



*Colorado Operations
792 Buckhorn Dr.
Rifle, CO 81650*

Lundgren A Pad

Sampling and Analysis

Plan

Colorado Operations

Piceance Basin
Garfield County, CO

March 2015

Sampling and Analysis Plan

Introduction

During a site inspection conducted on the Lundgren A by the Colorado Oil and Gas Conservation Commission (COGCC) on December 18, 2012 (Doc #: 668500248), it was noted that the current operator at the time (Antero Resources) was stockpiling waste on location as outlined on page 5 of the inspection report, "Multiple soil & E&P waste stockpiles." The observed stockpiled waste contained a corrective action date of February 22, 2013 to "Remove waste material, or submit a waste management plan."

During a baseline inspection completed on March 13, 2013 as part of a due diligence on behalf of Ursa Operating Company (Ursa), it was observed that no waste stockpiles or landfarms were present. Waste management records retrieval indicate that Antero Resources had disposed of all stockpiled waste on the Lundgren in January of 2013, fulfilling corrective action requirements outlined within the inspection.

In discussions with Ursa and the COGCC, it was conveyed that confirmation sampling is required from the pad surface to determine if all remaining soils satisfy COGCC Table 910-1 thresholds. Ursa has agreed to complete the confirmation sampling in order to close any pending "action required" items remaining from the December 18, 2012 inspection.

Sampling Procedures

Samples will be collected from the areas where stockpiled wastes were outlined in the Google Earth 2011 aerial photograph provided by the COGCC.

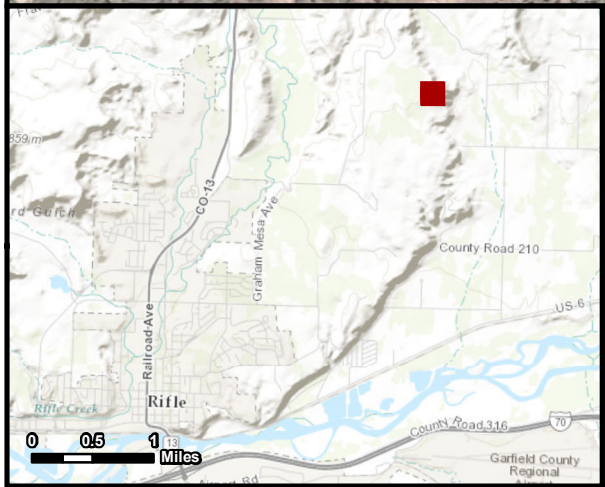
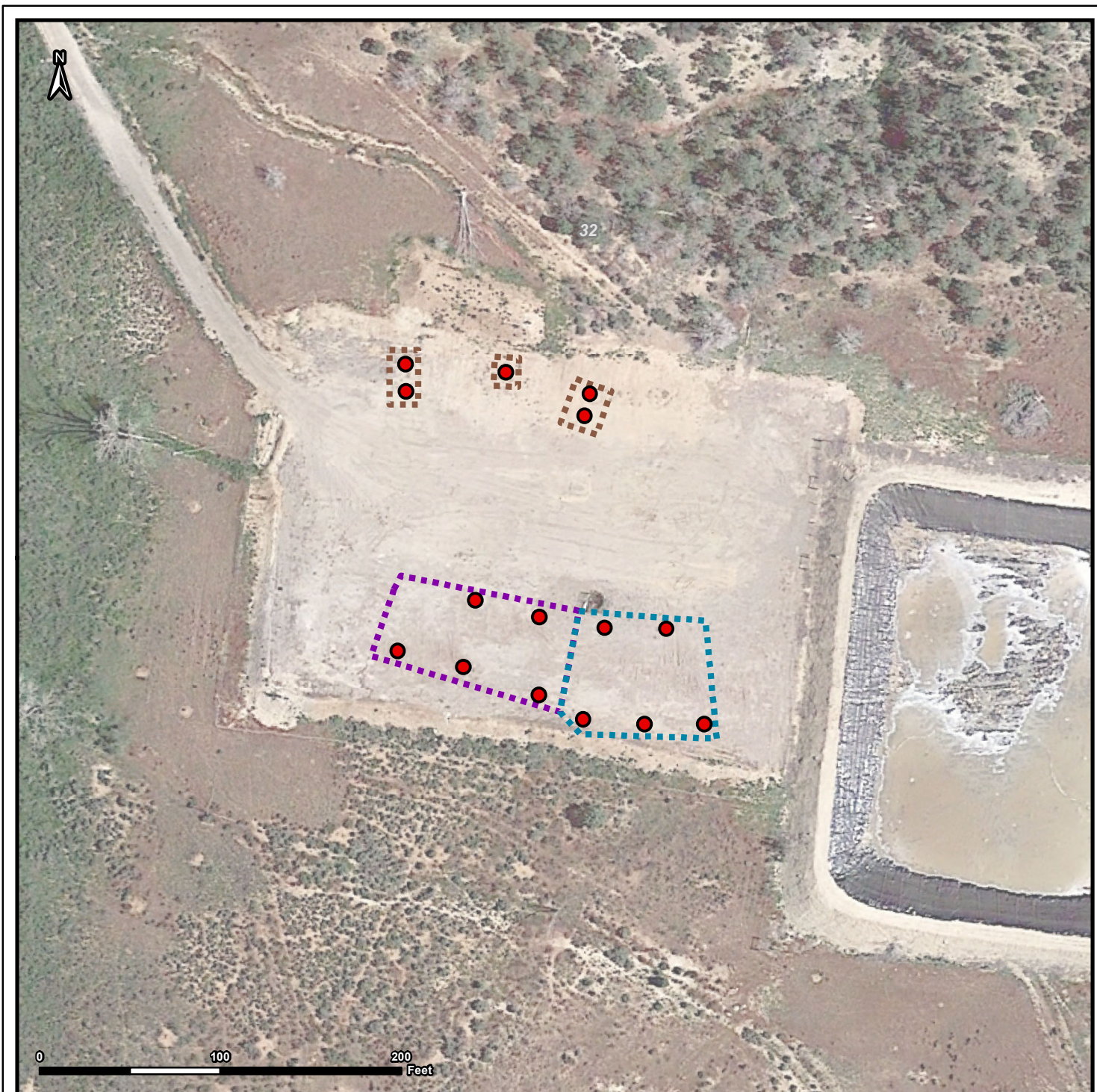
Confirmation sample(s) will be collected and submitted for lab analysis for verification from each area outlined in Figure 1 to confirm compliance with Rule 910 and Table 910-1. Below is the sampling proposed the areas solid waste was once present.

- Landfarm Area – The area along the southern side of the pad where the suspected landfarm was staged will be split into two sections (east and west). A five (5) point composite sample will be collected within each section at a depth of 2-6 inches below ground surface. Each composite will be submitted separately for COGCC Table 910-1.
- Stockpiled Soils – The three (3) areas on the north side of the pad outlined in Figure 1 as "Stockpiles" will be sampled at depth of 2-6 inches below ground surface and composited. The one composite will be analyzed for COGCC Table 910-1.

Background samples have been collected from an up-gradient undisturbed location from previous activities and will be used for inorganic and arsenic comparison.

Analytical Confirmation

Confirmation samples will be submitted to ALS Group Laboratory in Holland, Michigan for constituents outlined in COGCC Table 910-1.



NOTES / COMMENTS:

DISCLAIMER: This representation and the Geographic Information System (GIS) used to create it are designed as a source of reference and not intended to replace official records and/or legal surveys. HCS1 assumes no responsibility for any risks, dangers, or liabilities that may result from its use and makes no guarantees as to the quality or accuracy of the underlying data.



