Wurenga</u>	20-Nov-14	Reviewed by: <u>Ann Preston</u>	20-Nov-14
eSignature	Date	eSignature	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>4.2 C</u>		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	<u>11/20/2014 11:39:42 AM</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:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction: