



25-Sep-2014

Jake Janicek
LT Environmental, Inc
820 Megan Ave. Unit B
Rifle, CO 81650

Re: **MDP 4 9.16.14**

Work Order: **1409891**

Dear Jake,

ALS Environmental received 10 samples on 17-Sep-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 39.

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: Ann Preston

Ann Preston
Project Manager



Certificate No: MN 532786

Report of Laboratory Analysis

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Environmental 

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RIGHT SOLUTIONS RIGHT PARTNER

Client: LT Environmental, Inc
Project: MDP 4 9.16.14
Work Order: 1409891

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>
1409891-01	PB01	Soil		9/16/2014 10:15	9/17/2014 09:30	<input type="checkbox"/>
1409891-02	PB02	Soil		9/16/2014 10:25	9/17/2014 09:30	<input type="checkbox"/>
1409891-03	PB03	Soil		9/16/2014 10:05	9/17/2014 09:30	<input type="checkbox"/>
1409891-04	PB04	Soil		9/16/2014 10:00	9/17/2014 09:30	<input type="checkbox"/>
1409891-05	PB05	Soil		9/16/2014 09:38	9/17/2014 09:30	<input type="checkbox"/>
1409891-06	PB06	Soil		9/16/2014 09:50	9/17/2014 09:30	<input type="checkbox"/>
1409891-07	BG01	Soil		9/16/2014 11:05	9/17/2014 09:30	<input type="checkbox"/>
1409891-08	BG02	Soil		9/16/2014 11:10	9/17/2014 09:30	<input type="checkbox"/>
1409891-09	BG03	Soil		9/16/2014 11:15	9/17/2014 09:30	<input type="checkbox"/>
1409891-10	BG04	Soil		9/16/2014 11:20	9/17/2014 09:30	<input type="checkbox"/>

Client: LT Environmental, Inc
Project: MDP 4 9.16.14
Work Order: 1409891

Case Narrative

Batch 62940 MS/MSD data for GRO is not related to this project's samples. No data requires qualification.

Batch 62960 MS/MSD data for PAHs is not related to this project's samples. No data requires qualification.

Batches 62961 and 63010 MS/MSD data for DRO is not related to this project's samples. No data requires qualification.

Batch 62980 MS/MSD data for Hexavalent Chromium is not related to this project's samples. No data requires qualification.

Batch 62981 samples 1409891-01 through 1409891-06 reporting limits for Metals were elevated due to dilution for high concentrations of non-target analytes. The MS/MSD data for Metals is not related to this project's samples. No data requires qualification.

<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
µg/Kg-dry	Micrograms per Kilogram Dry Weight
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, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc
Project: MDP 4 9.16.14
Sample ID: PB01
Collection Date: 9/16/2014 10:15 AM

Work Order: 1409891
Lab ID: 1409891-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
			SW8015M		Prep: SW3541 / 9/22/14	Analyst: IT
DRO (C10-C28)	ND		4.6	mg/Kg-dry	1	9/22/2014 08:34 PM
Surr: 4-Terphenyl-d14	70.4		39-133	%REC	1	9/22/2014 08:34 PM
GASOLINE RANGE ORGANICS BY GC-FID						
			SW8015		Prep: SW5035 / 9/18/14	Analyst: IT
GRO (C6-C10)	ND		2,800	µg/Kg-dry	1	9/20/2014 11:19 AM
Surr: Toluene-d8	93.6		50-150	%REC	1	9/20/2014 11:19 AM
MERCURY BY CVAA						
			SW7471		Prep: SW7471 / 9/22/14	Analyst: LR
Mercury	0.42		0.031	mg/Kg-dry	2	9/22/2014 07:44 PM
SOLUBLE CATIONS FOR SAR						
			SW846 6010C		Prep: USDA Method 20B / 9/22/14	Analyst: JEC
Calcium	280		5.0	mg/L	10	9/22/2014 04:07 PM
Magnesium	100		2.0	mg/L	10	9/22/2014 04:07 PM
Sodium	200		2.0	mg/L	10	9/22/2014 04:07 PM
METALS BY ICP-MS						
			SW6020A		Prep: SW3050B / 9/19/14	Analyst: ML
Arsenic	15		1.7	mg/Kg-dry	4	9/20/2014 02:49 AM
Barium	420		1.7	mg/Kg-dry	4	9/20/2014 02:49 AM
Cadmium	ND		0.66	mg/Kg-dry	4	9/20/2014 02:49 AM
Chromium	7.7		1.7	mg/Kg-dry	4	9/20/2014 02:49 AM
Copper	9.4		1.7	mg/Kg-dry	4	9/20/2014 02:49 AM
Lead	14		1.7	mg/Kg-dry	4	9/20/2014 02:49 AM
Nickel	8.0		1.7	mg/Kg-dry	4	9/20/2014 02:49 AM
Selenium	2.6		1.7	mg/Kg-dry	4	9/20/2014 02:49 AM
Silver	ND		1.7	mg/Kg-dry	4	9/20/2014 02:49 AM
Zinc	36		3.3	mg/Kg-dry	4	9/20/2014 02:49 AM
SODIUM ADSORPTION RATIO						
			USDA H60 METHOD		Prep: USDA Method 20B / 9/22/14	Analyst: JEC
Sodium Adsorption Ratio	2.6		0.010	none	1	9/22/2014
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW846 8270D		Prep: SW3541 / 9/23/14	Analyst: RM
Acenaphthene	ND		7.4	µg/Kg-dry	1	9/24/2014 01:12 AM
Anthracene	ND		7.4	µg/Kg-dry	1	9/24/2014 01:12 AM
Benzo(a)anthracene	ND		7.4	µg/Kg-dry	1	9/24/2014 01:12 AM
Benzo(a)pyrene	ND		7.4	µg/Kg-dry	1	9/24/2014 01:12 AM
Benzo(b)fluoranthene	ND		7.4	µg/Kg-dry	1	9/24/2014 01:12 AM
Benzo(k)fluoranthene	ND		7.4	µg/Kg-dry	1	9/24/2014 01:12 AM
Chrysene	ND		7.4	µg/Kg-dry	1	9/24/2014 01:12 AM
Dibenzo(a,h)anthracene	ND		7.4	µg/Kg-dry	1	9/24/2014 01:12 AM
Fluoranthene	ND		7.4	µg/Kg-dry	1	9/24/2014 01:12 AM

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

ALS Group USA, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc

Project: MDP 4 9.16.14

Sample ID: PB01

Collection Date: 9/16/2014 10:15 AM

Work Order: 1409891

Lab ID: 1409891-01

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		7.4	µg/Kg-dry	1	9/24/2014 01:12 AM
Indeno(1,2,3-cd)pyrene	ND		7.4	µg/Kg-dry	1	9/24/2014 01:12 AM
Naphthalene	ND		7.4	µg/Kg-dry	1	9/24/2014 01:12 AM
Pyrene	ND		7.4	µg/Kg-dry	1	9/24/2014 01:12 AM
Surr: 2-Fluorobiphenyl	61.6		12-100	%REC	1	9/24/2014 01:12 AM
Surr: 4-Terphenyl-d14	70.6		25-137	%REC	1	9/24/2014 01:12 AM
Surr: Nitrobenzene-d5	66.3		37-107	%REC	1	9/24/2014 01:12 AM
VOLATILE ORGANIC COMPOUNDS			SW8260B	Prep: SW5035 / 9/18/14		Analyst: RS
Benzene	ND		33	µg/Kg-dry	1	9/20/2014 06:57 AM
Ethylbenzene	ND		33	µg/Kg-dry	1	9/20/2014 06:57 AM
m,p-Xylene	ND		67	µg/Kg-dry	1	9/20/2014 06:57 AM
o-Xylene	ND		33	µg/Kg-dry	1	9/20/2014 06:57 AM
Toluene	ND		33	µg/Kg-dry	1	9/20/2014 06:57 AM
Xylenes, Total	ND		100	µg/Kg-dry	1	9/20/2014 06:57 AM
Surr: 1,2-Dichloroethane-d4	93.6		70-130	%REC	1	9/20/2014 06:57 AM
Surr: 4-Bromofluorobenzene	97.9		70-130	%REC	1	9/20/2014 06:57 AM
Surr: Dibromofluoromethane	101		70-130	%REC	1	9/20/2014 06:57 AM
Surr: Toluene-d8	89.6		70-130	%REC	1	9/20/2014 06:57 AM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHOD	Prep: USDA Method 20B / 9/22/14		Analyst: JB
Electrical Conductivity @ Saturation	3.6		0.050	mmhos/cm @25	10	9/22/2014 03:15 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	7.5		0.56	mg/Kg-dry	1	9/22/2014 04:15 PM
CHROMIUM, HEXAVALENT			SW7196A	Prep: SW3060A / 9/19/14		Analyst: MB
Chromium, Hexavalent	ND		0.55	mg/Kg-dry	1	9/19/2014 04:00 PM
MOISTURE			A2540 G			Analyst: RLM
Moisture	10		0.050	% of sample	1	9/19/2014 04:40 PM
PH			SW9045D	Prep: EXTRACT / 9/22/14		Analyst: JB
pH	8.3			s.u.	1	9/22/2014 02:00 PM

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

ALS Group USA, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc
Project: MDP 4 9.16.14
Sample ID: PB02
Collection Date: 9/16/2014 10:25 AM

Work Order: 1409891
Lab ID: 1409891-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
DRO (C10-C28)	100		SW8015M		Prep: SW3541 / 9/19/14	Analyst: IT
<i>Surr: 4-Terphenyl-d14</i>	53.2		4.5	mg/Kg-dry	1	9/20/2014 12:12 PM
			39-133	%REC	1	9/20/2014 12:12 PM
GASOLINE RANGE ORGANICS BY GC-FID						
GRO (C6-C10)	ND		SW8015		Prep: SW5035 / 9/18/14	Analyst: IT
<i>Surr: Toluene-d8</i>	110		2,800	µg/Kg-dry	1	9/20/2014 11:45 AM
			50-150	%REC	1	9/20/2014 11:45 AM
MERCURY BY CVAA						
Mercury	0.14		SW7471		Prep: SW7471 / 9/22/14	Analyst: LR
			0.017	mg/Kg-dry	1	9/22/2014 07:13 PM
SOLUBLE CATIONS FOR SAR						
			SW846 6010C		Prep: USDA Method 20B / 9/22/14	Analyst: JEC
Calcium	150		5.0	mg/L	10	9/22/2014 04:12 PM
Magnesium	69		2.0	mg/L	10	9/22/2014 04:12 PM
Sodium	170		2.0	mg/L	10	9/22/2014 04:12 PM
METALS BY ICP-MS						
			SW6020A		Prep: SW3050B / 9/19/14	Analyst: ML
Arsenic	6.0		1.7	mg/Kg-dry	4	9/20/2014 02:55 AM
Barium	810		17	mg/Kg-dry	40	9/22/2014 03:09 PM
Cadmium	ND		0.68	mg/Kg-dry	4	9/20/2014 02:55 AM
Chromium	7.9		1.7	mg/Kg-dry	4	9/20/2014 02:55 AM
Copper	8.4		1.7	mg/Kg-dry	4	9/20/2014 02:55 AM
Lead	11		1.7	mg/Kg-dry	4	9/20/2014 02:55 AM
Nickel	8.6		1.7	mg/Kg-dry	4	9/20/2014 02:55 AM
Selenium	2.2		1.7	mg/Kg-dry	4	9/20/2014 02:55 AM
Silver	ND		1.7	mg/Kg-dry	4	9/20/2014 02:55 AM
Zinc	35		3.4	mg/Kg-dry	4	9/20/2014 02:55 AM
SODIUM ADSORPTION RATIO						
			USDA H60 METHOD		Prep: USDA Method 20B / 9/22/14	Analyst: JEC
Sodium Adsorption Ratio	2.9		0.010	none	1	9/22/2014
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW846 8270D		Prep: SW3541 / 9/19/14	Analyst: RM
Acenaphthene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:03 PM
Anthracene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:03 PM
Benzo(a)anthracene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:03 PM
Benzo(a)pyrene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:03 PM
Benzo(b)fluoranthene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:03 PM
Benzo(k)fluoranthene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:03 PM
Chrysene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:03 PM
Dibenzo(a,h)anthracene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:03 PM
Fluoranthene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:03 PM

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

ALS Group USA, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc
Project: MDP 4 9.16.14
Sample ID: PB02
Collection Date: 9/16/2014 10:25 AM

Work Order: 1409891
Lab ID: 1409891-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:03 PM
Indeno(1,2,3-cd)pyrene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:03 PM
Naphthalene	18		7.3	µg/Kg-dry	1	9/20/2014 07:03 PM
Pyrene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:03 PM
Surr: 2-Fluorobiphenyl	71.9		12-100	%REC	1	9/20/2014 07:03 PM
Surr: 4-Terphenyl-d14	90.1		25-137	%REC	1	9/20/2014 07:03 PM
Surr: Nitrobenzene-d5	69.1		37-107	%REC	1	9/20/2014 07:03 PM
VOLATILE ORGANIC COMPOUNDS			SW8260B	Prep: SW5035 / 9/18/14		Analyst: RS
Benzene	ND		33	µg/Kg-dry	1	9/20/2014 07:21 AM
Ethylbenzene	ND		33	µg/Kg-dry	1	9/20/2014 07:21 AM
m,p-Xylene	ND		66	µg/Kg-dry	1	9/20/2014 07:21 AM
o-Xylene	ND		33	µg/Kg-dry	1	9/20/2014 07:21 AM
Toluene	ND		33	µg/Kg-dry	1	9/20/2014 07:21 AM
Xylenes, Total	ND		99	µg/Kg-dry	1	9/20/2014 07:21 AM
Surr: 1,2-Dichloroethane-d4	95.4		70-130	%REC	1	9/20/2014 07:21 AM
Surr: 4-Bromofluorobenzene	95.0		70-130	%REC	1	9/20/2014 07:21 AM
Surr: Dibromofluoromethane	100		70-130	%REC	1	9/20/2014 07:21 AM
Surr: Toluene-d8	85.7		70-130	%REC	1	9/20/2014 07:21 AM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHOD	Prep: USDA Method 20B / 9/22/14		Analyst: JB
Electrical Conductivity @ Saturation	2.5		0.050	mmhos/cm @25	10	9/22/2014 03:15 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	7.7		0.55	mg/Kg-dry	1	9/22/2014 04:15 PM
CHROMIUM, HEXAVALENT			SW7196A	Prep: SW3060A / 9/19/14		Analyst: MB
Chromium, Hexavalent	ND		0.55	mg/Kg-dry	1	9/19/2014 04:00 PM
MOISTURE			A2540 G			Analyst: RLM
Moisture	9.5		0.050	% of sample	1	9/19/2014 04:40 PM
PH			SW9045D	Prep: EXTRACT / 9/22/14		Analyst: JB
pH	8.2			s.u.	1	9/22/2014 02:00 PM

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

ALS Group USA, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc
Project: MDP 4 9.16.14
Sample ID: PB03
Collection Date: 9/16/2014 10:05 AM

Work Order: 1409891
Lab ID: 1409891-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
DRO (C10-C28)	24		SW8015M		Prep: SW3541 / 9/19/14	Analyst: IT
<i>Surr: 4-Terphenyl-d14</i>	66.1		4.6	mg/Kg-dry	1	9/20/2014 12:40 PM
			39-133	%REC	1	9/20/2014 12:40 PM
GASOLINE RANGE ORGANICS BY GC-FID						
GRO (C6-C10)	ND		SW8015		Prep: SW5035 / 9/18/14	Analyst: IT
<i>Surr: Toluene-d8</i>	111		2,800	µg/Kg-dry	1	9/20/2014 12:10 PM
			50-150	%REC	1	9/20/2014 12:10 PM
MERCURY BY CVAA						
Mercury	0.19		SW7471		Prep: SW7471 / 9/22/14	Analyst: LR
			0.017	mg/Kg-dry	1	9/22/2014 07:15 PM
SOLUBLE CATIONS FOR SAR						
			SW846 6010C		Prep: USDA Method 20B / 9/22/14	Analyst: JEC
Calcium	180		5.0	mg/L	10	9/22/2014 04:17 PM
Magnesium	59		2.0	mg/L	10	9/22/2014 04:17 PM
Sodium	74		2.0	mg/L	10	9/22/2014 04:17 PM
METALS BY ICP-MS						
			SW6020A		Prep: SW3050B / 9/19/14	Analyst: ML
Arsenic	17		1.8	mg/Kg-dry	4	9/20/2014 03:01 AM
Barium	120		1.8	mg/Kg-dry	4	9/20/2014 03:01 AM
Cadmium	ND		0.70	mg/Kg-dry	4	9/20/2014 03:01 AM
Chromium	6.6		1.8	mg/Kg-dry	4	9/20/2014 03:01 AM
Copper	6.0		1.8	mg/Kg-dry	4	9/20/2014 03:01 AM
Lead	14		1.8	mg/Kg-dry	4	9/20/2014 03:01 AM
Nickel	7.7		1.8	mg/Kg-dry	4	9/20/2014 03:01 AM
Selenium	2.4		1.8	mg/Kg-dry	4	9/20/2014 03:01 AM
Silver	ND		1.8	mg/Kg-dry	4	9/20/2014 03:01 AM
Zinc	29		3.5	mg/Kg-dry	4	9/20/2014 03:01 AM
SODIUM ADSORPTION RATIO						
			USDA H60 METHOD		Prep: USDA Method 20B / 9/22/14	Analyst: JEC
Sodium Adsorption Ratio	1.2		0.010	none	1	9/22/2014
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW846 8270D		Prep: SW3541 / 9/19/14	Analyst: RM
Acenaphthene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:23 PM
Anthracene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:23 PM
Benzo(a)anthracene	12		7.3	µg/Kg-dry	1	9/20/2014 07:23 PM
Benzo(a)pyrene	8.4		7.3	µg/Kg-dry	1	9/20/2014 07:23 PM
Benzo(b)fluoranthene	12		7.3	µg/Kg-dry	1	9/20/2014 07:23 PM
Benzo(k)fluoranthene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:23 PM
Chrysene	9.8		7.3	µg/Kg-dry	1	9/20/2014 07:23 PM
Dibenzo(a,h)anthracene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:23 PM
Fluoranthene	13		7.3	µg/Kg-dry	1	9/20/2014 07:23 PM

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

ALS Group USA, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc

Project: MDP 4 9.16.14

Sample ID: PB03

Collection Date: 9/16/2014 10:05 AM

Work Order: 1409891

Lab ID: 1409891-03

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		7.3	µg/Kg-dry	1	9/20/2014 07:23 PM
Indeno(1,2,3-cd)pyrene	41		7.3	µg/Kg-dry	1	9/20/2014 07:23 PM
Naphthalene	21		7.3	µg/Kg-dry	1	9/20/2014 07:23 PM
Pyrene	17		7.3	µg/Kg-dry	1	9/20/2014 07:23 PM
Surr: 2-Fluorobiphenyl	71.4		12-100	%REC	1	9/20/2014 07:23 PM
Surr: 4-Terphenyl-d14	93.3		25-137	%REC	1	9/20/2014 07:23 PM
Surr: Nitrobenzene-d5	68.2		37-107	%REC	1	9/20/2014 07:23 PM
VOLATILE ORGANIC COMPOUNDS			SW8260B	Prep: SW5035 / 9/18/14		Analyst: RS
Benzene	ND		33	µg/Kg-dry	1	9/20/2014 07:46 AM
Ethylbenzene	ND		33	µg/Kg-dry	1	9/20/2014 07:46 AM
m,p-Xylene	ND		67	µg/Kg-dry	1	9/20/2014 07:46 AM
o-Xylene	ND		33	µg/Kg-dry	1	9/20/2014 07:46 AM
Toluene	ND		33	µg/Kg-dry	1	9/20/2014 07:46 AM
Xylenes, Total	ND		100	µg/Kg-dry	1	9/20/2014 07:46 AM
Surr: 1,2-Dichloroethane-d4	93.9		70-130	%REC	1	9/20/2014 07:46 AM
Surr: 4-Bromofluorobenzene	94.0		70-130	%REC	1	9/20/2014 07:46 AM
Surr: Dibromofluoromethane	96.5		70-130	%REC	1	9/20/2014 07:46 AM
Surr: Toluene-d8	88.6		70-130	%REC	1	9/20/2014 07:46 AM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHOD	Prep: USDA Method 20B / 9/22/14		Analyst: JB
Electrical Conductivity @ Saturation	2.1		0.050	mmhos/cm @25	10	9/22/2014 03:15 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	6.6		0.55	mg/Kg-dry	1	9/22/2014 04:15 PM
CHROMIUM, HEXAVALENT			SW7196A	Prep: SW3060A / 9/19/14		Analyst: MB
Chromium, Hexavalent	ND		0.55	mg/Kg-dry	1	9/19/2014 04:00 PM
MOISTURE			A2540 G			Analyst: RLM
Moisture	9.8		0.050	% of sample	1	9/19/2014 04:40 PM
PH			SW9045D	Prep: EXTRACT / 9/22/14		Analyst: JB
pH	8.2			s.u.	1	9/22/2014 02:00 PM

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

ALS Group USA, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc

Project: MDP 4 9.16.14

Sample ID: PB04

Collection Date: 9/16/2014 10:00 AM

Work Order: 1409891

Lab ID: 1409891-04

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
DRO (C10-C28)	33		SW8015M		Prep: SW3541 / 9/19/14	Analyst: IT
<i>Surr: 4-Terphenyl-d14</i>	<i>59.8</i>		<i>4.7</i>	<i>mg/Kg-dry</i>	<i>1</i>	9/20/2014 01:07 AM
			<i>39-133</i>	<i>%REC</i>	<i>1</i>	9/20/2014 01:07 AM
GASOLINE RANGE ORGANICS BY GC-FID						
GRO (C6-C10)	ND		SW8015		Prep: SW5035 / 9/18/14	Analyst: IT
<i>Surr: Toluene-d8</i>	<i>112</i>		<i>2,900</i>	<i>µg/Kg-dry</i>	<i>1</i>	9/20/2014 12:36 PM
			<i>50-150</i>	<i>%REC</i>	<i>1</i>	9/20/2014 12:36 PM
MERCURY BY CVAA						
Mercury	0.15		SW7471		Prep: SW7471 / 9/22/14	Analyst: LR
			0.018	mg/Kg-dry	1	9/22/2014 07:18 PM
SOLUBLE CATIONS FOR SAR						
			SW846 6010C		Prep: USDA Method 20B / 9/22/14	Analyst: JEC
Calcium	150		5.0	mg/L	10	9/22/2014 04:22 PM
Magnesium	64		2.0	mg/L	10	9/22/2014 04:22 PM
Sodium	99		2.0	mg/L	10	9/22/2014 04:22 PM
METALS BY ICP-MS						
			SW6020A		Prep: SW3050B / 9/19/14	Analyst: ML
Arsenic	7.6		1.7	mg/Kg-dry	4	9/20/2014 03:08 AM
Barium	700		17	mg/Kg-dry	40	9/22/2014 03:15 PM
Cadmium	ND		0.69	mg/Kg-dry	4	9/20/2014 03:08 AM
Chromium	9.0		1.7	mg/Kg-dry	4	9/20/2014 03:08 AM
Copper	9.0		1.7	mg/Kg-dry	4	9/20/2014 03:08 AM
Lead	12		1.7	mg/Kg-dry	4	9/20/2014 03:08 AM
Nickel	10		1.7	mg/Kg-dry	4	9/20/2014 03:08 AM
Selenium	2.5		1.7	mg/Kg-dry	4	9/20/2014 03:08 AM
Silver	ND		1.7	mg/Kg-dry	4	9/20/2014 03:08 AM
Zinc	35		3.4	mg/Kg-dry	4	9/20/2014 03:08 AM
SODIUM ADSORPTION RATIO						
			USDA H60 METHOD		Prep: USDA Method 20B / 9/22/14	Analyst: JEC
Sodium Adsorption Ratio	1.7		0.010	none	1	9/22/2014
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW846 8270D		Prep: SW3541 / 9/19/14	Analyst: RM
Acenaphthene	ND		7.6	µg/Kg-dry	1	9/20/2014 07:44 PM
Anthracene	ND		7.6	µg/Kg-dry	1	9/20/2014 07:44 PM
Benzo(a)anthracene	ND		7.6	µg/Kg-dry	1	9/20/2014 07:44 PM
Benzo(a)pyrene	ND		7.6	µg/Kg-dry	1	9/20/2014 07:44 PM
Benzo(b)fluoranthene	ND		7.6	µg/Kg-dry	1	9/20/2014 07:44 PM
Benzo(k)fluoranthene	ND		7.6	µg/Kg-dry	1	9/20/2014 07:44 PM
Chrysene	ND		7.6	µg/Kg-dry	1	9/20/2014 07:44 PM
Dibenzo(a,h)anthracene	ND		7.6	µg/Kg-dry	1	9/20/2014 07:44 PM
Fluoranthene	ND		7.6	µg/Kg-dry	1	9/20/2014 07:44 PM

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

ALS Group USA, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc

Project: MDP 4 9.16.14

Sample ID: PB04

Collection Date: 9/16/2014 10:00 AM

Work Order: 1409891

Lab ID: 1409891-04

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		7.6	µg/Kg-dry	1	9/20/2014 07:44 PM
Indeno(1,2,3-cd)pyrene	ND		7.6	µg/Kg-dry	1	9/20/2014 07:44 PM
Naphthalene	63		7.6	µg/Kg-dry	1	9/20/2014 07:44 PM
Pyrene	ND		7.6	µg/Kg-dry	1	9/20/2014 07:44 PM
Surr: 2-Fluorobiphenyl	77.8		12-100	%REC	1	9/20/2014 07:44 PM
Surr: 4-Terphenyl-d14	91.2		25-137	%REC	1	9/20/2014 07:44 PM
Surr: Nitrobenzene-d5	66.7		37-107	%REC	1	9/20/2014 07:44 PM
VOLATILE ORGANIC COMPOUNDS			SW8260B	Prep: SW5035 / 9/18/14	Analyst: RS	
Benzene	ND		34	µg/Kg-dry	1	9/20/2014 08:10 AM
Ethylbenzene	ND		34	µg/Kg-dry	1	9/20/2014 08:10 AM
m,p-Xylene	ND		69	µg/Kg-dry	1	9/20/2014 08:10 AM
o-Xylene	ND		34	µg/Kg-dry	1	9/20/2014 08:10 AM
Toluene	ND		34	µg/Kg-dry	1	9/20/2014 08:10 AM
Xylenes, Total	ND		100	µg/Kg-dry	1	9/20/2014 08:10 AM
Surr: 1,2-Dichloroethane-d4	94.0		70-130	%REC	1	9/20/2014 08:10 AM
Surr: 4-Bromofluorobenzene	92.9		70-130	%REC	1	9/20/2014 08:10 AM
Surr: Dibromofluoromethane	97.1		70-130	%REC	1	9/20/2014 08:10 AM
Surr: Toluene-d8	88.0		70-130	%REC	1	9/20/2014 08:10 AM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHOD	Prep: USDA Method 20B / 9/22/14	Analyst: JB	
Electrical Conductivity @ Saturation	2.0		0.050	mmhos/cm @25	10	9/22/2014 03:15 PM
CHROMIUM, TRIVALENT			CALCULATION	Analyst: MB		
Chromium, Trivalent	9.0		0.57	mg/Kg-dry	1	9/22/2014 04:15 PM
CHROMIUM, HEXAVALENT			SW7196A	Prep: SW3060A / 9/19/14	Analyst: MB	
Chromium, Hexavalent	ND		0.57	mg/Kg-dry	1	9/19/2014 04:00 PM
MOISTURE			A2540 G	Analyst: RLM		
Moisture	12		0.050	% of sample	1	9/19/2014 04:40 PM
PH			SW9045D	Prep: EXTRACT / 9/22/14	Analyst: JB	
pH	8.3			s.u.	1	9/22/2014 02:00 PM

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

ALS Group USA, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc
Project: MDP 4 9.16.14
Sample ID: PB05
Collection Date: 9/16/2014 09:38 AM

Work Order: 1409891
Lab ID: 1409891-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
DRO (C10-C28)	14		SW8015M		Prep: SW3541 / 9/19/14	Analyst: IT
<i>Surr: 4-Terphenyl-d14</i>	64.9		4.6	mg/Kg-dry	1	9/20/2014 01:35 AM
			39-133	%REC	1	9/20/2014 01:35 AM
GASOLINE RANGE ORGANICS BY GC-FID						
GRO (C6-C10)	ND		SW8015		Prep: SW5035 / 9/18/14	Analyst: IT
<i>Surr: Toluene-d8</i>	90.5		2,800	µg/Kg-dry	1	9/20/2014 01:27 PM
			50-150	%REC	1	9/20/2014 01:27 PM
MERCURY BY CVAA						
Mercury	0.052		SW7471		Prep: SW7471 / 9/22/14	Analyst: LR
			0.018	mg/Kg-dry	1	9/22/2014 07:35 PM
SOLUBLE CATIONS FOR SAR						
			SW846 6010C		Prep: USDA Method 20B / 9/22/14	Analyst: JEC
Calcium	170		5.0	mg/L	10	9/22/2014 04:27 PM
Magnesium	73		2.0	mg/L	10	9/22/2014 04:27 PM
Sodium	160		2.0	mg/L	10	9/22/2014 04:27 PM
METALS BY ICP-MS						
			SW6020A		Prep: SW3050B / 9/19/14	Analyst: ML
Arsenic	6.0		1.6	mg/Kg-dry	4	9/20/2014 03:14 AM
Barium	550		1.6	mg/Kg-dry	4	9/20/2014 03:14 AM
Cadmium	ND		0.65	mg/Kg-dry	4	9/20/2014 03:14 AM
Chromium	9.0		1.6	mg/Kg-dry	4	9/20/2014 03:14 AM
Copper	14		1.6	mg/Kg-dry	4	9/20/2014 03:14 AM
Lead	14		1.6	mg/Kg-dry	4	9/20/2014 03:14 AM
Nickel	11		1.6	mg/Kg-dry	4	9/20/2014 03:14 AM
Selenium	2.8		1.6	mg/Kg-dry	4	9/20/2014 03:14 AM
Silver	ND		1.6	mg/Kg-dry	4	9/20/2014 03:14 AM
Zinc	51		3.2	mg/Kg-dry	4	9/20/2014 03:14 AM
SODIUM ADSORPTION RATIO						
			USDA H60 METHOD		Prep: USDA Method 20B / 9/22/14	Analyst: JEC
Sodium Adsorption Ratio	2.6		0.010	none	1	9/22/2014
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW846 8270D		Prep: SW3541 / 9/19/14	Analyst: RM
Acenaphthene	ND		7.3	µg/Kg-dry	1	9/20/2014 08:04 PM
Anthracene	ND		7.3	µg/Kg-dry	1	9/20/2014 08:04 PM
Benzo(a)anthracene	ND		7.3	µg/Kg-dry	1	9/20/2014 08:04 PM
Benzo(a)pyrene	ND		7.3	µg/Kg-dry	1	9/20/2014 08:04 PM
Benzo(b)fluoranthene	ND		7.3	µg/Kg-dry	1	9/20/2014 08:04 PM
Benzo(k)fluoranthene	ND		7.3	µg/Kg-dry	1	9/20/2014 08:04 PM
Chrysene	ND		7.3	µg/Kg-dry	1	9/20/2014 08:04 PM
Dibenzo(a,h)anthracene	ND		7.3	µg/Kg-dry	1	9/20/2014 08:04 PM
Fluoranthene	ND		7.3	µg/Kg-dry	1	9/20/2014 08:04 PM

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

ALS Group USA, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc

Project: MDP 4 9.16.14

Sample ID: PB05

Collection Date: 9/16/2014 09:38 AM

Work Order: 1409891

Lab ID: 1409891-05

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		7.3	µg/Kg-dry	1	9/20/2014 08:04 PM
Indeno(1,2,3-cd)pyrene	ND		7.3	µg/Kg-dry	1	9/20/2014 08:04 PM
Naphthalene	ND		7.3	µg/Kg-dry	1	9/20/2014 08:04 PM
Pyrene	ND		7.3	µg/Kg-dry	1	9/20/2014 08:04 PM
Surr: 2-Fluorobiphenyl	69.0		12-100	%REC	1	9/20/2014 08:04 PM
Surr: 4-Terphenyl-d14	97.7		25-137	%REC	1	9/20/2014 08:04 PM
Surr: Nitrobenzene-d5	63.2		37-107	%REC	1	9/20/2014 08:04 PM
VOLATILE ORGANIC COMPOUNDS			SW8260B	Prep: SW5035 / 9/18/14		Analyst: RS
Benzene	ND		33	µg/Kg-dry	1	9/20/2014 08:35 AM
Ethylbenzene	ND		33	µg/Kg-dry	1	9/20/2014 08:35 AM
m,p-Xylene	ND		67	µg/Kg-dry	1	9/20/2014 08:35 AM
o-Xylene	ND		33	µg/Kg-dry	1	9/20/2014 08:35 AM
Toluene	ND		33	µg/Kg-dry	1	9/20/2014 08:35 AM
Xylenes, Total	ND		100	µg/Kg-dry	1	9/20/2014 08:35 AM
Surr: 1,2-Dichloroethane-d4	93.3		70-130	%REC	1	9/20/2014 08:35 AM
Surr: 4-Bromofluorobenzene	94.0		70-130	%REC	1	9/20/2014 08:35 AM
Surr: Dibromofluoromethane	98.6		70-130	%REC	1	9/20/2014 08:35 AM
Surr: Toluene-d8	89.2		70-130	%REC	1	9/20/2014 08:35 AM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHOD	Prep: USDA Method 20B / 9/22/14		Analyst: JB
Electrical Conductivity @ Saturation	2.6		0.050	mmhos/cm @25	10	9/22/2014 03:15 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	9.0		0.55	mg/Kg-dry	1	9/22/2014 04:15 PM
CHROMIUM, HEXAVALENT			SW7196A	Prep: SW3060A / 9/19/14		Analyst: MB
Chromium, Hexavalent	ND		0.55	mg/Kg-dry	1	9/19/2014 04:00 PM
MOISTURE			A2540 G			Analyst: RLM
Moisture	9.9		0.050	% of sample	1	9/19/2014 04:40 PM
PH			SW9045D	Prep: EXTRACT / 9/22/14		Analyst: JB
pH	8.3			s.u.	1	9/22/2014 02:00 PM

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

ALS Group USA, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc
Project: MDP 4 9.16.14
Sample ID: PB06
Collection Date: 9/16/2014 09:50 AM

Work Order: 1409891
Lab ID: 1409891-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
DRO (C10-C28)	12		SW8015M		Prep: SW3541 / 9/19/14	Analyst: IT
<i>Surr: 4-Terphenyl-d14</i>	<i>81.3</i>		<i>4.7</i>	<i>mg/Kg-dry</i>	<i>1</i>	9/20/2014 02:02 AM
			<i>39-133</i>	<i>%REC</i>	<i>1</i>	9/20/2014 02:02 AM
GASOLINE RANGE ORGANICS BY GC-FID						
GRO (C6-C10)	ND		SW8015		Prep: SW5035 / 9/18/14	Analyst: IT
<i>Surr: Toluene-d8</i>	<i>110</i>		<i>2,900</i>	<i>µg/Kg-dry</i>	<i>1</i>	9/20/2014 01:53 PM
			<i>50-150</i>	<i>%REC</i>	<i>1</i>	9/20/2014 01:53 PM
MERCURY BY CVAA						
Mercury	0.064		SW7471		Prep: SW7471 / 9/22/14	Analyst: LR
			0.017	mg/Kg-dry	1	9/22/2014 07:38 PM
SOLUBLE CATIONS FOR SAR						
			SW846 6010C		Prep: USDA Method 20B / 9/22/14	Analyst: JEC
Calcium	86		5.0	mg/L	10	9/22/2014 04:32 PM
Magnesium	43		2.0	mg/L	10	9/22/2014 04:32 PM
Sodium	75		2.0	mg/L	10	9/22/2014 04:32 PM
METALS BY ICP-MS						
			SW6020A		Prep: SW3050B / 9/19/14	Analyst: ML
Arsenic	8.5		1.9	mg/Kg-dry	4	9/20/2014 03:20 AM
Barium	580		1.9	mg/Kg-dry	4	9/20/2014 03:20 AM
Cadmium	ND		0.76	mg/Kg-dry	4	9/20/2014 03:20 AM
Chromium	9.7		1.9	mg/Kg-dry	4	9/20/2014 03:20 AM
Copper	16		1.9	mg/Kg-dry	4	9/20/2014 03:20 AM
Lead	15		1.9	mg/Kg-dry	4	9/20/2014 03:20 AM
Nickel	12		1.9	mg/Kg-dry	4	9/20/2014 03:20 AM
Selenium	2.6		1.9	mg/Kg-dry	4	9/20/2014 03:20 AM
Silver	ND		1.9	mg/Kg-dry	4	9/20/2014 03:20 AM
Zinc	55		3.8	mg/Kg-dry	4	9/20/2014 03:20 AM
SODIUM ADSORPTION RATIO						
			USDA H60 METHOD		Prep: USDA Method 20B / 9/22/14	Analyst: JEC
Sodium Adsorption Ratio	1.7		0.010	none	1	9/22/2014
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW846 8270D		Prep: SW3541 / 9/19/14	Analyst: RM
Acenaphthene	ND		7.6	µg/Kg-dry	1	9/20/2014 08:24 PM
Anthracene	ND		7.6	µg/Kg-dry	1	9/20/2014 08:24 PM
Benzo(a)anthracene	ND		7.6	µg/Kg-dry	1	9/20/2014 08:24 PM
Benzo(a)pyrene	ND		7.6	µg/Kg-dry	1	9/20/2014 08:24 PM
Benzo(b)fluoranthene	ND		7.6	µg/Kg-dry	1	9/20/2014 08:24 PM
Benzo(k)fluoranthene	ND		7.6	µg/Kg-dry	1	9/20/2014 08:24 PM
Chrysene	ND		7.6	µg/Kg-dry	1	9/20/2014 08:24 PM
Dibenzo(a,h)anthracene	ND		7.6	µg/Kg-dry	1	9/20/2014 08:24 PM
Fluoranthene	ND		7.6	µg/Kg-dry	1	9/20/2014 08:24 PM

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

ALS Group USA, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc

Project: MDP 4 9.16.14

Sample ID: PB06

Collection Date: 9/16/2014 09:50 AM

Work Order: 1409891

Lab ID: 1409891-06

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		7.6	µg/Kg-dry	1	9/20/2014 08:24 PM
Indeno(1,2,3-cd)pyrene	ND		7.6	µg/Kg-dry	1	9/20/2014 08:24 PM
Naphthalene	ND		7.6	µg/Kg-dry	1	9/20/2014 08:24 PM
Pyrene	ND		7.6	µg/Kg-dry	1	9/20/2014 08:24 PM
Surr: 2-Fluorobiphenyl	70.2		12-100	%REC	1	9/20/2014 08:24 PM
Surr: 4-Terphenyl-d14	93.3		25-137	%REC	1	9/20/2014 08:24 PM
Surr: Nitrobenzene-d5	62.6		37-107	%REC	1	9/20/2014 08:24 PM
VOLATILE ORGANIC COMPOUNDS			SW8260B	Prep: SW5035 / 9/18/14		Analyst: RS
Benzene	ND		34	µg/Kg-dry	1	9/20/2014 08:59 AM
Ethylbenzene	ND		34	µg/Kg-dry	1	9/20/2014 08:59 AM
m,p-Xylene	ND		69	µg/Kg-dry	1	9/20/2014 08:59 AM
o-Xylene	ND		34	µg/Kg-dry	1	9/20/2014 08:59 AM
Toluene	ND		34	µg/Kg-dry	1	9/20/2014 08:59 AM
Xylenes, Total	ND		100	µg/Kg-dry	1	9/20/2014 08:59 AM
Surr: 1,2-Dichloroethane-d4	92.4		70-130	%REC	1	9/20/2014 08:59 AM
Surr: 4-Bromofluorobenzene	92.0		70-130	%REC	1	9/20/2014 08:59 AM
Surr: Dibromofluoromethane	98.2		70-130	%REC	1	9/20/2014 08:59 AM
Surr: Toluene-d8	87.2		70-130	%REC	1	9/20/2014 08:59 AM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHOD	Prep: USDA Method 20B / 9/22/14		Analyst: JB
Electrical Conductivity @ Saturation	1.4		0.050	mmhos/cm @25	10	9/22/2014 03:15 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	9.7		0.57	mg/Kg-dry	1	9/22/2014 04:15 PM
CHROMIUM, HEXAVALENT			SW7196A	Prep: SW3060A / 9/19/14		Analyst: MB
Chromium, Hexavalent	ND		0.57	mg/Kg-dry	1	9/19/2014 04:00 PM
MOISTURE			A2540 G			Analyst: RLM
Moisture	13		0.050	% of sample	1	9/19/2014 04:40 PM
PH			SW9045D	Prep: EXTRACT / 9/22/14		Analyst: JB
pH	8.2			s.u.	1	9/22/2014 02:00 PM

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

ALS Group USA, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc

Project: MDP 4 9.16.14

Sample ID: BG01

Collection Date: 9/16/2014 11:05 AM

Work Order: 1409891

Lab ID: 1409891-07

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			SW6020A		Prep: SW3050B / 9/19/14	Analyst: ML
Arsenic	6.2		1.8	mg/Kg-dry	4	9/20/2014 03:26 AM
MOISTURE			A2540 G			Analyst: RLM
Moisture	12		0.050	% of sample	1	9/19/2014 04:40 PM

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

ALS Group USA, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc

Project: MDP 4 9.16.14

Sample ID: BG02

Collection Date: 9/16/2014 11:10 AM

Work Order: 1409891

Lab ID: 1409891-08

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<hr/>						
METALS BY ICP-MS			SW6020A		Prep: SW3050B / 9/19/14	Analyst: ML
Arsenic	5.4		1.5	mg/Kg-dry	4	9/20/2014 03:32 AM
MOISTURE			A2540 G			Analyst: RLM
Moisture	15		0.050	% of sample	1	9/19/2014 04:40 PM

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

ALS Group USA, Corp**Date:** 25-Sep-14**Client:** LT Environmental, Inc**Project:** MDP 4 9.16.14**Sample ID:** BG03**Collection Date:** 9/16/2014 11:15 AM**Work Order:** 1409891**Lab ID:** 1409891-09**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<hr/>						
METALS BY ICP-MS			SW6020A		Prep: SW3050B / 9/19/14	Analyst: ML
Arsenic	3.4		1.6	mg/Kg-dry	4	9/20/2014 03:57 AM
MOISTURE			A2540 G			Analyst: RLM
Moisture	11		0.050	% of sample	1	9/19/2014 04:40 PM

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

ALS Group USA, Corp

Date: 25-Sep-14

Client: LT Environmental, Inc

Project: MDP 4 9.16.14

Sample ID: BG04

Collection Date: 9/16/2014 11:20 AM

Work Order: 1409891

Lab ID: 1409891-10

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<hr/>						
METALS BY ICP-MS			SW6020A		Prep: SW3050B / 9/19/14	Analyst: ML
Arsenic	2.2		1.4	mg/Kg-dry	4	9/20/2014 04:03 AM
MOISTURE			A2540 G			Analyst: RLM
Moisture	6.5		0.050	% of sample	1	9/19/2014 04:40 PM

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

Client: LT Environmental, Inc

QC BATCH REPORT

Work Order: 1409891

Project: MDP 4 9.16.14

Batch ID: 62961

Instrument ID GC8

Method: SW8015M

MBLK		Sample ID: DBLKS1-62961-62961				Units: mg/Kg		Analysis Date: 9/19/2014 05:19 PM		
Client ID:		Run ID: GC8_140919B				SeqNo: 2946281		Prep Date: 9/19/2014		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								
Surr: 4-Terphenyl-d14	1.647	0	2	0	82.4	39-133	0			

LCS		Sample ID: DLCSS1-62961-62961				Units: mg/Kg		Analysis Date: 9/19/2014 05:46 PM		
Client ID:		Run ID: GC8_140919B				SeqNo: 2946284		Prep Date: 9/19/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	177.4	5.0	200	0	88.7	61-109	0			
Surr: 4-Terphenyl-d14	1.541	0	2	0	77.1	39-133	0			

MS		Sample ID: 1409892-01A MS				Units: mg/Kg		Analysis Date: 9/19/2014 06:14 PM		
Client ID:		Run ID: GC8_140919B				SeqNo: 2946286		Prep Date: 9/19/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	612	8.3	331.3	72.35	163	48-110	0			S
Surr: 4-Terphenyl-d14	2.654	0	3.313	0	80.1	39-133	0			

MSD		Sample ID: 1409892-01A MSD				Units: mg/Kg		Analysis Date: 9/19/2014 06:41 PM		
Client ID:		Run ID: GC8_140919B				SeqNo: 2946288		Prep Date: 9/19/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	336	8.1	325.3	72.35	81	48-110	612	58.2	30	R
Surr: 4-Terphenyl-d14	2.433	0	3.253	0	74.8	39-133	2.654	8.68	30	

The following samples were analyzed in this batch:

1409891-01A	1409891-02A	1409891-03A
1409891-04A	1409891-05A	1409891-06A

Client: LT Environmental, Inc
 Work Order: 1409891
 Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: **63010** Instrument ID **GC8** Method: **SW8015M**

MBLK		Sample ID: DBLKS1-63010-63010				Units: mg/Kg		Analysis Date: 9/22/2014 05:22 PM		
Client ID:		Run ID: GC8_140922A				SeqNo: 2947982		Prep Date: 9/22/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	ND	4.2								
<i>Surr: 4-Terphenyl-d14</i>	1.345	0	1.667	0	80.7	39-133	0			

LCS		Sample ID: DLCSS1-63010-63010				Units: mg/Kg		Analysis Date: 9/22/2014 05:49 PM		
Client ID:		Run ID: GC8_140922A				SeqNo: 2947985		Prep Date: 9/22/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	169.3	4.2	166.7	0	102	61-109	0			
<i>Surr: 4-Terphenyl-d14</i>	1.305	0	1.667	0	78.3	39-133	0			

MS		Sample ID: 14091000-03B MS				Units: mg/Kg		Analysis Date: 9/23/2014 10:42 AM		
Client ID:		Run ID: GC8_140923A				SeqNo: 2948157		Prep Date: 9/22/2014		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	8522	80	321.3	5668	888	48-110	0			SO
<i>Surr: 4-Terphenyl-d14</i>	7.738	0	3.213	0	241	39-133	0			S

MSD		Sample ID: 14091000-03B MSD				Units: mg/Kg		Analysis Date: 9/23/2014 11:10 AM		
Client ID:		Run ID: GC8_140923A				SeqNo: 2948160		Prep Date: 9/22/2014		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	9230	81	324.3	5668	1100	48-110	8522	7.98	30	SO
<i>Surr: 4-Terphenyl-d14</i>	3.1	0	3.243	0	95.6	39-133	7.738	85.6	30	R

The following samples were analyzed in this batch: 1409891-01A

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

Client: LT Environmental, Inc
 Work Order: 1409891
 Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: **62940** Instrument ID **GC9** Method: **SW8015**

MBLK		Sample ID: MBLK-62940-62940				Units: µg/Kg		Analysis Date: 9/19/2014 12:19 PM		
Client ID:		Run ID: GC9_140918A				SeqNo: 2942931		Prep Date: 9/18/2014		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								
<i>Surr: Toluene-d8</i>	5206	0	5000	0	104	50-150	0			

LCS		Sample ID: LCS-62940-62940				Units: µg/Kg		Analysis Date: 9/18/2014 11:53 PM		
Client ID:		Run ID: GC9_140918A				SeqNo: 2942920		Prep Date: 9/18/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	427200	2,500	500000	0	85.4	70-130	0			
<i>Surr: Toluene-d8</i>	5006	0	5000	0	100	50-150	0			

MS		Sample ID: 1409876-04A MS				Units: µg/Kg		Analysis Date: 9/19/2014 01:38 PM		
Client ID:		Run ID: GC9_140919A				SeqNo: 2945594		Prep Date: 9/18/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	419100	2,500	500000	0	83.8	70-130	0			
<i>Surr: Toluene-d8</i>	5828	0	5000	0	117	50-150	0			

MSD		Sample ID: 1409876-04A MSD				Units: µg/Kg		Analysis Date: 9/19/2014 02:04 PM		
Client ID:		Run ID: GC9_140919A				SeqNo: 2945597		Prep Date: 9/18/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	569500	2,500	500000	0	114	70-130	419100	30.4	30	R
<i>Surr: Toluene-d8</i>	4370	0	5000	0	87.4	50-150	5828	28.6	30	

The following samples were analyzed in this batch:

1409891-01A	1409891-02A	1409891-03A
1409891-04A	1409891-05A	1409891-06A

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

Client: LT Environmental, Inc
Work Order: 1409891
Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: **63044** Instrument ID **HG1** Method: **SW7471**

Sample ID: MBLK-63044-63044				Units: mg/Kg			Analysis Date: 9/22/2014 06:09 PM				
Client ID:			Run ID: HG1_140922A			SeqNo: 2947030		Prep Date: 9/22/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury	0.003167	0.020								J	

LCS		Sample ID: LCS-63044-63044				Units:mg/Kg		Analysis Date: 9/22/2014 06:11 PM		
Client ID:		Run ID: HG1_140922A			SeqNo:2947031		Prep Date: 9/22/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.1798	0.020	0.1665	0	108	80-120	0			

MS	Sample ID: 1409942-01BMS					Units:mg/Kg		Analysis Date: 9/22/2014 06:16 PM			
	Client ID:		Run ID: HG1_140922A			SeqNo:2947033		Prep Date: 9/22/2014		DF: 1	
	Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
	Mercury	0.144	0.013	0.1066	0.0239	113	75-125		0		

MSD				Sample ID: 1409942-01BMSD				Units:mg/Kg			Analysis Date: 9/22/2014 06:18 PM			
Client ID:				Run ID: HG1_140922A				SeqNo:2947034			Prep Date: 9/22/2014		DF: 1	
Analyte				Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury				0.1475	0.013	0.1049	0.0239	118	75-125	0.144	2.37	35		

The following samples were analyzed in this batch:

1409891-01A	1409891-02A	1409891-03A
1409891-04A	1409891-05A	1409891-06A

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

Client: LT Environmental, Inc
Work Order: 1409891
Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: **62942** Instrument ID **ICP2** Method: **SW846 6010C**

DUP		Sample ID: 1409878-01B DUP				Units: mg/L		Analysis Date: 9/22/2014 11:38 AM		
Client ID:		Run ID: ICP2_140922A				SeqNo: 2946048		Prep Date: 9/22/2014		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	108.8	5.0	0	0	0	0-0	0			
Magnesium	17.56	2.0	0	0	0	0-0	0			
Sodium	8.548	2.0	0	0	0	0-0	0			

The following samples were analyzed in this batch:

1409891-01B	1409891-02B	1409891-03B
1409891-04B	1409891-05B	1409891-06B

Batch ID: **62942** Instrument ID **SAR** Method: **USDA H60 Method**

DUP		Sample ID: 1409878-01B DUP				Units: none		Analysis Date: 9/22/2014		
Client ID:		Run ID: SAR_140922A				SeqNo: 2946563		Prep Date: 9/22/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium Adsorption Ratio	0.2005	0.010	0	0	0		0.2142	6.57	50	

The following samples were analyzed in this batch:

1409891-01B	1409891-02B	1409891-03B
1409891-04B	1409891-05B	1409891-06B

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

Client: LT Environmental, Inc
 Work Order: 1409891
 Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: **62981** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK		Sample ID: MBLK-62981-62981				Units: mg/Kg		Analysis Date: 9/20/2014 01:48 AM		
Client ID:		Run ID: ICPMS1_140919A				SeqNo: 2945336		Prep Date: 9/19/2014		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	0.008235	0.25								J
Cadmium	ND	0.10								
Chromium	ND	0.25								
Copper	ND	0.25								
Lead	ND	0.25								
Nickel	ND	0.25								
Selenium	0.03875	0.25								J
Silver	ND	0.25								
Zinc	0.1595	0.50								J

LCS		Sample ID: LCS-62981-62981				Units: mg/Kg		Analysis Date: 9/20/2014 02:37 AM		
Client ID:		Run ID: ICPMS1_140919A				SeqNo: 2945349		Prep Date: 9/19/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.591	0.25	5	0	91.8	80-120	0			
Barium	4.777	0.25	5	0	95.5	80-120	0			
Cadmium	4.825	0.10	5	0	96.5	80-120	0			
Chromium	4.854	0.25	5	0	97.1	80-120	0			
Copper	4.638	0.25	5	0	92.8	80-120	0			
Lead	4.714	0.25	5	0	94.3	80-120	0			
Nickel	4.78	0.25	5	0	95.6	80-120	0			
Selenium	4.539	0.25	5	0	90.8	80-120	0			
Silver	4.696	0.25	5	0	93.9	80-120	0			
Zinc	4.86	0.50	5	0	97.2	80-120	0			

MS		Sample ID: 1409900-09BMS				Units: mg/Kg		Analysis Date: 9/22/2014 03:58 PM		
Client ID:		Run ID: ICPMS1_140922A				SeqNo: 2946886		Prep Date: 9/19/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	6.702	0.33	6.596	0.896	88	75-125	0			
Barium	30.48	0.33	6.596	17.81	192	75-125	0			S
Cadmium	6.241	0.13	6.596	0.05485	93.8	75-125	0			
Chromium	11.41	0.33	6.596	4.301	108	75-125	0			
Copper	7.942	0.33	6.596	1.676	95	75-125	0			
Lead	9.096	0.33	6.596	2.559	99.1	75-125	0			
Nickel	9.96	0.33	6.596	3.197	103	75-125	0			
Selenium	6.379	0.33	6.596	0.6284	87.2	75-125	0			
Silver	5.805	0.33	6.596	0.006848	87.9	75-125	0			
Zinc	20.17	0.66	6.596	11.56	131	75-125	0			S

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

Client: LT Environmental, Inc
Work Order: 1409891
Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: **62981** Instrument ID **ICPMS1** Method: **SW6020A**

MSD		Sample ID: 1409900-09BMSD				Units: mg/Kg		Analysis Date: 9/22/2014 04:04 PM		
Client ID:		Run ID: ICPMS1_140922A				SeqNo: 2946887		Prep Date: 9/19/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	6.718	0.33	6.684	0.896	87.1	75-125	6.702	0.239	25	
Barium	25.98	0.33	6.684	17.81	122	75-125	30.48	15.9	25	
Cadmium	6.282	0.13	6.684	0.05485	93.2	75-125	6.241	0.649	25	
Chromium	13.44	0.33	6.684	4.301	137	75-125	11.41	16.3	25	S
Copper	8.175	0.33	6.684	1.676	97.2	75-125	7.942	2.89	25	
Lead	9.452	0.33	6.684	2.559	103	75-125	9.096	3.83	25	
Nickel	10.83	0.33	6.684	3.197	114	75-125	9.96	8.35	25	
Selenium	6.656	0.33	6.684	0.6284	90.2	75-125	6.379	4.24	25	
Silver	5.912	0.33	6.684	0.006848	88.3	75-125	5.805	1.83	25	
Zinc	21.65	0.67	6.684	11.56	151	75-125	20.17	7.08	25	S

The following samples were analyzed in this batch:

1409891-01A	1409891-02A	1409891-03A
1409891-04A	1409891-05A	1409891-06A
1409891-07A	1409891-08A	1409891-09A
1409891-10A		

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

Client: LT Environmental, Inc
 Work Order: 1409891
 Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: **62960** Instrument ID **SVMS5** Method: **SW846 8270D**

MBLK		Sample ID: SBLKS1-62960-62960				Units: µg/Kg		Analysis Date: 9/20/2014 01:45 PM		
Client ID:		Run ID: SVMS5_140920A				SeqNo: 2946208		Prep Date: 9/19/2014		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								
Surr: 2-Fluorobiphenyl	1408	0	1667	0	84.5	12-100	0			
Surr: 4-Terphenyl-d14	2048	0	1667	0	123	25-137	0			
Surr: Nitrobenzene-d5	1352	0	1667	0	81.1	37-107	0			

LCS		Sample ID: SLCSS1-62960-62960				Units: µg/Kg		Analysis Date: 9/20/2014 02:07 PM		
Client ID:		Run ID: SVMS5_140920A				SeqNo: 2946211		Prep Date: 9/19/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	674.3	6.7	666.7	0	101	45-110	0			
Anthracene	676.7	6.7	666.7	0	101	55-105	0			
Benzo(a)anthracene	718	6.7	666.7	0	108	50-110	0			
Benzo(a)pyrene	731.7	6.7	666.7	0	110	50-110	0			
Benzo(b)fluoranthene	727	6.7	666.7	0	109	45-115	0			
Benzo(k)fluoranthene	731	6.7	666.7	0	110	45-115	0			
Chrysene	732.7	6.7	666.7	0	110	55-110	0			
Dibenzo(a,h)anthracene	621	6.7	666.7	0	93.1	40-125	0			
Fluoranthene	732.7	6.7	666.7	0	110	55-115	0			
Fluorene	694.7	6.7	666.7	0	104	50-110	0			
Indeno(1,2,3-cd)pyrene	639	6.7	666.7	0	95.8	40-120	0			
Naphthalene	665.3	6.7	666.7	0	99.8	40-105	0			
Pyrene	779.3	6.7	666.7	0	117	45-125	0			
Surr: 2-Fluorobiphenyl	1368	0	1667	0	82.1	12-100	0			
Surr: 4-Terphenyl-d14	1823	0	1667	0	109	25-137	0			
Surr: Nitrobenzene-d5	1373	0	1667	0	82.4	37-107	0			

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

Client: LT Environmental, Inc
 Work Order: 1409891
 Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: 62960 Instrument ID SVMS5 Method: SW846 8270D

MS				Sample ID: 1409698-03B MS				Units: µg/Kg		Analysis Date: 9/20/2014 07:02 PM	
Client ID:			Run ID: SVMS5_140920A			SeqNo:2946213		Prep Date: 9/19/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Acenaphthene	1185	13	1291	0	91.8	45-110	0				
Anthracene	1464	13	1291	0	113	55-105	0			S	
Benzo(a)anthracene	1731	13	1291	221.2	117	50-110	0			S	
Benzo(a)pyrene	1633	13	1291	0	126	50-110	0			S	
Benzo(b)fluoranthene	1767	13	1291	0	137	45-115	0			S	
Benzo(k)fluoranthene	1757	13	1291	0	136	45-115	0			S	
Chrysene	1790	13	1291	0	139	55-110	0			S	
Dibenzo(a,h)anthracene	1375	13	1291	40.28	103	40-125	0				
Fluoranthene	1784	13	1291	0	138	55-115	0			S	
Fluorene	1355	13	1291	0	105	50-110	0				
Indeno(1,2,3-cd)pyrene	1468	13	1291	166.6	101	40-120	0				
Naphthalene	1105	13	1291	0	85.6	40-105	0				
Pyrene	2137	13	1291	0	166	45-125	0			S	
Surr: 2-Fluorobiphenyl	2327	0	3227	0	72.1	12-100	0				
Surr: 4-Terphenyl-d14	3762	0	3227	0	117	25-137	0				
Surr: Nitrobenzene-d5	2339	0	3227	0	72.5	37-107	0				

MSD				Sample ID: 1409698-03B MSD				Units: µg/Kg		Analysis Date: 9/20/2014 07:23 PM	
Client ID:			Run ID: SVMS5_140920A			SeqNo:2946216		Prep Date: 9/19/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Acenaphthene	1323	13	1299	0	102	45-110	1185	11	30		
Anthracene	1568	13	1299	0	121	55-105	1464	6.9	30	S	
Benzo(a)anthracene	1820	13	1299	221.2	123	50-110	1731	5.04	30	S	
Benzo(a)pyrene	1720	13	1299	0	132	50-110	1633	5.22	30	S	
Benzo(b)fluoranthene	1881	13	1299	0	145	45-115	1767	6.28	30	S	
Benzo(k)fluoranthene	1794	13	1299	0	138	45-115	1757	2.05	30	S	
Chrysene	1875	13	1299	0	144	55-110	1790	4.66	30	S	
Dibenzo(a,h)anthracene	1448	13	1299	40.28	108	40-125	1375	5.12	30		
Fluoranthene	1904	13	1299	0	146	55-115	1784	6.46	30	S	
Fluorene	1462	13	1299	0	112	50-110	1355	7.61	30	S	
Indeno(1,2,3-cd)pyrene	1582	13	1299	166.6	109	40-120	1468	7.46	30		
Naphthalene	1277	13	1299	0	98.2	40-105	1105	14.4	30		
Pyrene	2116	13	1299	0	163	45-125	2137	0.977	30	S	
Surr: 2-Fluorobiphenyl	2659	0	3249	0	81.8	12-100	2327	13.3	40		
Surr: 4-Terphenyl-d14	3825	0	3249	0	118	25-137	3762	1.66	40		
Surr: Nitrobenzene-d5	2706	0	3249	0	83.3	37-107	2339	14.6	40		

The following samples were analyzed in this batch:

1409891-02A	1409891-03A	1409891-04A
1409891-05A	1409891-06A	

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

Client: LT Environmental, Inc
Work Order: 1409891
Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: **63071** Instrument ID **SVMS4** Method: **SW846 8270D**

MBLK		Sample ID: SBLKS1-63071-63071				Units: µg/Kg		Analysis Date: 9/23/2014 09:18 PM		
Client ID:		Run ID: SVMS4_140923A				SeqNo: 2951173		Prep Date: 9/23/2014		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								
Surr: 2-Fluorobiphenyl	1384	0	1667	0	83.1	12-100	0			
Surr: 4-Terphenyl-d14	1708	0	1667	0	102	25-137	0			
Surr: Nitrobenzene-d5	1307	0	1667	0	78.4	37-107	0			

LCS		Sample ID: SLCSS1-63071-63071				Units: µg/Kg		Analysis Date: 9/23/2014 09:44 PM		
Client ID:		Run ID: SVMS4_140923A				SeqNo: 2951174		Prep Date: 9/23/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	563.7	6.7	666.7	0	84.5	45-110	0			
Anthracene	662.3	6.7	666.7	0	99.3	55-105	0			
Benzo(a)anthracene	635	6.7	666.7	0	95.2	50-110	0			
Benzo(a)pyrene	657	6.7	666.7	0	98.5	50-110	0			
Benzo(b)fluoranthene	654.7	6.7	666.7	0	98.2	45-115	0			
Benzo(k)fluoranthene	693	6.7	666.7	0	104	45-115	0			
Chrysene	680.7	6.7	666.7	0	102	55-110	0			
Dibenzo(a,h)anthracene	685.7	6.7	666.7	0	103	40-125	0			
Fluoranthene	641.7	6.7	666.7	0	96.2	55-115	0			
Fluorene	590.3	6.7	666.7	0	88.5	50-110	0			
Indeno(1,2,3-cd)pyrene	666.7	6.7	666.7	0	100	40-120	0			
Naphthalene	564	6.7	666.7	0	84.6	40-105	0			
Pyrene	721.7	6.7	666.7	0	108	45-125	0			
Surr: 2-Fluorobiphenyl	1395	0	1667	0	83.7	12-100	0			
Surr: 4-Terphenyl-d14	1792	0	1667	0	108	25-137	0			
Surr: Nitrobenzene-d5	1362	0	1667	0	81.7	37-107	0			

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

Client: LT Environmental, Inc
 Work Order: 1409891
 Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: 63071 Instrument ID SVMS4 Method: SW846 8270D

MS				Sample ID: 1409959-01A MS			Units: µg/Kg		Analysis Date: 9/23/2014 10:10 PM		
Client ID:		Run ID: SVMS4_140923A			SeqNo:2951175		Prep Date: 9/23/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Acenaphthene	1587	20	1973	0	80.4	45-110	0				
Anthracene	1933	20	1973	0	97.9	55-105	0				
Benzo(a)anthracene	1854	20	1973	42.16	91.8	50-110	0				
Benzo(a)pyrene	1985	20	1973	0	101	50-110	0				
Benzo(b)fluoranthene	2068	20	1973	0	105	45-115	0				
Benzo(k)fluoranthene	2145	20	1973	0	109	45-115	0				
Chrysene	1956	20	1973	0	99.1	55-110	0				
Dibenzo(a,h)anthracene	1931	20	1973	56.82	95	40-125	0				
Fluoranthene	1946	20	1973	0	98.6	55-115	0				
Fluorene	1699	20	1973	0	86.1	50-110	0				
Indeno(1,2,3-cd)pyrene	1992	20	1973	111.8	95.3	40-120	0				
Naphthalene	1552	20	1973	0	78.6	40-105	0				
Pyrene	1974	20	1973	0	100	45-125	0				
Surr: 2-Fluorobiphenyl	3790	0	4933	0	76.8	12-100	0				
Surr: 4-Terphenyl-d14	4781	0	4933	0	96.9	25-137	0				
Surr: Nitrobenzene-d5	3650	0	4933	0	74	37-107	0				

MSD				Sample ID: 1409959-01A MSD			Units: µg/Kg		Analysis Date: 9/23/2014 10:36 PM		
Client ID:			Run ID: SVMS4_140923A			SeqNo:2951176		Prep Date: 9/23/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Acenaphthene	1540	19	1891	0	81.4	45-110	1587	3.01	30		
Anthracene	1898	19	1891	0	100	55-105	1933	1.78	30		
Benzo(a)anthracene	1807	19	1891	42.16	93.3	50-110	1854	2.56	30		
Benzo(a)pyrene	1863	19	1891	0	98.5	50-110	1985	6.31	30		
Benzo(b)fluoranthene	1993	19	1891	0	105	45-115	2068	3.68	30		
Benzo(k)fluoranthene	1983	19	1891	0	105	45-115	2145	7.85	30		
Chrysene	1855	19	1891	0	98.1	55-110	1956	5.31	30		
Dibenzo(a,h)anthracene	1822	19	1891	56.82	93.3	40-125	1931	5.79	30		
Fluoranthene	1870	19	1891	0	98.9	55-115	1946	4	30		
Fluorene	1636	19	1891	0	86.5	50-110	1699	3.79	30		
Indeno(1,2,3-cd)pyrene	1829	19	1891	111.8	90.8	40-120	1992	8.49	30		
Naphthalene	1513	19	1891	0	80	40-105	1552	2.55	30		
Pyrene	1933	19	1891	0	102	45-125	1974	2.07	30		
Surr: 2-Fluorobiphenyl	3552	0	4727	0	75.1	12-100	3790	6.48	40		
Surr: 4-Terphenyl-d14	4558	0	4727	0	96.4	25-137	4781	4.77	40		
Surr: Nitrobenzene-d5	3540	0	4727	0	74.9	37-107	3650	3.07	40		

The following samples were analyzed in this batch:

1409891-01A

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

Client: LT Environmental, Inc
 Work Order: 1409891
 Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: **62943** Instrument ID **VMS8** Method: **SW8260B**

MS				Sample ID: 1409891-05A MS				Units: µg/Kg		Analysis Date: 9/20/2014 12:39 PM	
Client ID: PB05			Run ID: VMS8_140919B			SeqNo: 2944633		Prep Date: 9/18/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	1122	30	1000	0	112	75-125	0				
Ethylbenzene	956	30	1000	0	95.6	75-125	0				
m,p-Xylene	1852	60	2000	0	92.6	80-125	0				
o-Xylene	948	30	1000	0	94.8	75-125	0				
Toluene	866.5	30	1000	0	86.6	70-125	0				
Xylenes, Total	2800	90	3000	0	93.4	75-125	0				
Surr: 1,2-Dichloroethane-d4	943.5	0	1000	0	94.4	70-130	0				
Surr: 4-Bromofluorobenzene	1006	0	1000	0	101	70-130	0				
Surr: Dibromofluoromethane	996	0	1000	0	99.6	70-130	0				
Surr: Toluene-d8	868.5	0	1000	0	86.8	70-130	0				

MSD				Sample ID: 1409891-05A MSD			Units: µg/Kg		Analysis Date: 9/20/2014 01:04 PM		
Client ID: PB05			Run ID: VMS8_140919B			SeqNo: 2944634		Prep Date: 9/18/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	949.5	30	1000	0	95	75-125	1122	16.7	30		
Ethylbenzene	942	30	1000	0	94.2	75-125	956	1.48	30		
m,p-Xylene	1820	60	2000	0	91	80-125	1852	1.77	30		
o-Xylene	937	30	1000	0	93.7	75-125	948	1.17	30		
Toluene	864.5	30	1000	0	86.4	70-125	866.5	0.231	30		
Xylenes, Total	2757	90	3000	0	91.9	75-125	2800	1.57	30		
Surr: 1,2-Dichloroethane-d4	916	0	1000	0	91.6	70-130	943.5	2.96	30		
Surr: 4-Bromofluorobenzene	981	0	1000	0	98.1	70-130	1006	2.57	30		
Surr: Dibromofluoromethane	1014	0	1000	0	101	70-130	996	1.74	30		
Surr: Toluene-d8	883.5	0	1000	0	88.4	70-130	868.5	1.71	30		

The following samples were analyzed in this batch:

1409891-01A	1409891-02A	1409891-03A
1409891-04A	1409891-05A	1409891-06A

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

Client: LT Environmental, Inc
Work Order: 1409891
Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: **62942** Instrument ID **WETCHEM** Method: **USDA H60 Method**

DUP		Sample ID: 1409878-01B DUP				Units: mmhos/cm @25°C		Analysis Date: 9/22/2014 03:15 PM		
Client ID:		Run ID: WETCHEM_140922M				SeqNo: 2946586		Prep Date: 9/22/2014		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturation	0.745	0.050	0	0	0		0.749	0.535	50	

The following samples were analyzed in this batch:

1409891-01B	1409891-02B	1409891-03B
1409891-04B	1409891-05B	1409891-06B

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

Client: LT Environmental, Inc
 Work Order: 1409891
 Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: **62980** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK		Sample ID: MBLK-62980-62980				Units: mg/Kg		Analysis Date: 9/19/2014 04:00 PM		
Client ID:		Run ID: WETCHEM_140919P				SeqNo: 2944345		Prep Date: 9/19/2014		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-62980-62980				Units: mg/Kg		Analysis Date: 9/19/2014 04:00 PM		
Client ID:		Run ID: WETCHEM_140919P				SeqNo: 2944344		Prep Date: 9/19/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.72 0.50 2 0 86 80-120 0

MS		Sample ID: 1409878-07A MS				Units: mg/Kg		Analysis Date: 9/19/2014 04:00 PM		
Client ID:		Run ID: WETCHEM_140919P				SeqNo: 2944333		Prep Date: 9/19/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.304 0.49 1.976 0.06375 62.8 75-125 0 S

MS		Sample ID: 1409878-07A MSI				Units: mg/Kg		Analysis Date: 9/19/2014 04:00 PM		
Client ID:		Run ID: WETCHEM_140919P				SeqNo: 2944335		Prep Date: 9/19/2014		DF: 100
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 978.3 49 992.1 0.06375 98.6 75-125 0

MSD		Sample ID: 1409878-07A MSD				Units: mg/Kg		Analysis Date: 9/19/2014 04:00 PM		
Client ID:		Run ID: WETCHEM_140919P				SeqNo: 2944334		Prep Date: 9/19/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.46 0.50 1.984 0.06375 70.4 75-125 1.304 11.3 20 S

The following samples were analyzed in this batch:

1409891-01A	1409891-02A	1409891-03A
1409891-04A	1409891-05A	1409891-06A

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

Client: LT Environmental, Inc
Work Order: 1409891
Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: **63049** Instrument ID **WETCHEM** Method: **SW9045D**

LCS					Sample ID: LCS-63049-63049					Units:s.u.			Analysis Date: 9/22/2014 02:00 PM				
Client ID:					Run ID: WETCHEM_140922K					SeqNo: 2946303			Prep Date: 9/22/2014			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: 1409891-02A DUP				Units: s.u.			Analysis Date: 9/22/2014 02:00 PM		
Client ID: PB02				Run ID: WETCHEM_140922K				SeqNo: 2946306		Prep Date: 9/22/2014		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
pH		8.18	0	0	0	0	0-0	8.15	0.367	20			

The following samples were analyzed in this batch:

1409891-01A	1409891-02A	1409891-03A
1409891-04A	1409891-05A	1409891-06A

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

Client: LT Environmental, Inc
Work Order: 1409891
Project: MDP 4 9.16.14

QC BATCH REPORT

Batch ID: **R148637** Instrument ID **MOIST** Method: **A2540 G**

MBLK		Sample ID: WBLKS-R148637				Units: % of sample		Analysis Date: 9/19/2014 04:40 PM		
Client ID:		Run ID: MOIST_140919A				SeqNo: 2946143		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-R148637				Units: % of sample		Analysis Date: 9/19/2014 04:40 PM		
Client ID:		Run ID: MOIST_140919A				SeqNo: 2946142		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: 1409891-09A DUP				Units: % of sample		Analysis Date: 9/19/2014 04:40 PM		
Client ID: BG03		Run ID: MOIST_140919A				SeqNo: 2946133		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 11.16 0.050 0 0 0 0-0 11.14 0.179 20

DUP		Sample ID: 1409915-01A DUP				Units: % of sample		Analysis Date: 9/19/2014 04:40 PM		
Client ID:		Run ID: MOIST_140919A				SeqNo: 2946141		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 73.79 0.050 0 0 0 0-0 73.56 0.312 20

The following samples were analyzed in this batch:

1409891-01A	1409891-02A	1409891-03A
1409891-04A	1409891-05A	1409891-06A
1409891-07A	1409891-08A	1409891-09A
1409891-10A		

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



Chain of Custody Form

Page 1 of 1

COC ID: 53723

☐ Cincinnati, OH
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☐ Salt Lake City, UT
+1 801 266 7700

☐ Spring City, PA
+1 610 948 4903

☐ York, PA
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ALS Project Manager:

ALS Work Order #: 1409897

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	MDP 4	A	VOC (8260) BTEX
Work Order		Project Number	027311016	B	TPH GRO (8015M)
Company Name	LT Environmental	Bill To Company	←	C	TPH DRD (8015M)
Send Report To	Jake Janicek	Invoice Attn	Jake Janicek	D	PAH (8270) Low-Level (Table 910)
Address	820 Megan Ave, Unit B	Address	←	E	Cr3 (Calculation) & Cr6 (7196)
City/State/Zip	Rifle, CO 81650	City/State/Zip	←	F	Total Metals (6020) Table 910 Metals
Phone	970-285-9985	Phone	←	G	pH (9045)
Fax		Fax	55	H	SAR (LA29B SAR)
e-Mail Address	jjanicek@ltenv.com, rfishburn@ltenv.com	e-Mail Address	jjanicek ←	I	EC (LADNR-29B EC)
				J	SP (LADNR-29B SP) Total Arsenic

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	PB01	9-16-14	1015	SOIL	none	3	X	X	X	X	X	X	X	X	X		
2	PB02	9-16-14	1025	SOIL	none	3	X	X	X	X	X	X	X	X	X		
3	PB03	9-16-14	1005	SOIL	none	4	X	X	X	X	X	X	X	X	X		
4	PB04	9-16-14	1000	SOIL	none	3	X	X	X	X	X	X	X	X	X		
5	PB05	9-16-14	0938	SOIL	none	4	X	X	X	X	X	X	X	X	X		
6	PB06	9-16-14	0950	SOIL	none	4	X	X	X	X	X	X	X	X	X		
7	BG01	9-16-14	1105	SOIL	none	1										X	
8	BG02	9-16-14	1110	SOIL	none	1										X	
9	BG03	9-16-14	1115	SOIL	none	1										X	
10	BG04	9-16-14	1120	SOIL	none	1										X	

Sampler(s) Please Print & Sign Jake Janicek		Shipment Method Lab Hub		Required Turnaround Time: (Check Box) <input checked="" type="checkbox"/> Std 10 WK Days <input type="checkbox"/> 5 WK Days <input type="checkbox"/> 2 WK Days <input type="checkbox"/> 24 Hour		Results Due Date:	
Relinquished by: Janicek	Date: 9-16-14	Time: 1430	Received by: [Signature]	Notes:			
Relinquished by: [Signature]	Date: 9-16-14	Time: 1500	Received by (Laboratory): [Signature]	Cooler ID:	Cooler Temp: 5.0°C	QC Package: (Check One Box Below)	
Logged by (Laboratory): DES	Date: 9/16/14	Time: 1500	Checked by (Laboratory): [Signature]			<input checked="" type="checkbox"/> Level II Std QC <input type="checkbox"/> TRRP Checklist <input type="checkbox"/> Level III Std QC Raw Data <input type="checkbox"/> TRRP Level IV <input type="checkbox"/> Level IV SW846/CLP <input type="checkbox"/> Other/EDD	
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₈ 6-NaHSO ₄ 7-Other 8-4°C 9-5035							

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

Sample Receipt Checklist

Client Name: **LTENV**

Date/Time Received: **17-Sep-14 09:30**

Work Order: **1409891**

Received by: **DS**

Checklist completed by <u><i>Diane Shaw</i></u>	18-Sep-14	Reviewed by: <u><i>Ann Preston</i></u>	18-Sep-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 checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input 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>5.0 c</u>		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	<u>9/18/2014 3:19:33 PM</u>		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

From: (816) 399-6070
 Nick Martinez
 ALS Environmental
 127 E. 1st Street

PARACHUTE, CO 81635

Origin ID: RLA



J14201408100720

Ship Date: 16SEP14
 ActWgt: 60.0 LB
 CAD: 2264840/NET3550

Dims: 14 X 26 X 15 IN

Delivery Address Bar Code



Ref # 091614-1
 Invoice #
 PO # Parachute
 Dept #

SHIP TO: (816) 399-6070
 sample receiving
 ALS Laboratory Group
 3352 128TH AVE

BILL SENDER

HOLLAND, MI 49424

1 of 4

WED - 17 SEP 10:30A
 PRIORITY OVERNIGHT

TRK# 7711 7906 2132

MASTER

49424

MO-US

GRR

XX HLMA



82201CDB48ACD

After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

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ALS Parachute Custody Seal

DATE 9-16 Time 1740

Name [Signature]