Ursa | OPERATING COMPANY

SAMPLE LOCATION MAP

Lundgren A

39.569760 -107.739873
Section 32, Township 5 South, Range 92 West

- Sample Location
- Stockpile Composite Samples
- Western Landfarm Comp.2
- Eastern Landfarm Comp.1



HRL COMPLIANCE SOLUTIONS, INC.
Environmental Consultants

Author: Hall

Revision: 0

Date: 4/10/2015

Lundgren Pad Confirmation Analytical Results

Ursa - Lundgren Pad Sampling	COGCC Table 910-1 Standards	Sample Location					
		Stockpile Composite	Eastern Landfarm Composite 2	Western Landfarm Composite 1	BKGD 1	BKGD 2	BKGD 3
DRO (C10-C28)	500	12	59	60			
GRO (C6-C10)		ND	ND	N/D			
Anthracene	1000	N/D	N/D	N/D			
Acenaphthene	1000	N/D	N/D	N/D			
Benzo(a)anthracene	0.22	N/D	N/D	N/D			
Benzo(a)pyrene	0.022	N/D	N/D	N/D			
Benzo(b)fluoranthene	0.22	N/D	N/D	N/D			
Benzo(k)fluoranthene	2.2	N/D	N/D	N/D			
Chrysene	22	N/D	N/D	N/D			
Dibenzo(a,h)anthracene	0.022	N/D	N/D	N/D			
Fluoranthene	1000	N/D	N/D	N/D			
Fluorene	1000	N/D	N/D	N/D			
Indeno(1,2,3,c,d)pyrene	0.22	N/D	N/D	N/D			
Naphthalene	23	N/D	0.009	N/D			
Pyrene	1000	N/D	N/D	N/D			
Benzene	0.17	N/D	N/D	N/D			
Ethylbenzene	100	N/D	N/D	N/D			
Toluene	85	N/D	N/D	N/D			
Xylenes, Total	175	N/D	N/D	N/D			
Arsenic	0.39	6.2	6.3	7.6	5.8	8.4	4.4
Barium	15,000	1,100	4,200	2,700			
Cadmium	70	N/D	N/D	N/D			
Chromium (III)	120,000	12	11	14			
Chromium (VI)	23	N/D	N/D	N/D			
Copper	3100	12	14	15			
Lead	400	9.1	12	111			
Mercury	23	0.015	0.017	0.023			
Nickel	1,600	13	13	17			
Selenium	390	N/D	N/D	N/D			
Silver	390	N/D	N/D	N/D			
Zinc	23,000	43	55	52			
pH	6-9	7.9	8.2	8.4	7.7		
Sodium Adsorption Ratio (SAR)	<12	3.3	6.5	7.2	0.62		
Specific Conductance	<4 mmhos/cm	3.3	3.7	3.6	0.160		

Note: Results are presented in mg/kg, unless otherwise noted.

Exceedances are highlighted in yellow.



15-Apr-2015

Kris Rowe
HRL Compliance Solutions, Inc
2385 F 1/2 Road
Grand Junction, CO 81505

Re: **Ursa - Lundgren A - Pad Confirmation Sampling**

Work Order: **1504484**

Dear Kris,

ALS Environmental received 3 samples on 08-Apr-2015 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 28.

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

Sincerely,

Chad Whelton

Electronically approved by: Chad Whelton

Chad Whelton
Project Manager



Certificate No: MN 532786

Report of Laboratory Analysis

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185

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

Environmental 

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: HRL Compliance Solutions, Inc
Project: Ursa - Lundgren A - Pad Confirmation Sampling
Work Order: 1504484

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>
1504484-01	Stockpile Composite	Soil		4/7/2015	4/8/2015 09:30	<input type="checkbox"/>
1504484-02	Western Landfarm Comp. 1	Soil		4/7/2015	4/8/2015 09:30	<input type="checkbox"/>
1504484-03	Eastern Landfarm Comp. 2	Soil		4/7/2015	4/8/2015 09:30	<input type="checkbox"/>

Client: HRL Compliance Solutions, Inc
Project: Ursa - Lundgren A - Pad Confirmation Sampling
Work Order: 1504484

Case Narrative

Batch 69698, Method ICP_6010_S, Sample 1504484-01A MS/MSD: The MS and MSD recoveries were outside of the control limits for Barium and Zinc; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required.

Batch 69698, Method ICP_6010_S, Sample 1504484-01A MS: The MS recovery was above the upper control limit for Silver. However, the MSD recovery and RPD between the MS and MSD were within control limits. No qualification is required.

<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
X	Analyte was detected in the Method Blank between the MDL and PQL, sample results may exhibit background or reagent contamination at the observed level.

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
% of sample	Percent of Sample
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: 15-Apr-15

Client: HRL Compliance Solutions, Inc

Project: Ursa - Lundgren A - Pad Confirmation Sampling

Sample ID: Stockpile Composite

Collection Date: 4/7/2015

Work Order: 1504484

Lab ID: 1504484-01

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 / 4/10/15	Analyst: IT
<i>Surr: 4-Terphenyl-d14</i>	63.2		4.6	mg/Kg-dry	1	4/13/2015 10:19 PM
			39-133	%REC	1	4/13/2015 10:19 PM
GASOLINE RANGE ORGANICS BY GC-FID						
GRO (C6-C10)	ND		SW8015D		Prep: SW5035 / 4/8/15	Analyst: IT
<i>Surr: Toluene-d8</i>	91.2		2.8	mg/Kg-dry	1	4/9/2015 12:44 PM
			50-150	%REC	1	4/9/2015 12:44 PM
MERCURY BY CVAA						
Mercury	0.015		SW7471B		Prep: SW7471 / 4/10/15	Analyst: LR
			0.015	mg/Kg-dry	1	4/10/2015 10:40 PM
METALS ANALYSIS BY ICP						
Arsenic	6.2		SW846 6010C		Prep: SW3050B / 4/10/15	Analyst: JEC
Barium	1,100		0.45	mg/Kg-dry	1	4/13/2015 10:03 AM
Cadmium	ND		0.45	mg/Kg-dry	1	4/13/2015 10:03 AM
Chromium	13		0.36	mg/Kg-dry	1	4/13/2015 10:03 AM
Copper	12		0.45	mg/Kg-dry	1	4/13/2015 10:03 AM
Lead	9.1		0.45	mg/Kg-dry	1	4/13/2015 10:03 AM
Nickel	13		0.45	mg/Kg-dry	1	4/13/2015 10:03 AM
Selenium	ND		0.45	mg/Kg-dry	1	4/13/2015 10:03 AM
Silver	ND		0.45	mg/Kg-dry	1	4/13/2015 10:03 AM
Zinc	43		0.45	mg/Kg-dry	1	4/13/2015 10:03 AM
SOLUBLE CATIONS FOR SAR						
			SW846 6010C		Prep: USDA Method 20B / 4/10/15	Analyst: JEC
Calcium	670		5.0	mg/L	10	4/10/2015 12:32 PM
Magnesium	270		2.0	mg/L	10	4/10/2015 12:32 PM
Sodium	400		2.0	mg/L	10	4/10/2015 05:34 PM
SODIUM ADSORPTION RATIO						
			USDA H60 METHO		Prep: USDA Method 20B / 4/10/15	Analyst: JEC
Sodium Adsorption Ratio	3.3		0.010	none	1	4/10/2015
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW846 8270D		Prep: SW3541 / 4/12/15	Analyst: RM
Acenaphthene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM
Acenaphthylene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM
Anthracene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM
Benzo(a)anthracene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM
Benzo(a)pyrene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM
Benzo(b)fluoranthene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM
Benzo(g,h,i)perylene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM
Benzo(k)fluoranthene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM
Chrysene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM

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

ALS Group USA, Corp

Date: 15-Apr-15

Client: HRL Compliance Solutions, Inc

Project: Ursa - Lundgren A - Pad Confirmation Sampling

Work Order: 1504484

Sample ID: Stockpile Composite

Lab ID: 1504484-01

Collection Date: 4/7/2015

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Dibenzo(a,h)anthracene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM
Fluoranthene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM
Fluorene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM
Indeno(1,2,3-cd)pyrene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM
Naphthalene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM
Pyrene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:03 PM
Surr: 2-Fluorobiphenyl	64.3		12-100	%REC	1	4/13/2015 09:03 PM
Surr: 4-Terphenyl-d14	72.1		25-137	%REC	1	4/13/2015 09:03 PM
Surr: Nitrobenzene-d5	61.9		37-107	%REC	1	4/13/2015 09:03 PM
VOLATILE ORGANIC COMPOUNDS			SW8260B	Prep: SW5035 / 4/8/15		Analyst: LSY
Benzene	ND		34	µg/Kg-dry	1	4/14/2015 07:24 AM
Ethylbenzene	ND		34	µg/Kg-dry	1	4/14/2015 07:24 AM
m,p-Xylene	ND		67	µg/Kg-dry	1	4/14/2015 07:24 AM
o-Xylene	ND		34	µg/Kg-dry	1	4/14/2015 07:24 AM
Toluene	ND		34	µg/Kg-dry	1	4/14/2015 07:24 AM
Xylenes, Total	ND		100	µg/Kg-dry	1	4/14/2015 07:24 AM
Surr: 1,2-Dichloroethane-d4	112		70-130	%REC	1	4/14/2015 07:24 AM
Surr: 4-Bromofluorobenzene	94.0		70-130	%REC	1	4/14/2015 07:24 AM
Surr: Dibromofluoromethane	86.9		70-130	%REC	1	4/14/2015 07:24 AM
Surr: Toluene-d8	97.8		70-130	%REC	1	4/14/2015 07:24 AM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO	Prep: USDA Method 20B / 4/10/15		Analyst: JB
Electrical Conductivity @ Saturation	8.1		0.050	mmhos/cm @2	10	4/11/2015 09:50 AM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: JB
Chromium, Trivalent	12		0.56	mg/Kg-dry	1	4/13/2015 04:20 PM
CHROMIUM, HEXAVALENT			SW7196A	Prep: SW3060A / 4/10/15		Analyst: MB
Chromium, Hexavalent	ND		1.1	mg/Kg-dry	1	4/13/2015 02:00 PM
MOISTURE			E160.3M			Analyst: EVB
Moisture	11		0.050	% of sample	1	4/13/2015 03:35 PM
PH			SW9045D	Prep: EXTRACT / 4/9/15		Analyst: TVD
pH	7.9			s.u.	1	4/9/2015 04:00 PM

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

ALS Group USA, Corp

Date: 15-Apr-15

Client: HRL Compliance Solutions, Inc

Project: Ursa - Lundgren A - Pad Confirmation Sampling

Work Order: 1504484

Sample ID: Western Landfarm Comp. 1

Lab ID: 1504484-02

Collection Date: 4/7/2015

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
DRO (C10-C28)	60		SW8015M		Prep: SW3541 / 4/10/15	Analyst: IT
Surr: 4-Terphenyl-d14	65.2		4.6	mg/Kg-dry	1	4/13/2015 10:49 PM
			39-133	%REC	1	4/13/2015 10:49 PM
GASOLINE RANGE ORGANICS BY GC-FID						
GRO (C6-C10)	ND		SW8015D		Prep: SW5035 / 4/8/15	Analyst: IT
Surr: Toluene-d8	104		2.8	mg/Kg-dry	1	4/9/2015 01:09 PM
			50-150	%REC	1	4/9/2015 01:09 PM
MERCURY BY CVAA						
Mercury	0.023		SW7471B		Prep: SW7471 / 4/10/15	Analyst: LR
			0.016	mg/Kg-dry	1	4/10/2015 10:42 PM
METALS ANALYSIS BY ICP						
Arsenic	7.6		SW846 6010C		Prep: SW3050B / 4/10/15	Analyst: JEC
Barium	2,700		0.40	mg/Kg-dry	1	4/13/2015 10:26 AM
Cadmium	ND		0.40	mg/Kg-dry	1	4/13/2015 10:26 AM
Chromium	14		0.32	mg/Kg-dry	1	4/13/2015 10:26 AM
Copper	15		0.40	mg/Kg-dry	1	4/13/2015 10:26 AM
Lead	11		0.40	mg/Kg-dry	1	4/13/2015 10:26 AM
Nickel	17		0.40	mg/Kg-dry	1	4/13/2015 10:26 AM
Selenium	ND		0.40	mg/Kg-dry	1	4/13/2015 10:26 AM
Silver	ND		0.40	mg/Kg-dry	1	4/13/2015 10:26 AM
Zinc	52		0.40	mg/Kg-dry	1	4/13/2015 10:26 AM
SOLUBLE CATIONS FOR SAR						
Calcium	150		SW846 6010C		Prep: USDA Method 20B / 4/10/15	Analyst: JEC
Magnesium	64		5.0	mg/L	10	4/10/2015 12:37 PM
Sodium	420		2.0	mg/L	10	4/10/2015 12:37 PM
			2.0	mg/L	10	4/10/2015 05:40 PM
SODIUM ADSORPTION RATIO						
Sodium Adsorption Ratio	7.2		USDA H60 METHO		Prep: USDA Method 20B / 4/10/15	Analyst: JEC
			0.010	none	1	4/10/2015
SEMI-VOLATILE ORGANIC COMPOUNDS						
Acenaphthene	ND		SW846 8270D		Prep: SW3541 / 4/12/15	Analyst: RM
Acenaphthylene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:23 PM
Anthracene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:23 PM
Benzo(a)anthracene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:23 PM
Benzo(a)pyrene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:23 PM
Benzo(b)fluoranthene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:23 PM
Benzo(g,h,i)perylene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:23 PM
Benzo(k)fluoranthene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:23 PM
Chrysene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:23 PM

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

ALS Group USA, Corp

Date: 15-Apr-15

Client: HRL Compliance Solutions, Inc
Project: Ursa - Lundgren A - Pad Confirmation Sampling
Sample ID: Western Landfarm Comp. 1
Collection Date: 4/7/2015

Work Order: 1504484
Lab ID: 1504484-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Dibenzo(a,h)anthracene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:23 PM
Fluoranthene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:23 PM
Fluorene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:23 PM
Indeno(1,2,3-cd)pyrene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:23 PM
Naphthalene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:23 PM
Pyrene	ND		7.4	µg/Kg-dry	1	4/13/2015 09:23 PM
Surr: 2-Fluorobiphenyl	56.9		12-100	%REC	1	4/13/2015 09:23 PM
Surr: 4-Terphenyl-d14	74.1		25-137	%REC	1	4/13/2015 09:23 PM
Surr: Nitrobenzene-d5	52.1		37-107	%REC	1	4/13/2015 09:23 PM
VOLATILE ORGANIC COMPOUNDS			SW8260B	Prep: SW5035 / 4/8/15		Analyst: LSY
Benzene	ND		34	µg/Kg-dry	1	4/14/2015 07:49 AM
Ethylbenzene	ND		34	µg/Kg-dry	1	4/14/2015 07:49 AM
m,p-Xylene	ND		68	µg/Kg-dry	1	4/14/2015 07:49 AM
o-Xylene	ND		34	µg/Kg-dry	1	4/14/2015 07:49 AM
Toluene	ND		34	µg/Kg-dry	1	4/14/2015 07:49 AM
Xylenes, Total	ND		100	µg/Kg-dry	1	4/14/2015 07:49 AM
Surr: 1,2-Dichloroethane-d4	111		70-130	%REC	1	4/14/2015 07:49 AM
Surr: 4-Bromofluorobenzene	94.8		70-130	%REC	1	4/14/2015 07:49 AM
Surr: Dibromofluoromethane	86.4		70-130	%REC	1	4/14/2015 07:49 AM
Surr: Toluene-d8	98.8		70-130	%REC	1	4/14/2015 07:49 AM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO	Prep: USDA Method 20B / 4/10/15		Analyst: JB
Electrical Conductivity @ Saturation	3.6		0.050	mmhos/cm @2	10	4/11/2015 09:50 AM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: JB
Chromium, Trivalent	14		0.57	mg/Kg-dry	1	4/13/2015 04:20 PM
CHROMIUM, HEXAVALENT			SW7196A	Prep: SW3060A / 4/10/15		Analyst: MB
Chromium, Hexavalent	ND		1.1	mg/Kg-dry	1	4/13/2015 02:00 PM
MOISTURE			E160.3M			Analyst: EVB
Moisture	12		0.050	% of sample	1	4/13/2015 03:35 PM
PH			SW9045D	Prep: EXTRACT / 4/9/15		Analyst: TVD
pH	8.4			s.u.	1	4/9/2015 04:00 PM

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

ALS Group USA, Corp

Date: 15-Apr-15

Client: HRL Compliance Solutions, Inc

Project: Ursa - Lundgren A - Pad Confirmation Sampling

Work Order: 1504484

Sample ID: Eastern Landfarm Comp. 2

Lab ID: 1504484-03

Collection Date: 4/7/2015

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
DRO (C10-C28)	59		SW8015M		Prep: SW3541 / 4/10/15	Analyst: IT
			4.3	mg/Kg-dry	1	4/13/2015 11:19 PM
Surr: 4-Terphenyl-d14	61.5		39-133	%REC	1	4/13/2015 11:19 PM
GASOLINE RANGE ORGANICS BY GC-FID						
GRO (C6-C10)	ND		SW8015D		Prep: SW5035 / 4/8/15	Analyst: IT
			2.7	mg/Kg-dry	1	4/9/2015 01:34 PM
Surr: Toluene-d8	103		50-150	%REC	1	4/9/2015 01:34 PM
MERCURY BY CVAA						
Mercury	0.017		SW7471B		Prep: SW7471 / 4/10/15	Analyst: LR
			0.015	mg/Kg-dry	1	4/10/2015 10:45 PM
METALS ANALYSIS BY ICP						
Arsenic	6.3		SW846 6010C		Prep: SW3050B / 4/10/15	Analyst: JEC
			0.40	mg/Kg-dry	1	4/13/2015 10:49 AM
Barium	4,200		4.0	mg/Kg-dry	10	4/13/2015 06:44 PM
Cadmium	ND		0.32	mg/Kg-dry	1	4/13/2015 10:49 AM
Chromium	11		0.40	mg/Kg-dry	1	4/13/2015 10:49 AM
Copper	14		0.40	mg/Kg-dry	1	4/13/2015 10:49 AM
Lead	12		0.40	mg/Kg-dry	1	4/13/2015 10:49 AM
Nickel	13		0.40	mg/Kg-dry	1	4/13/2015 10:49 AM
Selenium	ND		0.40	mg/Kg-dry	1	4/13/2015 10:49 AM
Silver	ND		0.40	mg/Kg-dry	1	4/13/2015 10:49 AM
Zinc	55		0.79	mg/Kg-dry	1	4/13/2015 10:49 AM
SOLUBLE CATIONS FOR SAR						
			SW846 6010C		Prep: USDA Method 20B / 4/10/15	Analyst: JEC
Calcium	190		5.0	mg/L	10	4/10/2015 12:43 PM
Magnesium	63		2.0	mg/L	10	4/10/2015 12:43 PM
Sodium	410		2.0	mg/L	10	4/10/2015 05:46 PM
SODIUM ADSORPTION RATIO						
			USDA H60 METHO		Prep: USDA Method 20B / 4/10/15	Analyst: JEC
Sodium Adsorption Ratio	6.5		0.010	none	1	4/10/2015
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW846 8270D		Prep: SW3541 / 4/12/15	Analyst: RM
Acenaphthene	ND		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM
Acenaphthylene	ND		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM
Anthracene	ND		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM
Benzo(a)anthracene	ND		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM
Benzo(a)pyrene	ND		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM
Benzo(b)fluoranthene	ND		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM
Benzo(g,h,i)perylene	ND		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM
Benzo(k)fluoranthene	ND		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM
Chrysene	ND		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM

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

ALS Group USA, Corp

Date: 15-Apr-15

Client: HRL Compliance Solutions, Inc

Project: Ursa - Lundgren A - Pad Confirmation Sampling

Work Order: 1504484

Sample ID: Eastern Landfarm Comp. 2

Lab ID: 1504484-03

Collection Date: 4/7/2015

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Dibenzo(a,h)anthracene	ND		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM
Fluoranthene	ND		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM
Fluorene	ND		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM
Indeno(1,2,3-cd)pyrene	ND		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM
Naphthalene	9.0		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM
Pyrene	ND		6.9	µg/Kg-dry	1	4/13/2015 09:44 PM
Surr: 2-Fluorobiphenyl	59.5		12-100	%REC	1	4/13/2015 09:44 PM
Surr: 4-Terphenyl-d14	74.6		25-137	%REC	1	4/13/2015 09:44 PM
Surr: Nitrobenzene-d5	55.7		37-107	%REC	1	4/13/2015 09:44 PM
VOLATILE ORGANIC COMPOUNDS			SW8260B	Prep: SW5035 / 4/8/15	Analyst: LSY	
Benzene	ND		32	µg/Kg-dry	1	4/14/2015 08:15 AM
Ethylbenzene	ND		32	µg/Kg-dry	1	4/14/2015 08:15 AM
m,p-Xylene	ND		64	µg/Kg-dry	1	4/14/2015 08:15 AM
o-Xylene	ND		32	µg/Kg-dry	1	4/14/2015 08:15 AM
Toluene	ND		32	µg/Kg-dry	1	4/14/2015 08:15 AM
Xylenes, Total	ND		95	µg/Kg-dry	1	4/14/2015 08:15 AM
Surr: 1,2-Dichloroethane-d4	114		70-130	%REC	1	4/14/2015 08:15 AM
Surr: 4-Bromofluorobenzene	94.2		70-130	%REC	1	4/14/2015 08:15 AM
Surr: Dibromofluoromethane	88.0		70-130	%REC	1	4/14/2015 08:15 AM
Surr: Toluene-d8	97.8		70-130	%REC	1	4/14/2015 08:15 AM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO	Prep: USDA Method 20B / 4/10/15	Analyst: JB	
Electrical Conductivity @ Saturation	3.7		0.050	mmhos/cm @2	10	4/11/2015 09:50 AM
CHROMIUM, TRIVALENT			CALCULATION	Analyst: JB		
Chromium, Trivalent	11		0.53	mg/Kg-dry	1	4/13/2015 04:20 PM
CHROMIUM, HEXAVALENT			SW7196A	Prep: SW3060A / 4/10/15	Analyst: MB	
Chromium, Hexavalent	ND		1.0	mg/Kg-dry	1	4/13/2015 02:00 PM
MOISTURE			E160.3M	Analyst: EVB		
Moisture	5.7		0.050	% of sample	1	4/13/2015 03:35 PM
PH			SW9045D	Prep: EXTRACT / 4/9/15	Analyst: TVD	
pH	8.2			s.u.	1	4/9/2015 04:00 PM

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

ALS Group USA, Corp

Date: 15-Apr-15

Client: HRL Compliance Solutions, Inc

Work Order: 1504484

Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **69683**

Instrument ID **GC8**

Method: **SW8015M**

MBLK		Sample ID: DBLKS1-69683-69683				Units: mg/Kg		Analysis Date: 4/13/2015 10:49 AM		
Client ID:		Run ID: GC8_150413A				SeqNo: 3223259		Prep Date: 4/10/2015		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>	1.566	0	2	0	78.3	39-133	0			

LCS		Sample ID: DLCSS1-69683-69683				Units: mg/Kg		Analysis Date: 4/13/2015 11:19 AM		
Client ID:		Run ID: GC8_150413A				SeqNo: 3223260		Prep Date: 4/10/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28)	196.8	5.0	200	0	98.4	61-109	0			
<i>Surr: 4-Terphenyl-d14</i>	1.348	0	2	0	67.4	39-133	0			

MS		Sample ID: 1504382-08B MS				Units: mg/Kg		Analysis Date: 4/13/2015 11:49 AM		
Client ID:		Run ID: GC8_150413A				SeqNo: 3223261		Prep Date: 4/10/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28)	295.4	8.1	322.8	0	91.5	48-110	0			
<i>Surr: 4-Terphenyl-d14</i>	2.073	0	3.228	0	64.2	39-133	0			

MSD		Sample ID: 1504382-08B MSD				Units: mg/Kg		Analysis Date: 4/13/2015 12:19 PM		
Client ID:		Run ID: GC8_150413A				SeqNo: 3223262		Prep Date: 4/10/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28)	292	8.1	322.8	0	90.4	48-110	295.4	1.16	30	
<i>Surr: 4-Terphenyl-d14</i>	2.095	0	3.228	0	64.9	39-133	2.073	1.08	30	

The following samples were analyzed in this batch:

1504484-01A	1504484-02A	1504484-03A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions, Inc
Work Order: 1504484
Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **69566** Instrument ID **GC9** Method: **SW8015D**

MBLK		Sample ID: MBLK-69566-69566				Units: µg/Kg		Analysis Date: 4/8/2015 01:56 PM		
Client ID:		Run ID: GC9_150408A				SeqNo: 3216610		Prep Date: 4/8/2015		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	5651	0	5000	0	113	50-150	0			

LCS		Sample ID: LCS-69566-69566				Units: µg/Kg		Analysis Date: 4/8/2015 01:31 PM		
Client ID:		Run ID: GC9_150408A				SeqNo: 3216605		Prep Date: 4/8/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

GRO (C6-C10)	440000	2,500	500000	0	88	70-130	0			
Surr: Toluene-d8	4778	0	5000	0	95.6	50-150	0			

MS		Sample ID: 1504382-01A MS				Units: µg/Kg		Analysis Date: 4/8/2015 06:54 PM		
Client ID:		Run ID: GC9_150408A				SeqNo: 3217641		Prep Date: 4/8/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

GRO (C6-C10)	469900	2,500	500000	0	94	70-130	0			
Surr: Toluene-d8	4934	0	5000	0	98.7	50-150	0			

MSD		Sample ID: 1504382-01A MSD				Units: µg/Kg		Analysis Date: 4/8/2015 07:19 PM		
Client ID:		Run ID: GC9_150408A				SeqNo: 3217642		Prep Date: 4/8/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

GRO (C6-C10)	471700	2,500	500000	0	94.3	70-130	469900	0.381	30	
Surr: Toluene-d8	4966	0	5000	0	99.3	50-150	4934	0.657	30	

The following samples were analyzed in this batch:

1504484-01A	1504484-02A	1504484-03A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions, Inc
Work Order: 1504484
Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **69694** Instrument ID **HG1** Method: **SW7471B**

MBLK		Sample ID: MBLK-69694-69694				Units: mg/Kg		Analysis Date: 4/10/2015 10:10 PM		
Client ID:		Run ID: HG1_150410A				SeqNo: 3222651		Prep Date: 4/10/2015		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-69694-69694				Units: mg/Kg		Analysis Date: 4/10/2015 10:12 PM		
Client ID:		Run ID: HG1_150410A				SeqNo: 3222652		Prep Date: 4/10/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1911 0.020 0.1665 0 115 80-120 0

MS		Sample ID: 1504512-01AMS				Units: mg/Kg		Analysis Date: 4/10/2015 10:51 PM		
Client ID:		Run ID: HG1_150410A				SeqNo: 3222669		Prep Date: 4/10/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.155 0.013 0.1065 0.03977 108 75-125 0

MSD		Sample ID: 1504512-01AMSD				Units: mg/Kg		Analysis Date: 4/10/2015 10:54 PM		
Client ID:		Run ID: HG1_150410A				SeqNo: 3222670		Prep Date: 4/10/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1569 0.013 0.1082 0.03977 108 75-125 0.155 1.23 35

The following samples were analyzed in this batch:

1504484-01A	1504484-02A	1504484-03A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions, Inc
Work Order: 1504484
Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **69649** Instrument ID **ICP2** Method: **SW846 6010C**

DUP		Sample ID: 1504455-01BDUP				Units: mg/L		Analysis Date: 4/10/2015 12:26 PM		
Client ID:		Run ID: ICP2_150410A				SeqNo: 3220013		Prep Date: 4/10/2015		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	184	5.0	0	0	0	0-0	193.5	5.03		
Magnesium	23.77	2.0	0	0	0	0-0	24.75	4.03		

DUP		Sample ID: 1504455-01BDUP				Units: mg/L		Analysis Date: 4/10/2015 05:29 PM		
Client ID:		Run ID: ICP2_150410B				SeqNo: 3221890		Prep Date: 4/10/2015		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium	41.76	2.0	0	0	0	0-0	29.75	33.6		

dUP		Sample ID: 1504455-01BDUP				Units: none		Analysis Date: 4/10/2015		
Client ID:		Run ID: SAR_150410A				SeqNo: 3222218		Prep Date: 4/10/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium Adsorption Ratio	0.7698	0.010	0	0	0		0.7751	0.689	50	

The following samples were analyzed in this batch:

1504484-01B	1504484-02B	1504484-03B
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions, Inc
Work Order: 1504484
Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **69698** Instrument ID **ICP2** Method: **SW846 6010C**

MBLK		Sample ID: MBLK-69698-69698				Units: mg/L		Analysis Date: 4/13/2015 09:35 AM		
Client ID:		Run ID: ICP2_150413A				SeqNo: 3222598		Prep Date: 4/10/2015		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	0.50								
Chromium	0.01257	0.25								J
Copper	ND	0.50								
Lead	ND	0.25								
Nickel	ND	0.25								
Selenium	ND	0.50								
Silver	ND	0.25								
Zinc	ND	0.50								

LCS		Sample ID: LCS-69698-69698				Units: mg/L		Analysis Date: 4/13/2015 09:41 AM		
Client ID:		Run ID: ICP2_150413A				SeqNo: 3222599		Prep Date: 4/10/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	5.101	0.25	5	0	102	80-120	0			
Barium	4.952	0.25	5	0	99	80-120	0			
Cadmium	4.888	0.50	5	0	97.8	80-120	0			
Chromium	5.486	0.25	5	0	110	80-120	0			
Copper	5.269	0.50	5	0	105	80-120	0			
Lead	5.178	0.25	5	0	104	80-120	0			
Nickel	5.234	0.25	5	0	105	80-120	0			
Selenium	5.232	0.50	5	0	105	80-120	0			
Silver	5.63	0.25	5	0	113	80-120	0			
Zinc	5.156	0.50	5	0	103	80-120	0			

MS		Sample ID: 1504484-01AMS				Units: mg/Kg		Analysis Date: 4/13/2015 10:09 AM		
Client ID: Stockpile Composite		Run ID: ICP2_150413A				SeqNo: 3222604		Prep Date: 4/10/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	15.25	0.41	8.104	5.483	121	75-125	0			
Barium	822.9	0.41	8.104	1021	-2440	75-125	0			SO
Cadmium	8.111	0.81	8.104	0.01175	99.9	75-125	0			
Chromium	20.11	0.41	8.104	11.32	108	75-125	0			
Copper	19.28	0.81	8.104	10.36	110	75-125	0			
Lead	16.32	0.41	8.104	8.111	101	75-125	0			
Nickel	20.73	0.41	8.104	11.91	109	75-125	0			
Selenium	9.075	0.81	8.104	0.2631	109	75-125	0			
Silver	10.05	0.41	8.104	-0.1866	126	75-125	0			S
Zinc	52.68	0.81	8.104	38.75	172	75-125	0			SO

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

Client: HRL Compliance Solutions, Inc
Work Order: 1504484
Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **69698** Instrument ID **ICP2** Method: **SW846 6010C**

MSD		Sample ID: 1504484-01AMSD				Units: mg/Kg		Analysis Date: 4/13/2015 10:15 AM		
Client ID: Stockpile Composite		Run ID: ICP2_150413A				SeqNo: 3222605		Prep Date: 4/10/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	15.51	0.40	8.026	5.483	125	75-125	15.25	1.67	20	
Barium	601.5	0.40	8.026	1021	-5220	75-125	822.9	31.1	20	SRO
Cadmium	7.976	0.80	8.026	0.01175	99.2	75-125	8.111	1.67	20	
Chromium	20.2	0.40	8.026	11.32	111	75-125	20.11	0.448	20	
Copper	19.17	0.80	8.026	10.36	110	75-125	19.28	0.599	20	
Lead	16.46	0.40	8.026	8.111	104	75-125	16.32	0.84	20	
Nickel	21.25	0.40	8.026	11.91	116	75-125	20.73	2.51	20	
Selenium	8.482	0.80	8.026	0.2631	102	75-125	9.075	6.76	20	
Silver	9.79	0.40	8.026	-0.1866	124	75-125	10.05	2.6	20	
Zinc	54.47	0.80	8.026	38.75	196	75-125	52.68	3.34	20	SO

The following samples were analyzed in this batch:

1504484-01A	1504484-02A	1504484-03A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions, Inc
Work Order: 1504484
Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **69747** Instrument ID **SVMS8** Method: **SW846 8270D**

MBLK		Sample ID: SBLKS1-69747-69747				Units: µg/Kg		Analysis Date: 4/13/2015 11:12 AM		
Client ID:		Run ID: SVMS8_150413A				SeqNo: 3224758		Prep Date: 4/12/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	ND	6.7								
Acenaphthylene	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(g,h,i)perylene	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>	1176	0	1667	0	70.5	12-100	0			
<i>Surr: 4-Terphenyl-d14</i>	1859	0	1667	0	112	25-137	0			
<i>Surr: Nitrobenzene-d5</i>	1168	0	1667	0	70.1	37-107	0			

LCS		Sample ID: SLCSS1-69747-69747				Units: µg/Kg		Analysis Date: 4/13/2015 11:33 AM		
Client ID:		Run ID: SVMS8_150413A				SeqNo: 3224760		Prep Date: 4/12/2015		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	469	6.7	666.7	0	70.3	45-110	0			
Acenaphthylene	425	6.7	666.7	0	63.7	45-105	0			
Anthracene	541.7	6.7	666.7	0	81.2	55-105	0			
Benzo(a)anthracene	575	6.7	666.7	0	86.2	50-110	0			
Benzo(a)pyrene	664	6.7	666.7	0	99.6	50-110	0			
Benzo(b)fluoranthene	677.3	6.7	666.7	0	102	45-115	0			
Benzo(g,h,i)perylene	681.7	6.7	666.7	0	102	40-125	0			
Benzo(k)fluoranthene	654	6.7	666.7	0	98.1	45-115	0			
Chrysene	584.3	6.7	666.7	0	87.6	55-110	0			
Dibenzo(a,h)anthracene	647	6.7	666.7	0	97	40-125	0			
Fluoranthene	553.3	6.7	666.7	0	83	55-115	0			
Fluorene	488.3	6.7	666.7	0	73.2	50-110	0			
Indeno(1,2,3-cd)pyrene	659.3	6.7	666.7	0	98.9	40-120	0			
Naphthalene	351.7	6.7	666.7	0	52.7	40-105	0			
Pyrene	604.7	6.7	666.7	0	90.7	45-125	0			
<i>Surr: 2-Fluorobiphenyl</i>	1051	0	1667	0	63	12-100	0			
<i>Surr: 4-Terphenyl-d14</i>	1695	0	1667	0	102	25-137	0			
<i>Surr: Nitrobenzene-d5</i>	1073	0	1667	0	64.4	37-107	0			

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

Client: HRL Compliance Solutions, Inc
Work Order: 1504484
Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **69747** Instrument ID **SVMS8** Method: **SW846 8270D**

MS				Sample ID: 1504428-13A MS			Units: µg/Kg		Analysis Date: 4/13/2015 02:02 PM	
Client ID:		Run ID: SVMS8_150413A			SeqNo: 3224761		Prep Date: 4/12/2015		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	916.1	13	1278	0	71.7	45-110	0			
Acenaphthylene	873.9	13	1278	0	68.4	45-105	0			
Anthracene	955	13	1278	0	74.7	55-105	0			
Benzo(a)anthracene	1039	13	1278	8.922	80.6	50-110	0			
Benzo(a)pyrene	1186	13	1278	9.913	92	50-110	0			
Benzo(b)fluoranthene	1168	13	1278	13.55	90.3	45-115	0			
Benzo(g,h,i)perylene	1234	13	1278	6.609	96.1	40-125	0			
Benzo(k)fluoranthene	1151	13	1278	5.287	89.7	45-115	0			
Chrysene	1017	13	1278	9.583	78.8	55-110	0			
Dibenzo(a,h)anthracene	1190	13	1278	0	93.1	40-125	0			
Fluoranthene	965.2	13	1278	11.9	74.6	55-115	0			
Fluorene	907.1	13	1278	0	71	50-110	0			
Indeno(1,2,3-cd)pyrene	1221	13	1278	6.609	95	40-120	0			
Naphthalene	770.4	13	1278	0	60.3	40-105	0			
Pyrene	1148	13	1278	13.22	88.8	45-125	0			
Surr: 2-Fluorobiphenyl	2260	0	3194	0	70.8	12-100	0			
Surr: 4-Terphenyl-d14	3199	0	3194	0	100	25-137	0			
Surr: Nitrobenzene-d5	2378	0	3194	0	74.4	37-107	0			

MSD				Sample ID: 1504428-13A MSD			Units: µg/Kg		Analysis Date: 4/13/2015 02:22 PM	
Client ID:		Run ID: SVMS8_150413A			SeqNo: 3224763		Prep Date: 4/12/2015		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	900.9	13	1313	0	68.6	45-110	916.1	1.67	30	
Acenaphthylene	898.9	13	1313	0	68.4	45-105	873.9	2.82	30	
Anthracene	964.5	13	1313	0	73.4	55-105	955	0.991	30	
Benzo(a)anthracene	1049	13	1313	8.922	79.2	50-110	1039	1.01	30	
Benzo(a)pyrene	1188	13	1313	9.913	89.7	50-110	1186	0.181	30	
Benzo(b)fluoranthene	1192	13	1313	13.55	89.8	45-115	1168	2.09	30	
Benzo(g,h,i)perylene	1257	13	1313	6.609	95.2	40-125	1234	1.81	30	
Benzo(k)fluoranthene	1192	13	1313	5.287	90.3	45-115	1151	3.46	30	
Chrysene	1061	13	1313	9.583	80.1	55-110	1017	4.24	30	
Dibenzo(a,h)anthracene	1185	13	1313	0	90.2	40-125	1190	0.472	30	
Fluoranthene	937.6	13	1313	11.9	70.5	55-115	965.2	2.9	30	
Fluorene	913.3	13	1313	0	69.5	50-110	907.1	0.683	30	
Indeno(1,2,3-cd)pyrene	1213	13	1313	6.609	91.9	40-120	1221	0.606	30	
Naphthalene	792.5	13	1313	0	60.3	40-105	770.4	2.83	30	
Pyrene	1227	13	1313	13.22	92.4	45-125	1148	6.62	30	
Surr: 2-Fluorobiphenyl	2349	0	3283	0	71.6	12-100	2260	3.87	40	
Surr: 4-Terphenyl-d14	3397	0	3283	0	103	25-137	3199	5.99	40	
Surr: Nitrobenzene-d5	2437	0	3283	0	74.2	37-107	2378	2.48	40	

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

Client: HRL Compliance Solutions, Inc
Work Order: 1504484
Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **69747** Instrument ID **SVMS8** Method: **SW846 8270D**

The following samples were analyzed in this batch:

1504484-01A	1504484-02A	1504484-03A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions, Inc
Work Order: 1504484
Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **69568** Instrument ID **VMS7** Method: **SW8260B**

MBLK				Sample ID: MBLK-69568-69568				Units: µg/Kg			Analysis Date: 4/8/2015 10:57 PM		
Client ID:			Run ID: VMS7_150408A				SeqNo: 3217628			Prep Date: 4/8/2015		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											
Surr: 1,2-Dichloroethane-d4	951	0	1000	0	95.1	70-130		0					
Surr: 4-Bromofluorobenzene	993.5	0	1000	0	99.4	70-130		0					
Surr: Dibromofluoromethane	930	0	1000	0	93	70-130		0					
Surr: Toluene-d8	987.5	0	1000	0	98.8	70-130		0					

LCS				Sample ID: LCS-69568-69568			Units: µg/Kg		Analysis Date: 4/8/2015 07:11 PM		
Client ID:			Run ID: VMS7_150408A			SeqNo: 3217622		Prep Date: 4/8/2015		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	949	30	1000	0	94.9	75-125	0				
Ethylbenzene	934.5	30	1000	0	93.4	75-125	0				
m,p-Xylene	1843	60	2000	0	92.2	80-125	0				
o-Xylene	924	30	1000	0	92.4	75-125	0				
Toluene	932.5	30	1000	0	93.2	70-125	0				
Xylenes, Total	2767	90	3000	0	92.2	75-125	0				
Surr: 1,2-Dichloroethane-d4	939.5	0	1000	0	94	70-130	0				
Surr: 4-Bromofluorobenzene	994.5	0	1000	0	99.4	70-130	0				
Surr: Dibromofluoromethane	964.5	0	1000	0	96.4	70-130	0				
Surr: Toluene-d8	986.5	0	1000	0	98.6	70-130	0				

MS				Sample ID: 1504393-01A MS			Units: µg/Kg		Analysis Date: 4/9/2015 05:17 AM		
Client ID:			Run ID: VMS7_150408A			SeqNo: 3217655		Prep Date: 4/8/2015		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	1526	33	1094	134	127	75-125	0			S	
Ethylbenzene	1372	33	1094	9.847	124	75-125	0				
m,p-Xylene	2758	66	2188	45.4	124	80-125	0				
o-Xylene	1339	33	1094	14.77	121	75-125	0				
Toluene	1510	33	1094	160.8	123	70-125	0				
Xylenes, Total	4097	98	3282	60	123	75-125	0				
Surr: 1,2-Dichloroethane-d4	1005	0	1094	0	91.8	70-130	0				
Surr: 4-Bromofluorobenzene	1114	0	1094	0	102	70-130	0				
Surr: Dibromofluoromethane	1025	0	1094	0	93.7	70-130	0				
Surr: Toluene-d8	1067	0	1094	0	97.6	70-130	0				

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

Client: HRL Compliance Solutions, Inc
Work Order: 1504484
Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **69568** Instrument ID **VMS7** Method: **SW8260B**

MSD				Sample ID: 1504393-01A MSD			Units: µg/Kg		Analysis Date: 4/9/2015 05:42 AM		
Client ID:		Run ID: VMS7_150408A			SeqNo: 3217659		Prep Date: 4/8/2015		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	1372	33	1094	134	113	75-125	1526	10.6	30		
Ethylbenzene	1239	33	1094	9.847	112	75-125	1372	10.2	30		
m,p-Xylene	2480	66	2188	45.4	111	80-125	2758	10.6	30		
o-Xylene	1207	33	1094	14.77	109	75-125	1339	10.4	30		
Toluene	1375	33	1094	160.8	111	70-125	1510	9.4	30		
Xylenes, Total	3687	98	3282	60	111	75-125	4097	10.5	30		
Surr: 1,2-Dichloroethane-d4	994	0	1094	0	90.8	70-130	1005	1.09	30		
Surr: 4-Bromofluorobenzene	1109	0	1094	0	101	70-130	1114	0.443	30		
Surr: Dibromofluoromethane	1007	0	1094	0	92	70-130	1025	1.78	30		
Surr: Toluene-d8	1056	0	1094	0	96.5	70-130	1067	1.08	30		

The following samples were analyzed in this batch:

1504484-01A	1504484-02A	1504484-03A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions, Inc
Work Order: 1504484
Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **69646** Instrument ID **WETCHEM** Method: **SW9045D**

LCS		Sample ID: LCS-69646-69646				Units: s.u.		Analysis Date: 4/9/2015 04:00 PM			
Client ID:		Run ID: WETCHEM_150409N				SeqNo: 3218958		Prep Date: 4/9/2015		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
pH	3.97	0	4	0	99.2	90-110	0				

DUP				Sample ID: 1504484-01A DUP				Units: s.u.			Analysis Date: 4/9/2015 04:00 PM			
Client ID: Stockpile Composite				Run ID: WETCHEM_150409N				SeqNo: 3218965			Prep Date: 4/9/2015		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			
pH		7.81	0	0	0	0	0-0	7.87	0.765	20				

The following samples were analyzed in this batch:

1504484-01A	1504484-02A	1504484-03A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions, Inc
Work Order: 1504484
Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **69649** Instrument ID **WETCHEM** Method: **USDA H60 Metho**

DUP		Sample ID: 1504455-01B DUP				Units: mmhos/cm @25°		Analysis Date: 4/11/2015 09:50 AM		
Client ID:		Run ID: WETCHEM_150411A				SeqNo: 3220810		Prep Date: 4/10/2015		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturation	1.405	0.050	0	0	0		1.494	6.14	50	

The following samples were analyzed in this batch:

1504484-01B	1504484-02B	1504484-03B
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions, Inc
Work Order: 1504484
Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **69793** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK		Sample ID: MBLK-69793-69793				Units: mg/Kg		Analysis Date: 4/13/2015 02:00 PM		
Client ID:		Run ID: WETCHEM_150413H		SeqNo: 3223174		Prep Date: 4/10/2015		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent ND 1.0

LCS		Sample ID: LCS-69793-69793				Units: mg/Kg		Analysis Date: 4/13/2015 02:00 PM		
Client ID:		Run ID: WETCHEM_150413H		SeqNo: 3223173		Prep Date: 4/10/2015		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 4.78 1.0 5 0 95.6 80-120 0

MS		Sample ID: 1504484-01A MS				Units: mg/Kg		Analysis Date: 4/13/2015 02:00 PM		
Client ID: Stockpile Composite		Run ID: WETCHEM_150413H		SeqNo: 3223167		Prep Date: 4/10/2015		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 4.697 1.0 5.051 0.3878 85.3 75-125 0

MS		Sample ID: 1504484-01A MSI				Units: mg/Kg		Analysis Date: 4/13/2015 02:00 PM		
Client ID: Stockpile Composite		Run ID: WETCHEM_150413H		SeqNo: 3223168		Prep Date: 4/10/2015		DF: 100		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 2060 97 2078 0.3878 99.1 75-125 0

The following samples were analyzed in this batch:

1504484-01A	1504484-02A	1504484-03A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions, Inc
Work Order: 1504484
Project: Ursa - Lundgren A - Pad Confirmation Sampling

QC BATCH REPORT

Batch ID: **R161257** Instrument ID **MOIST** Method: **E160.3M**

MBLK		Sample ID: WBLKS-R161257				Units: % of sample		Analysis Date: 4/13/2015 03:35 PM		
Client ID:		Run ID: MOIST_150413B				SeqNo: 3224554		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	0.03	0.050								J

LCS		Sample ID: LCS-R161257				Units: % of sample		Analysis Date: 4/13/2015 03:35 PM		
Client ID:		Run ID: MOIST_150413B				SeqNo: 3224553		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: 1504484-01A DUP				Units: % of sample		Analysis Date: 4/13/2015 03:35 PM		
Client ID: Stockpile Composite		Run ID: MOIST_150413B				SeqNo: 3224532		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	10.62	0.050	0	0	0		10.91	2.69	20	

DUP		Sample ID: 1504507-03B DUP				Units: % of sample		Analysis Date: 4/13/2015 03:35 PM		
Client ID:		Run ID: MOIST_150413B				SeqNo: 3224540		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	13.25	0.050	0	0	0		13.37	0.902	20	

The following samples were analyzed in this batch:

1504484-01A	1504484-02A	1504484-03A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.



ALS Laboratory Group

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 202r8

WORKORDER
#

1504484

PROJECT NAME		Ursa - Lundgren A - Pad Confirmation Sampling		SAMPLER		KRIS ROWE		DATE		4/7/2015		PAGE		1 of 2	
PROJECT No.				SITE ID		Lundgren Pad		TURNAROUND		STD 5 Day		DISPOSAL		By Lab or Return to Client	
COMPANY NAME		HRL COMPLIANCE SOLUTIONS Inc.		BILL TO COMPANY		Ursa Operating Company		DRO							
SEND REPORT TO		KRIS ROWE		INVOICE ATTN TO		Dwayne Knudson		GRO							
ADDRESS		2385 F 1/2 RD		ADDRESS				BTEX							
CITY / STATE / ZIP		GRAND JUNCTION CO 81506		CITY / STATE / ZIP				PAH							
PHONE		970-243-3271		PHONE				910-1 Metals							
FAX		970-243-3280		FAX				SAR / EC / pH							
E-MAIL		KROWE@HRLCOMP.COM		E-MAIL											
Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC								
1	Stockpile Composite	S	4/7/2015		2			X	X	X	X	X			
2	Western Landfarm Comp. 1	S	4/7/2015		2			X	X	X	X	X			
3	Eastern Landfarm Comp. 2	S	4/7/2015		2			X	X	X	X	X			

*Time Zone (Circle): EST CST MST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:	<div>4.4c</div>	QC PACKAGE (check below)
		<input type="checkbox"/> LEVEL II (Standard QC)
		<input type="checkbox"/> LEVEL III (Std QC + forms)
		<input type="checkbox"/> LEVEL IV (Std QC + forms + raw data)
Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035		

SIGNATURE	PRINTED NAME	DATE	TIME
	Kris Rowe	4/7/2015	
RECEIVED BY		4-7-15	1700
RECEIVED BY		4-7-15	1700
RECEIVED BY	Diane E. Shaw	4/8/15	0930
RECEIVED BY			

From: (616) 288-1033
 Nick Martinez
 ALS Environmental
 127 E. 1st Street

Origin ID: RLA

FedEx
 Express



J151215022303uv

Ship Date: 07APR15
 ActWgt: 45.0 LB
 CAD: 2284840/NET3610

Dims: 24 X 15 X 15 IN

PARACHUTE, CO 81635

Delivery Address Bar Code



Ref # 040715-1
 Invoice #
 PO # Parachute
 Dept #

SHIP TO: (616) 399-6070

BILL SENDER

sample receiving
 ALS Laboratory Group
 3352 128TH AVE

HOLLAND, MI 49424

WED - 08 APR 10:30A
 PRIORITY OVERNIGHT

TRK# 7733 1483 4260

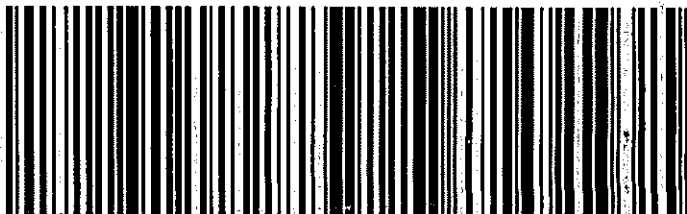
0201

49424

MI-US

GRR

XX HLMA



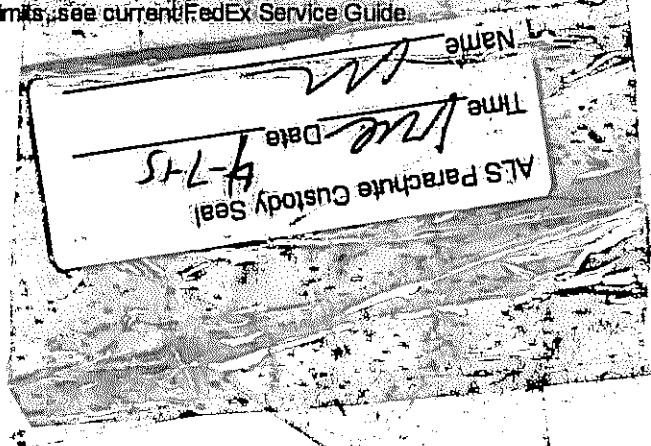
537J2BFCS4E4B

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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Sample Receipt Checklist

Client Name: HRL

Date/Time Received: 08-Apr-15 09:30

Work Order: 1504484

Received by: DS

Checklist completed by Diane Shaw 08-Apr-15
eSignature Date

Reviewed by: Chad Whelton 08-Apr-15
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>4.4 c</u> <u>SR2</u>		
Cooler(s)/Kit(s):	<u></u>		
Date/Time sample(s) sent to storage:	<u>4/8/2015 3:22:17 PM</u>		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:	<u>-</u>		

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction: