Colorado Operations
792 Buckhorn Dr.
Rifle, CO 81650

Norcross A Production Tank Secondary Containment Site Investigation

Colorado Operations

Piceance Basin

Garfield County, CO

July 2014 – Rev #0

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Prepared by:
HRL Compliance Solutions, Inc.
2385 F ½ Road
Grand Junction, CO 81505

I. Summary

During the remediation of a contractor release in August of 2013 (spill tracking # 2145907), dark soils were encountered below the ground surface, indicating the possible presents of a historical release. The impacted soils from the contractor release were remediated and it was proposed to perform additional site investigation activities around the production tanks secondary containment to determine if leaking has occurred. A Site Investigation and Remediation Work Plan (Form 27) was completed on January 8, 2014 and submitted to the COGCC. A COGCC Remediation # was assigned (#8168) and the Form 19 for the previous contractor release was closed.

Within the Form 27 Site Investigation, it was proposed to complete boreholes around the outside of the production tank containment to obtain samples in two (2) foot intervals for field screening to determine if historical impacts are present.

II. Introduction

HCSI completed the borehole site investigation of the production tank containment on February 24th and 25th 2014 on the Norcross A tank containment. Below is a summary of the findings from all boreholes and the field screening results from each of the intervals sampled.

III. Summary of Findings

Thirteen (13) boreholes were completed around the containment to depths ranging from pad surface to 10.5ft. Boreholes that indicated elevated field screening readings were advanced up to 24.5ft to determine if impacts were present at lower depths. One (1) borehole indicated elevated PID readings, therefore required confirmation samples to be submitted to the lab for analysis. Appendix A outlines the location of the boreholes in relation to the secondary containment ring. Table 1 below outlines the field screening results collected from every 2ft interval on all thirteen (13) boreholes.

Table 1: PID Readings from Borehole Intervals

	2-3.5ft	5-6.5ft	7-8.5ft	9-10.5ft	11-12.5ft	13-14.5ft	15-16.5ft	17-18.5ft	19-20.5ft	21-22.5ft	23-24.5ft
BH 1	0.0	0.4	0.0	0.6	NT	NT	NT	NT	NT	NT	NT
BH 2	0.0	0.0	0.0	0.0	NT	NT	NT	NT	NT	NT	NT
BH 3	1.2	0.1	0.0	0.0	NT	NT	NT	NT	NT	NT	NT
BH 4	0.8	0.3	0.0	0.9	NT	NT	NT	NT	NT	NT	NT
BH 5	0.0	0.9	0.0	0.0	NT	NT	NT	NT	NT	NT	NT
BH06	0.0	0.5	0.0	0.5	NT	NT	NT	NT	NT	NT	NT
BH07	0.0	0.0	0.0	0.1	392	398.2	394	2.9	180.1	0.9	0.0

BH08	0.4	1.6	1.5	0.1	1.3	1.3	1.0	4.4	NT	NT	NT
BH09	0.4	0.0	1.6	2.2	2.7	1.8	0.2	0.7	NT	NT	NT
BH10	0.4	1.4	1.1	0.6	1.6	0.2	NT	NT	NT	NT	NT
BH11	1.1	1.5	0.9	0.9	NT	NT	NT	NT	NT	NT	NT
BH12	0.0	0.0	0.0	0.0	NT	NT	NT	NT	NT	NT	NT
BH13	0.0	0.0	0.0	0.0	NT	NT	NT	NT	NT	NT	NT

Results are presented in ppm (mg/kg) NT=Not Tested

BH07 contained elevated PID readings, indicating the potential of a hydrocarbon present and required samples to be submitted to the lab for confirmation analysis. In addition samples were submitted from each borehole at the deepest interval as well as the interval containing the highest PID reading interval. All samples were analyzed for Total Petroleum Hydrocarbon (DRO,GRO), Semi Volatiles – PAH, and BTEX. The borehole intervals submitted for analytical confirmation are as follows:

- BH02 9’ - 10.5’
- BH06 9’ – 10.5’
- BH07 11’ - 12.5’
- BH07 13’ - 14.5’
- BH07 15’ – 16.5’
- BH08 17’ – 18.5’
- BH09 11’ - 12.5’
- BH10 11’ – 12.5’
- BH12 9’ – 10.5’

IV. Analytical Results

Analytical results from the borehole intervals listed above indicated soils satisfy COGCC Table 910-1 for hydrocarbons, indicating that the soils below ground surface do not contain historical impacts exceeding COGCC 910-1 thresholds and no remediation was warranted.

A table of the analytical results can be viewed in Table 2 below. Raw analytical results can be viewed in Appendix B of this report.

Table 2: Confirmation Analytical Results

Norcross A	Sample Locations BH02 @ 9-10.5ft	Sample Locations BH 06 @ 9-10.5ft	Sample Locations BH 07 @ 11-12.5ft	Sample Locations BH 07 @ 13-14.5ft	Sample Locations BH 07 @ 15-16.5ft
TEPH (DRO)	8.6	12	21	ND	19
TVPH (GRO)	ND	ND	ND	ND	ND
BENZENE	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND
ETHYLBENZENE	ND	ND	ND	ND	ND
XYLENE TOTAL	ND	ND	1.7	ND	ND
ACENAPHTHENE	ND	ND	ND	ND	ND
ANTHRACENE	ND	ND	ND	ND	ND
BENZO(A)ANTRHACENE	ND	ND	ND	ND	ND
BENZO(A)PYRENE	ND	ND	ND	ND	ND
BENZO(B)FLUORANTHENE	ND	ND	ND	ND	ND
BENZO(G,H,I)PERYLEN	ND	ND	ND	ND	ND
BENZO(K)FLUORANTHENE	ND	ND	ND	ND	ND
CHRYSENE (mg/kg)	ND	ND	ND	ND	ND
DIBENZO(A,H)ANTHRANCENE	ND	ND	ND	ND	ND
FLUORANTHENE	ND	ND	ND	ND	ND
FLUORENE	ND	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	ND	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND	ND
PYRENE	ND	ND	ND	ND	ND

Results are presented in ppm (mg/kg)

Table 2: Confirmation Analytical Results (continued)

Norcross A	Sample Locations BH08 @ 17-18.5ft	Sample Locations BH09 @ 11-12.5ft	Sample Locations BH10 @ 11-12.5ft	Sample Locations BH12 @ 9-10.5ft
TEPH (DRO)	8.5	9.4	17	13
TVPH (GRO)	ND	ND	ND	ND
BENZENE	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND
ETHYLBENZENE	ND	ND	ND	ND
XYLENE TOTAL	ND	ND	ND	ND
ACENAPHTHENE	ND	ND	ND	ND
ANTHRACENE	ND	ND	ND	ND
BENZO(A)ANTRHACENE	ND	ND	ND	ND
BENZO(A)PYRENE	ND	ND	ND	ND
BENZO(B)FLUORANTHENE	ND	ND	ND	ND
BENZO(G,H,I)PERYLEN	ND	ND	ND	ND
BENZO(K)FLUORANTHENE	ND	ND	ND	ND

CHRYSENE (mg/kg)	ND	ND	ND	ND
DIBENZO(A,H)ANTHRANCENE	ND	ND	ND	ND
FLUORANTHENE	ND	ND	ND	ND
FLUORENE	ND	ND	ND	ND
INDENO(1,2,3-CD)PYRENE	ND	ND	ND	ND
NAPHTHALENE	ND	ND	ND	ND
PYRENE	ND	ND	ND	ND

Results are presented in ppm (mg/kg)

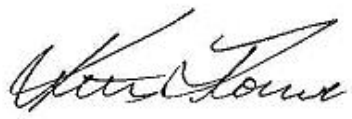
V. Conclusion

Based on the information above, it can be assumed that soils outside of the secondary containment to a depth of 24.5ft satisfy COGCC Table 910-1 thresholds.

Soils extending along the eastern side of the secondary containment has been excavated and removed during the remediation of the contractor spill that occurred in August of 2013. A copy of the disposal manifest has been provided to the COGCC for confirmation that soils have been managed in accordance with local and COGCC regulations.

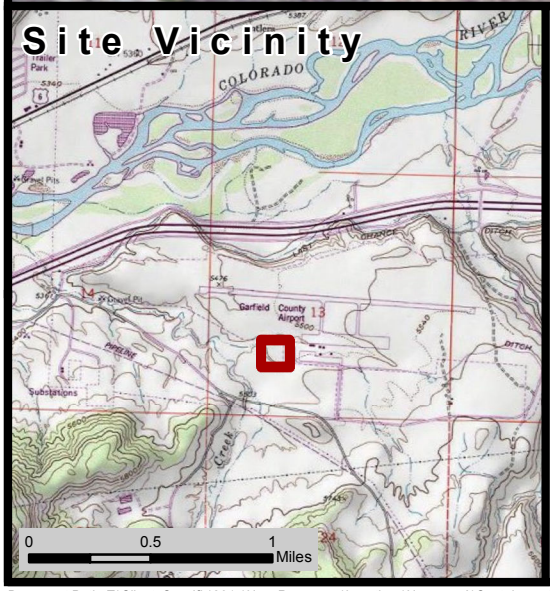
As a result of no impacts exceeding COGCC Table 910-1 being discovered, no follow up Form 19 Spill Investigation Report was submitted. Ursa is requesting closure of the submitted Form 27 and Remediation #8168.

If you have any questions or comments with regards to the information above, please don't hesitate to call me at 970-243-3271 at your convenience.



Kris Rowe
Waste Management & Spills Program Manager

Appendix A: Borehole Location Map



Notes / Comments:

N

Ursa OPERATING COMPANY

Containment Characterization

Norcross A

39.52273 -107.72833
Section 13, Township 6 South, Range 93 West

Drilling Location
Drilling Location (Contaminents Found)
Secondary Containment

0 50 100 Feet

HCSI ENVIRONMENTAL CONSULTANTS
HRL COMPLIANCE SOLUTIONS, INC.

Author: B Hall
Revision: 0
Date: 2/26/2014

Document Path: T:\Client_Specific\2014\Ursa Resources\Locations\Norcross A\Containment Characterization\Norcross A Containment Characterization 2-26-14.mxd

Appendix B: Confirmation Raw Analytical Data

06-Mar-2014

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

Re: **Ursa Tank Containment Characterization 2.24-2.25.1** Work Order: **1403017**

Dear Kris,

ALS Environmental received 9 samples on 01-Mar-2014 10:00 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 25.

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

Sincerely,

Ann Preston

Electronically approved by: Ann Preston

Ann Preston
Project Manager

Certificate No: MN 532786

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

ALS Group USA, Corp

Date: 06-Mar-14

Client: HRL Compliance Solutions, Inc
Project: Ursa Tank Containment Characterization 2.24-2.25.1
Work Order: **1403017**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1403017-01	BH02 9'-10.5'	Soil		2/24/2014 12:13	3/1/2014 10:00	☐
1403017-02	BH06 9'-10.5'	Soil		2/25/2014 08:48	3/1/2014 10:00	☐
1403017-03	BH07 11'-12.5'	Soil		2/25/2014 09:28	3/1/2014 10:00	☐
1403017-04	BH07 13'-14.5'	Soil		2/25/2014 09:36	3/1/2014 10:00	☐
1403017-05	BH07 15-16.5'	Soil		2/25/2014 09:42	3/1/2014 10:00	☐
1403017-06	BH08 17'-18.5'	Soil		2/25/2014 11:02	3/1/2014 10:00	☐
1403017-07	BH09 11'-12.5'	Soil		2/25/2014 11:30	3/1/2014 10:00	☐
1403017-08	BH10 11'-12.5'	Soil		2/25/2014 12:19	3/1/2014 10:00	☐
1403017-09	BH12 9'-10.5'	Soil		2/25/2014 13:13	3/1/2014 10:00	☐

ALS Group USA, Corp

Date: 06-Mar-14

Client: HRL Compliance Solutions, Inc
Project: Ursa Tank Containment Characterization 2.24-2.25.1
Work Order: 1403017

Case Narrative

Batch 56279 sample 1403017-01 through 1403017-03 were run at a dilution for BTEX due to high concentrations of target and non target analytes.

Batch R136581 sample 1403017-05 RPD for % Moisture was above control limits. The corresponding sample result should be considered estimated for % Moisture.

ALS Group USA, Corp

Date: 06-Mar-14

Client: HRL Compliance Solutions, Inc
Project: Ursa Tank Containment Characterization 2.24-2.25.1
WorkOrder: **1403017**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	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

Acronym	Description
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
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

Units Reported	Description
% of sample	Percent of Sample
µg/Kg-dry	Micrograms per Kilogram Dry Weight
mg/Kg-dry	Milligrams per Kilogram Dry Weight

ALS Group USA, Corp

Date: *06-Mar-14*

Client: HRL Compliance Solutions, Inc
Project: Ursa Tank Containment Characterization 2.24-2.25.1 **Work Order:** 1403017
Sample ID: BH02 9'-10.5' **Lab ID:** 1403017-01
Collection Date: 2/24/2014 12:13 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 3/4/14	Analyst: **IT**
DRO (C10-C28)	**8.6**		**4.8**	**mg/Kg-dry**	1	3/5/2014 11:58 AM
Surr: 4-Terphenyl-d14	*84.3*		*39-115*	*%REC*	1	3/5/2014 11:58 AM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015**		Prep: SW5035 / 3/4/14	Analyst: **IT**
GRO (C6-C10)	ND		2.9	mg/Kg-dry	1	3/5/2014 06:08 PM
Surr: Toluene-d8	*102*		*50-150*	*%REC*	1	3/5/2014 06:08 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep: SW3541 / 3/4/14	Analyst: **HL**
Acenaphthene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Acenaphthylene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Anthracene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Benzo(a)anthracene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Benzo(a)pyrene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Benzo(b)fluoranthene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Benzo(g,h,i)perylene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Benzo(k)fluoranthene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Chrysene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Dibenzo(a,h)anthracene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Fluoranthene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Fluorene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Indeno(1,2,3-cd)pyrene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Naphthalene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Pyrene	ND		7.7	µg/Kg-dry	1	3/5/2014 02:18 PM
Surr: 2-Fluorobiphenyl	*77.8*		*12-100*	*%REC*	1	3/5/2014 02:18 PM
Surr: 4-Terphenyl-d14	*117*		*25-137*	*%REC*	1	3/5/2014 02:18 PM
Surr: Nitrobenzene-d5	*77.1*		*37-107*	*%REC*	1	3/5/2014 02:18 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 3/4/14	Analyst: **RS**
Benzene	ND		35	µg/Kg-dry	1	3/6/2014 08:23 AM
Ethylbenzene	ND		35	µg/Kg-dry	1	3/6/2014 08:23 AM
m,p-Xylene	ND		70	µg/Kg-dry	1	3/6/2014 08:23 AM
o-Xylene	ND		35	µg/Kg-dry	1	3/6/2014 08:23 AM
Toluene	ND		35	µg/Kg-dry	1	3/6/2014 08:23 AM
Xylenes, Total	ND		100	µg/Kg-dry	1	3/6/2014 08:23 AM
Surr: 1,2-Dichloroethane-d4	*102*		*70-130*	*%REC*	1	3/6/2014 08:23 AM
Surr: 4-Bromofluorobenzene	*86.8*		*70-130*	*%REC*	1	3/6/2014 08:23 AM
Surr: Dibromofluoromethane	*98.8*		*70-130*	*%REC*	1	3/6/2014 08:23 AM
Surr: Toluene-d8	*98.8*		*70-130*	*%REC*	1	3/6/2014 08:23 AM
MOISTURE			**A2540 G**			Analyst: **AT**
Moisture	**14**		**0.050**	**% of sample**	1	3/3/2014 10:08 AM

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

ALS Group USA, Corp

Date: *06-Mar-14*

Client: HRL Compliance Solutions, Inc
Project: Ursa Tank Containment Characterization 2.24-2.25.1 **Work Order:** 1403017
Sample ID: BH06 9'-10.5' **Lab ID:** 1403017-02
Collection Date: 2/25/2014 08:48 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 3/4/14	Analyst: **IT**
DRO (C10-C28)	**12**		**4.5**	**mg/Kg-dry**	1	3/5/2014 12:28 PM
Surr: 4-Terphenyl-d14	*84.9*		*39-115*	*%REC*	1	3/5/2014 12:28 PM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015**		Prep: SW5035 / 3/4/14	Analyst: **IT**
GRO (C6-C10)	ND		2.7	mg/Kg-dry	1	3/5/2014 06:33 PM
Surr: Toluene-d8	*98.7*		*50-150*	*%REC*	1	3/5/2014 06:33 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep: SW3541 / 3/4/14	Analyst: **HL**
Acenaphthene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Acenaphthylene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Anthracene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Benzo(a)anthracene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Benzo(a)pyrene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Benzo(b)fluoranthene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Benzo(g,h,i)perylene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Benzo(k)fluoranthene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Chrysene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Dibenzo(a,h)anthracene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Fluoranthene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Fluorene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Indeno(1,2,3-cd)pyrene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Naphthalene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Pyrene	ND		7.1	µg/Kg-dry	1	3/5/2014 03:29 PM
Surr: 2-Fluorobiphenyl	*78.7*		*12-100*	*%REC*	1	3/5/2014 03:29 PM
Surr: 4-Terphenyl-d14	*93.9*		*25-137*	*%REC*	1	3/5/2014 03:29 PM
Surr: Nitrobenzene-d5	*91.7*		*37-107*	*%REC*	1	3/5/2014 03:29 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 3/4/14	Analyst: **RS**
Benzene	ND		32	µg/Kg-dry	1	3/6/2014 08:48 AM
Ethylbenzene	ND		32	µg/Kg-dry	1	3/6/2014 08:48 AM
m,p-Xylene	ND		65	µg/Kg-dry	1	3/6/2014 08:48 AM
o-Xylene	ND		32	µg/Kg-dry	1	3/6/2014 08:48 AM
Toluene	ND		32	µg/Kg-dry	1	3/6/2014 08:48 AM
Xylenes, Total	ND		97	µg/Kg-dry	1	3/6/2014 08:48 AM
Surr: 1,2-Dichloroethane-d4	*105*		*70-130*	*%REC*	1	3/6/2014 08:48 AM
Surr: 4-Bromofluorobenzene	*88.0*		*70-130*	*%REC*	1	3/6/2014 08:48 AM
Surr: Dibromofluoromethane	*100*		*70-130*	*%REC*	1	3/6/2014 08:48 AM
Surr: Toluene-d8	*98.5*		*70-130*	*%REC*	1	3/6/2014 08:48 AM
MOISTURE			**A2540 G**			Analyst: **AT**
Moisture	**7.5**		**0.050**	**% of sample**	1	3/3/2014 10:08 AM

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

ALS Group USA, Corp

Date: *06-Mar-14*

Client: HRL Compliance Solutions, Inc
Project: Ursa Tank Containment Characterization 2.24-2.25.1 **Work Order:** 1403017
Sample ID: BH07 11'-12.5' **Lab ID:** 1403017-03
Collection Date: 2/25/2014 09:28 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 3/4/14	Analyst: **IT**
DRO (C10-C28)	**21**		**4.7**	**mg/Kg-dry**	1	3/5/2014 12:58 PM
Surr: 4-Terphenyl-d14	*88.3*		*39-115*	*%REC*	1	3/5/2014 12:58 PM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015**		Prep: SW5035 / 3/4/14	Analyst: **IT**
GRO (C6-C10)	ND		2.8	mg/Kg-dry	1	3/5/2014 06:59 PM
Surr: Toluene-d8	*107*		*50-150*	*%REC*	1	3/5/2014 06:59 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep: SW3541 / 3/4/14	Analyst: **HL**
Acenaphthene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Acenaphthylene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Anthracene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Benzo(a)anthracene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Benzo(a)pyrene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Benzo(b)fluoranthene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Benzo(g,h,i)perylene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Benzo(k)fluoranthene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Chrysene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Dibenzo(a,h)anthracene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Fluoranthene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Fluorene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Indeno(1,2,3-cd)pyrene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Naphthalene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Pyrene	ND		7.5	µg/Kg-dry	1	3/5/2014 04:01 PM
Surr: 2-Fluorobiphenyl	*74.5*		*12-100*	*%REC*	1	3/5/2014 04:01 PM
Surr: 4-Terphenyl-d14	*92.7*		*25-137*	*%REC*	1	3/5/2014 04:01 PM
Surr: Nitrobenzene-d5	*88.2*		*37-107*	*%REC*	1	3/5/2014 04:01 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 3/4/14	Analyst: **RS**
Benzene	ND		34	µg/Kg-dry	1	3/6/2014 09:12 AM
Ethylbenzene	ND		34	µg/Kg-dry	1	3/6/2014 09:12 AM
m,p-Xylene	**170**		**67**	**µg/Kg-dry**	1	3/6/2014 09:12 AM
o-Xylene	ND		34	µg/Kg-dry	1	3/6/2014 09:12 AM
Toluene	ND		34	µg/Kg-dry	1	3/6/2014 09:12 AM
Xylenes, Total	**170**		**100**	**µg/Kg-dry**	1	3/6/2014 09:12 AM
Surr: 1,2-Dichloroethane-d4	*103*		*70-130*	*%REC*	1	3/6/2014 09:12 AM
Surr: 4-Bromofluorobenzene	*86.0*		*70-130*	*%REC*	1	3/6/2014 09:12 AM
Surr: Dibromofluoromethane	*100*		*70-130*	*%REC*	1	3/6/2014 09:12 AM
Surr: Toluene-d8	*97.8*		*70-130*	*%REC*	1	3/6/2014 09:12 AM
MOISTURE			**A2540 G**			Analyst: **AT**
Moisture	**11**		**0.050**	**% of sample**	1	3/3/2014 10:08 AM

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

ALS Group USA, Corp

Date: *06-Mar-14*

Client: HRL Compliance Solutions, Inc
Project: Ursa Tank Containment Characterization 2.24-2.25.1 **Work Order:** 1403017
Sample ID: BH07 13'-14.5' **Lab ID:** 1403017-04
Collection Date: 2/25/2014 09:36 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 3/4/14	Analyst: **IT**
DRO (C10-C28)	ND		4.7	mg/Kg-dry	1	3/5/2014 01:28 PM
Surr: 4-Terphenyl-d14	*81.9*		*39-115*	*%REC*	1	3/5/2014 01:28 PM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015**		Prep: SW5035 / 3/4/14	Analyst: **IT**
GRO (C6-C10)	ND		2.9	mg/Kg-dry	1	3/5/2014 07:25 PM
Surr: Toluene-d8	*105*		*50-150*	*%REC*	1	3/5/2014 07:25 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep: SW3541 / 3/4/14	Analyst: **HL**
Acenaphthene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Acenaphthylene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Anthracene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Benzo(a)anthracene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Benzo(a)pyrene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Benzo(b)fluoranthene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Benzo(g,h,i)perylene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Benzo(k)fluoranthene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Chrysene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Dibenzo(a,h)anthracene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Fluoranthene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Fluorene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Indeno(1,2,3-cd)pyrene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Naphthalene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Pyrene	ND		7.6	µg/Kg-dry	1	3/5/2014 04:33 PM
Surr: 2-Fluorobiphenyl	*80.0*		*12-100*	*%REC*	1	3/5/2014 04:33 PM
Surr: 4-Terphenyl-d14	*90.6*		*25-137*	*%REC*	1	3/5/2014 04:33 PM
Surr: Nitrobenzene-d5	*91.9*		*37-107*	*%REC*	1	3/5/2014 04:33 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 3/4/14	Analyst: **BG**
Benzene	ND		34	µg/Kg-dry	1	3/6/2014 06:13 AM
Ethylbenzene	ND		34	µg/Kg-dry	1	3/6/2014 06:13 AM
m,p-Xylene	ND		69	µg/Kg-dry	1	3/6/2014 06:13 AM
o-Xylene	ND		34	µg/Kg-dry	1	3/6/2014 06:13 AM
Toluene	ND		34	µg/Kg-dry	1	3/6/2014 06:13 AM
Xylenes, Total	ND		100	µg/Kg-dry	1	3/6/2014 06:13 AM
Surr: 1,2-Dichloroethane-d4	*103*		*70-130*	*%REC*	1	3/6/2014 06:13 AM
Surr: 4-Bromofluorobenzene	*100*		*70-130*	*%REC*	1	3/6/2014 06:13 AM
Surr: Dibromofluoromethane	*98.5*		*70-130*	*%REC*	1	3/6/2014 06:13 AM
Surr: Toluene-d8	*97.6*		*70-130*	*%REC*	1	3/6/2014 06:13 AM
MOISTURE			**A2540 G**			Analyst: **AT**
Moisture	**13**		**0.050**	**% of sample**	1	3/3/2014 10:08 AM

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

ALS Group USA, Corp

Date: *06-Mar-14*

Client: HRL Compliance Solutions, Inc
Project: Ursa Tank Containment Characterization 2.24-2.25.1 **Work Order:** 1403017
Sample ID: BH07 15-16.5' **Lab ID:** 1403017-05
Collection Date: 2/25/2014 09:42 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 3/4/14	Analyst: **IT**
DRO (C10-C28)	**19**		**4.4**	**mg/Kg-dry**	1	3/5/2014 01:58 PM
Surr: 4-Terphenyl-d14	*89.2*		*39-115*	*%REC*	1	3/5/2014 01:58 PM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015**		Prep: SW5035 / 3/4/14	Analyst: **IT**
GRO (C6-C10)	ND		2.7	mg/Kg-dry	1	3/5/2014 07:50 PM
Surr: Toluene-d8	*90.5*		*50-150*	*%REC*	1	3/5/2014 07:50 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep: SW3541 / 3/4/14	Analyst: **HL**
Acenaphthene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Acenaphthylene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Anthracene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Benzo(a)anthracene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Benzo(a)pyrene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Benzo(b)fluoranthene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Benzo(g,h,i)perylene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Benzo(k)fluoranthene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Chrysene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Dibenzo(a,h)anthracene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Fluoranthene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Fluorene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Indeno(1,2,3-cd)pyrene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Naphthalene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Pyrene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:05 PM
Surr: 2-Fluorobiphenyl	*70.6*		*12-100*	*%REC*	1	3/5/2014 05:05 PM
Surr: 4-Terphenyl-d14	*88.8*		*25-137*	*%REC*	1	3/5/2014 05:05 PM
Surr: Nitrobenzene-d5	*83.4*		*37-107*	*%REC*	1	3/5/2014 05:05 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 3/4/14	Analyst: **BG**
Benzene	ND		33	µg/Kg-dry	1	3/6/2014 06:37 AM
Ethylbenzene	ND		33	µg/Kg-dry	1	3/6/2014 06:37 AM
m,p-Xylene	ND		65	µg/Kg-dry	1	3/6/2014 06:37 AM
o-Xylene	ND		33	µg/Kg-dry	1	3/6/2014 06:37 AM
Toluene	ND		33	µg/Kg-dry	1	3/6/2014 06:37 AM
Xylenes, Total	ND		98	µg/Kg-dry	1	3/6/2014 06:37 AM
Surr: 1,2-Dichloroethane-d4	*103*		*70-130*	*%REC*	1	3/6/2014 06:37 AM
Surr: 4-Bromofluorobenzene	*102*		*70-130*	*%REC*	1	3/6/2014 06:37 AM
Surr: Dibromofluoromethane	*98.4*		*70-130*	*%REC*	1	3/6/2014 06:37 AM
Surr: Toluene-d8	*98.4*		*70-130*	*%REC*	1	3/6/2014 06:37 AM
MOISTURE			**A2540 G**			Analyst: **AT**
Moisture	**7.7**		**0.050**	**% of sample**	1	3/3/2014 10:42 AM

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

ALS Group USA, Corp

Date: *06-Mar-14*

Client: HRL Compliance Solutions, Inc
Project: Ursa Tank Containment Characterization 2.24-2.25.1 **Work Order:** 1403017
Sample ID: BH08 17'-18.5' **Lab ID:** 1403017-06
Collection Date: 2/25/2014 11:02 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 3/4/14	Analyst: **IT**
DRO (C10-C28)	**8.5**		**4.3**	**mg/Kg-dry**	1	3/5/2014 02:28 PM
Surr: 4-Terphenyl-d14	*87.8*		*39-115*	*%REC*	1	3/5/2014 02:28 PM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015**		Prep: SW5035 / 3/4/14	Analyst: **IT**
GRO (C6-C10)	ND		2.6	mg/Kg-dry	1	3/5/2014 08:16 PM
Surr: Toluene-d8	*92.3*		*50-150*	*%REC*	1	3/5/2014 08:16 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep: SW3541 / 3/4/14	Analyst: **HL**
Acenaphthene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Acenaphthylene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Anthracene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Benzo(a)anthracene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Benzo(a)pyrene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Benzo(b)fluoranthene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Benzo(g,h,i)perylene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Benzo(k)fluoranthene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Chrysene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Dibenzo(a,h)anthracene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Fluoranthene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Fluorene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Indeno(1,2,3-cd)pyrene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Naphthalene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Pyrene	ND		7.0	µg/Kg-dry	1	3/5/2014 05:37 PM
Surr: 2-Fluorobiphenyl	*74.2*		*12-100*	*%REC*	1	3/5/2014 05:37 PM
Surr: 4-Terphenyl-d14	*94.0*		*25-137*	*%REC*	1	3/5/2014 05:37 PM
Surr: Nitrobenzene-d5	*86.3*		*37-107*	*%REC*	1	3/5/2014 05:37 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 3/4/14	Analyst: **BG**
Benzene	ND		32	µg/Kg-dry	1	3/6/2014 07:01 AM
Ethylbenzene	ND		32	µg/Kg-dry	1	3/6/2014 07:01 AM
m,p-Xylene	ND		63	µg/Kg-dry	1	3/6/2014 07:01 AM
o-Xylene	ND		32	µg/Kg-dry	1	3/6/2014 07:01 AM
Toluene	ND		32	µg/Kg-dry	1	3/6/2014 07:01 AM
Xylenes, Total	ND		95	µg/Kg-dry	1	3/6/2014 07:01 AM
Surr: 1,2-Dichloroethane-d4	*104*		*70-130*	*%REC*	1	3/6/2014 07:01 AM
Surr: 4-Bromofluorobenzene	*101*		*70-130*	*%REC*	1	3/6/2014 07:01 AM
Surr: Dibromofluoromethane	*98.7*		*70-130*	*%REC*	1	3/6/2014 07:01 AM
Surr: Toluene-d8	*98.4*		*70-130*	*%REC*	1	3/6/2014 07:01 AM
MOISTURE			**A2540 G**			Analyst: **AT**
Moisture	**5.4**		**0.050**	**% of sample**	1	3/3/2014 10:42 AM

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

ALS Group USA, Corp

Date: *06-Mar-14*

Client: HRL Compliance Solutions, Inc
Project: Ursa Tank Containment Characterization 2.24-2.25.1 **Work Order:** 1403017
Sample ID: BH09 11'-12.5' **Lab ID:** 1403017-07
Collection Date: 2/25/2014 11:30 AM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 3/4/14	Analyst: **IT**
DRO (C10-C28)	**9.4**		**4.5**	**mg/Kg-dry**	1	3/5/2014 03:28 PM
Surr: 4-Terphenyl-d14	*85.0*		*39-115*	*%REC*	1	3/5/2014 03:28 PM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015**		Prep: SW5035 / 3/4/14	Analyst: **IT**
GRO (C6-C10)	ND		2.8	mg/Kg-dry	1	3/5/2014 08:41 PM
Surr: Toluene-d8	*101*		*50-150*	*%REC*	1	3/5/2014 08:41 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep: SW3541 / 3/4/14	Analyst: **HL**
Acenaphthene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Acenaphthylene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Anthracene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Benzo(a)anthracene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Benzo(a)pyrene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Benzo(b)fluoranthene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Benzo(g,h,i)perylene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Benzo(k)fluoranthene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Chrysene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Dibenzo(a,h)anthracene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Fluoranthene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Fluorene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Indeno(1,2,3-cd)pyrene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Naphthalene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Pyrene	ND		7.2	µg/Kg-dry	1	3/5/2014 06:09 PM
Surr: 2-Fluorobiphenyl	*79.6*		*12-100*	*%REC*	1	3/5/2014 06:09 PM
Surr: 4-Terphenyl-d14	*93.3*		*25-137*	*%REC*	1	3/5/2014 06:09 PM
Surr: Nitrobenzene-d5	*91.7*		*37-107*	*%REC*	1	3/5/2014 06:09 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 3/4/14	Analyst: **BG**
Benzene	ND		33	µg/Kg-dry	1	3/6/2014 07:26 AM
Ethylbenzene	ND		33	µg/Kg-dry	1	3/6/2014 07:26 AM
m,p-Xylene	ND		66	µg/Kg-dry	1	3/6/2014 07:26 AM
o-Xylene	ND		33	µg/Kg-dry	1	3/6/2014 07:26 AM
Toluene	ND		33	µg/Kg-dry	1	3/6/2014 07:26 AM
Xylenes, Total	ND		99	µg/Kg-dry	1	3/6/2014 07:26 AM
Surr: 1,2-Dichloroethane-d4	*102*		*70-130*	*%REC*	1	3/6/2014 07:26 AM
Surr: 4-Bromofluorobenzene	*99.4*		*70-130*	*%REC*	1	3/6/2014 07:26 AM
Surr: Dibromofluoromethane	*98.4*		*70-130*	*%REC*	1	3/6/2014 07:26 AM
Surr: Toluene-d8	*101*		*70-130*	*%REC*	1	3/6/2014 07:26 AM
MOISTURE			**A2540 G**			Analyst: **AT**
Moisture	**9.5**		**0.050**	**% of sample**	1	3/3/2014 10:42 AM

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

ALS Group USA, Corp

Date: *06-Mar-14*

Client: HRL Compliance Solutions, Inc
Project: Ursa Tank Containment Characterization 2.24-2.25.1 **Work Order:** 1403017
Sample ID: BH10 11'-12.5' **Lab ID:** 1403017-08
Collection Date: 2/25/2014 12:19 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 3/4/14	Analyst: **IT**
DRO (C10-C28)	**17**		**4.7**	**mg/Kg-dry**	1	3/5/2014 03:58 PM
Surr: 4-Terphenyl-d14	*78.8*		*39-115*	*%REC*	1	3/5/2014 03:58 PM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015**		Prep: SW5035 / 3/4/14	Analyst: **IT**
GRO (C6-C10)	ND		2.9	mg/Kg-dry	1	3/6/2014 12:06 PM
Surr: Toluene-d8	*108*		*50-150*	*%REC*	1	3/6/2014 12:06 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep: SW3541 / 3/4/14	Analyst: **HL**
Acenaphthene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Acenaphthylene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Anthracene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Benzo(a)anthracene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Benzo(a)pyrene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Benzo(b)fluoranthene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Benzo(g,h,i)perylene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Benzo(k)fluoranthene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Chrysene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Dibenzo(a,h)anthracene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Fluoranthene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Fluorene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Indeno(1,2,3-cd)pyrene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Naphthalene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Pyrene	ND		7.5	µg/Kg-dry	1	3/5/2014 06:41 PM
Surr: 2-Fluorobiphenyl	*72.2*		*12-100*	*%REC*	1	3/5/2014 06:41 PM
Surr: 4-Terphenyl-d14	*92.6*		*25-137*	*%REC*	1	3/5/2014 06:41 PM
Surr: Nitrobenzene-d5	*84.0*		*37-107*	*%REC*	1	3/5/2014 06:41 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 3/4/14	Analyst: **BG**
Benzene	ND		34	µg/Kg-dry	1	3/6/2014 07:50 AM
Ethylbenzene	ND		34	µg/Kg-dry	1	3/6/2014 07:50 AM
m,p-Xylene	ND		69	µg/Kg-dry	1	3/6/2014 07:50 AM
o-Xylene	ND		34	µg/Kg-dry	1	3/6/2014 07:50 AM
Toluene	ND		34	µg/Kg-dry	1	3/6/2014 07:50 AM
Xylenes, Total	ND		100	µg/Kg-dry	1	3/6/2014 07:50 AM
Surr: 1,2-Dichloroethane-d4	*102*		*70-130*	*%REC*	1	3/6/2014 07:50 AM
Surr: 4-Bromofluorobenzene	*99.0*		*70-130*	*%REC*	1	3/6/2014 07:50 AM
Surr: Dibromofluoromethane	*99.2*		*70-130*	*%REC*	1	3/6/2014 07:50 AM
Surr: Toluene-d8	*98.2*		*70-130*	*%REC*	1	3/6/2014 07:50 AM
MOISTURE			**A2540 G**			Analyst: **AT**
Moisture	**13**		**0.050**	**% of sample**	1	3/3/2014 10:42 AM

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

ALS Group USA, Corp

Date: *06-Mar-14*

Client: HRL Compliance Solutions, Inc
Project: Ursa Tank Containment Characterization 2.24-2.25.1 **Work Order:** 1403017
Sample ID: BH12 9'-10.5' **Lab ID:** 1403017-09
Collection Date: 2/25/2014 01:13 PM **Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			**SW8015M**		Prep: SW3541 / 3/4/14	Analyst: **IT**
DRO (C10-C28)	**13**		**4.4**	**mg/Kg-dry**	1	3/5/2014 04:28 PM
Surr: 4-Terphenyl-d14	*78.0*		*39-115*	*%REC*	1	3/5/2014 04:28 PM
GASOLINE RANGE ORGANICS BY GC-FID			**SW8015**		Prep: SW5035 / 3/4/14	Analyst: **IT**
GRO (C6-C10)	ND		2.7	mg/Kg-dry	1	3/6/2014 12:32 PM
Surr: Toluene-d8	*112*		*50-150*	*%REC*	1	3/6/2014 12:32 PM
SEMI-VOLATILE ORGANIC COMPOUNDS			**SW8270**		Prep: SW3541 / 3/4/14	Analyst: **HL**
Acenaphthene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Acenaphthylene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Anthracene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Benzo(a)anthracene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Benzo(a)pyrene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Benzo(b)fluoranthene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Benzo(g,h,i)perylene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Benzo(k)fluoranthene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Chrysene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Dibenzo(a,h)anthracene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Fluoranthene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Fluorene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Indeno(1,2,3-cd)pyrene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Naphthalene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Pyrene	ND		7.1	µg/Kg-dry	1	3/5/2014 07:13 PM
Surr: 2-Fluorobiphenyl	*79.5*		*12-100*	*%REC*	1	3/5/2014 07:13 PM
Surr: 4-Terphenyl-d14	*86.7*		*25-137*	*%REC*	1	3/5/2014 07:13 PM
Surr: Nitrobenzene-d5	*93.2*		*37-107*	*%REC*	1	3/5/2014 07:13 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260B**		Prep: SW5035 / 3/4/14	Analyst: **BG**
Benzene	ND		32	µg/Kg-dry	1	3/6/2014 08:15 AM
Ethylbenzene	ND		32	µg/Kg-dry	1	3/6/2014 08:15 AM
m,p-Xylene	ND		64	µg/Kg-dry	1	3/6/2014 08:15 AM
o-Xylene	ND		32	µg/Kg-dry	1	3/6/2014 08:15 AM
Toluene	ND		32	µg/Kg-dry	1	3/6/2014 08:15 AM
Xylenes, Total	ND		96	µg/Kg-dry	1	3/6/2014 08:15 AM
Surr: 1,2-Dichloroethane-d4	*103*		*70-130*	*%REC*	1	3/6/2014 08:15 AM
Surr: 4-Bromofluorobenzene	*102*		*70-130*	*%REC*	1	3/6/2014 08:15 AM
Surr: Dibromofluoromethane	*97.7*		*70-130*	*%REC*	1	3/6/2014 08:15 AM
Surr: Toluene-d8	*96.9*		*70-130*	*%REC*	1	3/6/2014 08:15 AM
MOISTURE			**A2540 G**			Analyst: **AT**
Moisture	**5.9**		**0.050**	**% of sample**	1	3/3/2014 10:42 AM

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

QC BATCH REPORT

Batch ID: **56278** Instrument ID **GC8** Method: **SW8015M**

MBLK Sample ID: **DBLKS1-56278-56278** Units: **mg/Kg** Analysis Date: **3/5/2014 08:49 AM**

Client ID: Run ID: **GC8_140305A** SeqNo: **2664876** Prep Date: **3/4/2014** 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	*1.662*	0	*2*	0	*83.1*	*39-115*	0			

LCS Sample ID: **DLCSS1-56278-56278** Units: **mg/Kg** Analysis Date: **3/5/2014 09:19 AM**

Client ID: Run ID: **GC8_140305A** SeqNo: **2664878** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	169.7	5.0	200	0	84.9	49-124	0			
Surr: 4-Terphenyl-d14	*1.857*	0	*2*	0	*92.9*	*39-115*	0			

MS Sample ID: **1403017-01B MS** Units: **mg/Kg** Analysis Date: **3/5/2014 09:49 AM**

Client ID: **BH02 9'-10.5'** Run ID: **GC8_140305A** SeqNo: **2664879** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	274.4	8.3	331.2	7.374	80.6	49-130	0			
Surr: 4-Terphenyl-d14	*3.02*	0	*3.312*	0	*91.2*	*39-115*	0			

MSD Sample ID: **1403017-01B MSD** Units: **mg/Kg** Analysis Date: **3/5/2014 11:28 AM**

Client ID: **BH02 9'-10.5'** Run ID: **GC8_140305A** SeqNo: **2664880** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	273.8	8.2	329.2	7.374	80.9	49-130	274.4	0.245	30	
Surr: 4-Terphenyl-d14	*3.005*	0	*3.292*	0	*91.3*	*39-115*	3.02	*0.505*	*30*	

The following samples were analyzed in this batch:

1403017-01B	1403017-02B	1403017-03B
1403017-04B	1403017-05B	1403017-06B
1403017-07B	1403017-08B	1403017-09B

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

Client: HRL Compliance Solutions, Inc
Work Order: 1403017
Project: Ursa Tank Containment Characterization 2.24-2.25.

QC BATCH REPORT

Batch ID: **56300** Instrument ID **GC9** Method: **SW8015**

MBLK Sample ID: **MBLK-56300-56300** Units: **µg/Kg** Analysis Date: **3/5/2014 05:42 PM**
Client ID: Run ID: **GC9_140305A** SeqNo: **2665650** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	ND	2,500								
Surr: Toluene-d8	*5520*	0	*5000*	0	*110*	*50-150*	0			

LCS Sample ID: **LCS-56300-56300** Units: **µg/Kg** Analysis Date: **3/5/2014 05:16 PM**
Client ID: Run ID: **GC9_140305A** SeqNo: **2665649** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	548500	2,500	500000	0	110	70-130	0			
Surr: Toluene-d8	*4740*	0	*5000*	0	*94.8*	*50-150*	0			

MS Sample ID: **1403017-01A MS** Units: **µg/Kg** Analysis Date: **3/5/2014 09:07 PM**
Client ID: **BH02 9'-10.5'** Run ID: **GC9_140305A** SeqNo: **2665658** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	483600	2,500	500000	0	96.7	70-130	0			
Surr: Toluene-d8	*5046*	0	*5000*	0	*101*	*50-150*	0			

MSD Sample ID: **1403017-01A MSD** Units: **µg/Kg** Analysis Date: **3/5/2014 09:33 PM**
Client ID: **BH02 9'-10.5'** Run ID: **GC9_140305A** SeqNo: **2665659** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	463900	2,500	500000	0	92.8	70-130	483600	4.17	30	
Surr: Toluene-d8	*4499*	0	*5000*	0	*90*	*50-150*	5046	*11.5*	*30*	

The following samples were analyzed in this batch:

1403017-01A	1403017-02A	1403017-03A
1403017-04A	1403017-05A	1403017-06A
1403017-07A	1403017-08A	1403017-09A

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

Client: HRL Compliance Solutions, Inc
Work Order: 1403017
Project: Ursa Tank Containment Characterization 2.24-2.25.

QC BATCH REPORT

Batch ID: **56276** Instrument ID **SVMS7** Method: **SW8270**

MBLK Sample ID: **SBLKS1-56276-56276** Units: **µg/Kg** Analysis Date: **3/5/2014 11:41 AM**
Client ID: Run ID: **SVMS7_140305A** SeqNo: **2665369** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	ND	6.7								
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								
Surr: 2-Fluorobiphenyl	*1127*	0	*1667*	0	*67.6*	*12-100*	0			
Surr: 4-Terphenyl-d14	*2045*	0	*1667*	0	*123*	*25-137*	0			
Surr: Nitrobenzene-d5	*1153*	0	*1667*	0	*69.2*	*37-107*	0			

LCS Sample ID: **SLCSS1-56276-56276** Units: **µg/Kg** Analysis Date: **3/5/2014 09:58 AM**
Client ID: Run ID: **SVMS7_140305A** SeqNo: **2665368** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	475	6.7	666.7	0	71.2	45-110	0			
Acenaphthylene	500.3	6.7	666.7	0	75	45-105	0			
Anthracene	546	6.7	666.7	0	81.9	55-105	0			
Benzo(a)anthracene	589.3	6.7	666.7	0	88.4	50-110	0			
Benzo(a)pyrene	650	6.7	666.7	0	97.5	50-110	0			
Benzo(b)fluoranthene	678.7	6.7	666.7	0	102	45-115	0			
Benzo(g,h,i)perylene	556.7	6.7	666.7	0	83.5	40-125	0			
Benzo(k)fluoranthene	633	6.7	666.7	0	94.9	45-115	0			
Chrysene	566.3	6.7	666.7	0	84.9	55-110	0			
Dibenzo(a,h)anthracene	531.3	6.7	666.7	0	79.7	40-125	0			
Fluoranthene	601.7	6.7	666.7	0	90.2	55-115	0			
Fluorene	469.7	6.7	666.7	0	70.4	50-110	0			
Indeno(1,2,3-cd)pyrene	663.7	6.7	666.7	0	99.5	40-120	0			
Naphthalene	475.7	6.7	666.7	0	71.3	40-105	0			
Pyrene	619.7	6.7	666.7	0	92.9	45-125	0			
Surr: 2-Fluorobiphenyl	*1134*	0	*1667*	0	*68*	*12-100*	0			
Surr: 4-Terphenyl-d14	*1994*	0	*1667*	0	*120*	*25-137*	0			
Surr: Nitrobenzene-d5	*1341*	0	*1667*	0	*80.4*	*37-107*	0			

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

Client: HRL Compliance Solutions, Inc
Work Order: 1403017
Project: Ursa Tank Containment Characterization 2.24-2.25.

QC BATCH REPORT

Batch ID: **56276** Instrument ID **SVMS7** Method: **SW8270**

MS Sample ID: **1403017-01B MS** Units: **µg/Kg** Analysis Date: **3/5/2014 01:11 PM**
Client ID: **BH02 9'-10.5'** Run ID: **SVMS7_140305A** SeqNo: **2665370** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	980	13	1316	0	74.5	45-110	0			
Acenaphthylene	1040	13	1316	0	79	45-105	0			
Anthracene	1154	13	1316	0	87.7	55-105	0			
Benzo(a)anthracene	1152	13	1316	0	87.5	50-110	0			
Benzo(a)pyrene	1291	13	1316	0	98.1	50-110	0			
Benzo(b)fluoranthene	1377	13	1316	0	105	45-115	0			
Benzo(g,h,i)perylene	1201	13	1316	0	91.3	40-125	0			
Benzo(k)fluoranthene	1350	13	1316	0	103	45-115	0			
Chrysene	1098	13	1316	0	83.4	55-110	0			
Dibenzo(a,h)anthracene	1098	13	1316	0	83.5	40-125	0			
Fluoranthene	1192	13	1316	0	90.6	55-115	0			
Fluorene	953	13	1316	0	72.4	50-110	0			
Indeno(1,2,3-cd)pyrene	1394	13	1316	0	106	40-120	0			
Naphthalene	1006	13	1316	0	76.4	40-105	0			
Pyrene	1237	13	1316	0	94	45-125	0			
Surr: 2-Fluorobiphenyl	*2677*	0	*3289*	0	*81.4*	*12-100*	0			
Surr: 4-Terphenyl-d14	*3772*	0	*3289*	0	*115*	*25-137*	0			
Surr: Nitrobenzene-d5	*2739*	0	*3289*	0	*83.3*	*37-107*	0			

MSD Sample ID: **1403017-01B MSD** Units: **µg/Kg** Analysis Date: **3/5/2014 01:33 PM**
Client ID: **BH02 9'-10.5'** Run ID: **SVMS7_140305A** SeqNo: **2665372** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	916.6	13	1292	0	70.9	45-110	980	6.69	30	
Acenaphthylene	1004	13	1292	0	77.7	45-105	1040	3.53	30	
Anthracene	1072	13	1292	0	83	55-105	1154	7.31	30	
Benzo(a)anthracene	1120	13	1292	0	86.7	50-110	1152	2.78	30	
Benzo(a)pyrene	1232	13	1292	0	95.4	50-110	1291	4.65	30	
Benzo(b)fluoranthene	1231	13	1292	0	95.2	45-115	1377	11.3	30	
Benzo(g,h,i)perylene	1086	13	1292	0	84.1	40-125	1201	10	30	
Benzo(k)fluoranthene	1181	13	1292	0	91.4	45-115	1350	13.3	30	
Chrysene	1065	13	1292	0	82.4	55-110	1098	3.07	30	
Dibenzo(a,h)anthracene	1052	13	1292	0	81.4	40-125	1098	4.29	30	
Fluoranthene	1094	13	1292	0	84.6	55-115	1192	8.65	30	
Fluorene	1054	13	1292	0	81.5	50-110	953	10	30	
Indeno(1,2,3-cd)pyrene	1277	13	1292	0	98.8	40-120	1394	8.74	30	
Naphthalene	943.1	13	1292	0	73	40-105	1006	6.42	30	
Pyrene	1195	13	1292	0	92.5	45-125	1237	3.47	30	
Surr: 2-Fluorobiphenyl	*2668*	0	*3230*	0	*82.6*	*12-100*	2677	*0.342*	*40*	
Surr: 4-Terphenyl-d14	*3759*	0	*3230*	0	*116*	*25-137*	3772	*0.351*	*40*	
Surr: Nitrobenzene-d5	*2767*	0	*3230*	0	*85.7*	*37-107*	2739	*1.04*	*40*	

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

Client: HRL Compliance Solutions, Inc

Work Order: 1403017

Project: Ursa Tank Containment Characterization 2.24-2.25.

QC BATCH REPORT

Batch ID: **56276** Instrument ID **SVMS7** Method: **SW8270**

The following samples were analyzed in this batch:

1403017-01B	1403017-02B	1403017-03B
1403017-04B	1403017-05B	1403017-06B
1403017-07B	1403017-08B	1403017-09B

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

Client: HRL Compliance Solutions, Inc
Work Order: 1403017
Project: Ursa Tank Containment Characterization 2.24-2.25.

QC BATCH REPORT

Batch ID: **56279** Instrument ID **VMS9** Method: **SW8260B**

MBLK Sample ID: **MBLK-56279-56279** Units: **µg/Kg** Analysis Date: **3/4/2014 04:01 PM**
Client ID: Run ID: **VMS9_140304A** SeqNo: **2663987** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	30								
Ethylbenzene	ND	30								
m,p-Xylene	ND	60								
o-Xylene	ND	30								
Toluene	ND	30								
Xylenes, Total	ND	90								
Surr: 1,2-Dichloroethane-d4	*1010*	0	*1000*	0	*101*	*70-130*	0			
Surr: 4-Bromofluorobenzene	*876.5*	0	*1000*	0	*87.6*	*70-130*	0			
Surr: Dibromofluoromethane	*1002*	0	*1000*	0	*100*	*70-130*	0			
Surr: Toluene-d8	*960*	0	*1000*	0	*96*	*70-130*	0			

LCS Sample ID: **LCS-56279-56279** Units: **µg/Kg** Analysis Date: **3/4/2014 02:23 PM**
Client ID: Run ID: **VMS9_140304A** SeqNo: **2663985** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1024	30	1000	0	102	75-125	0			
Ethylbenzene	927	30	1000	0	92.7	75-125	0			
m,p-Xylene	1876	60	2000	0	93.8	80-125	0			
o-Xylene	940.5	30	1000	0	94	75-125	0			
Toluene	1005	30	1000	0	100	70-125	0			
Xylenes, Total	2816	90	3000	0	93.9	75-125	0			
Surr: 1,2-Dichloroethane-d4	*998.5*	0	*1000*	0	*99.8*	*70-130*	0			
Surr: 4-Bromofluorobenzene	*952.5*	0	*1000*	0	*95.2*	*70-130*	0			
Surr: Dibromofluoromethane	*1024*	0	*1000*	0	*102*	*70-130*	0			
Surr: Toluene-d8	*975*	0	*1000*	0	*97.5*	*70-130*	0			

MS Sample ID: **1403017-09A MS** Units: **µg/Kg** Analysis Date: **3/6/2014 08:40 AM**
Client ID: **BH12 9'-10.5'** Run ID: **VMS8_140305B** SeqNo: **2665749** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	976	30	1000	0	97.6	75-125	0			
Ethylbenzene	1012	30	1000	0	101	75-125	0			
m,p-Xylene	1956	60	2000	0	97.8	80-125	0			
o-Xylene	1009	30	1000	0	101	75-125	0			
Toluene	952	30	1000	0	95.2	70-125	0			
Xylenes, Total	2964	90	3000	0	98.8	75-125	0			
Surr: 1,2-Dichloroethane-d4	*1020*	0	*1000*	0	*102*	*70-130*	0			
Surr: 4-Bromofluorobenzene	*1040*	0	*1000*	0	*104*	*70-130*	0			
Surr: Dibromofluoromethane	*984*	0	*1000*	0	*98.4*	*70-130*	0			
Surr: Toluene-d8	*961*	0	*1000*	0	*96.1*	*70-130*	0			

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

Client: HRL Compliance Solutions, Inc
Work Order: 1403017
Project: Ursa Tank Containment Characterization 2.24-2.25.

QC BATCH REPORT

Batch ID: **56279** Instrument ID **VMS9** Method: **SW8260B**

MSD Sample ID: **1403017-09A MSD** Units: **µg/Kg** Analysis Date: **3/6/2014 09:04 AM**
Client ID: **BH12 9'-10.5'** Run ID: **VMS8_140305B** SeqNo: **2665750** Prep Date: **3/4/2014** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	980.5	30	1000	0	98	75-125	976	0.46	30	
Ethylbenzene	1007	30	1000	0	101	75-125	1012	0.545	30	
m,p-Xylene	1962	60	2000	0	98.1	80-125	1956	0.332	30	
o-Xylene	1014	30	1000	0	101	75-125	1009	0.494	30	
Toluene	937	30	1000	0	93.7	70-125	952	1.59	30	
Xylenes, Total	2976	90	3000	0	99.2	75-125	2964	0.387	30	
Surr: 1,2-Dichloroethane-d4	*1012*	0	*1000*	0	*101*	*70-130*	1020	*0.788*	*30*	
Surr: 4-Bromofluorobenzene	*1053*	0	*1000*	0	*105*	*70-130*	1040	*1.19*	*30*	
Surr: Dibromofluoromethane	*1004*	0	*1000*	0	*100*	*70-130*	984	*1.96*	*30*	
Surr: Toluene-d8	*953*	0	*1000*	0	*95.3*	*70-130*	961	*0.836*	*30*	

The following samples were analyzed in this batch:

1403017-01A	1403017-02A	1403017-03A
1403017-04A	1403017-05A	1403017-06A
1403017-07A	1403017-08A	1403017-09A

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

Client: HRL Compliance Solutions, Inc
Work Order: 1403017
Project: Ursa Tank Containment Characterization 2.24-2.25.

QC BATCH REPORT

Batch ID: **R136573** Instrument ID **MOIST** Method: **A2540 G**

MBLK Sample ID: **WBLKS-R136573** Units: **% of sample** Analysis Date: **3/3/2014 10:08 AM**
Client ID: Run ID: **MOIST_140303B** SeqNo: **2662882** 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-R136573** Units: **% of sample** Analysis Date: **3/3/2014 10:08 AM**
Client ID: Run ID: **MOIST_140303B** SeqNo: **2662880** 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: **14021300-05A DUP** Units: **% of sample** Analysis Date: **3/3/2014 10:08 AM**
Client ID: Run ID: **MOIST_140303B** SeqNo: **2662860** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	44.36	0.050	0	0	0	0-0	41.59	6.45	20	

DUP Sample ID: **1403012-01A DUP** Units: **% of sample** Analysis Date: **3/3/2014 10:08 AM**
Client ID: Run ID: **MOIST_140303B** SeqNo: **2662868** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	13.46	0.050	0	0	0	0-0	14.66	8.53	20	

The following samples were analyzed in this batch:

1403017-01B 1403017-02B 1403017-03B
1403017-04B

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

Client: HRL Compliance Solutions, Inc
Work Order: 1403017
Project: Ursa Tank Containment Characterization 2.24-2.25.

QC BATCH REPORT

Batch ID: **R136581** Instrument ID **MOIST** Method: **A2540 G**

MBLK Sample ID: **WBLKS-R136581** Units: **% of sample** Analysis Date: **3/3/2014 10:42 AM**
Client ID: Run ID: **MOIST_140303C** SeqNo: **2663019** 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-R136581** Units: **% of sample** Analysis Date: **3/3/2014 10:42 AM**
Client ID: Run ID: **MOIST_140303C** SeqNo: **2663018** 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: **1403017-05B DUP** Units: **% of sample** Analysis Date: **3/3/2014 10:42 AM**
Client ID: **BH07 15-16.5'** Run ID: **MOIST_140303C** SeqNo: **2663008** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	6.27	0.050	0	0	0	0-0	7.7	20.5	20	R

DUP Sample ID: **1403017-09B DUP** Units: **% of sample** Analysis Date: **3/3/2014 10:42 AM**
Client ID: **BH12 9'-10.5'** Run ID: **MOIST_140303C** SeqNo: **2663013** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	5.77	0.050	0	0	0	0-0	5.94	2.9	20	

The following samples were analyzed in this batch:

1403017-05B	1403017-06B	1403017-07B
1403017-08B	1403017-09B	

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 # 1403017

PAGE 1 of 1

DISPOSAL (By Lab) or Return to Client

PROJECT NAME	Ursa Tank Containment Characterization	SAMPLER	Finn Whiting
PROJECT No.		SITE ID	Norcross A
		EDD FORMAT	
		PURCHASE ORDER	
COMPANY NAME	HCSI	BILL TO COMPANY	HCSI
SEND REPORT TO	HCSI- Kris Rowe	INVOICE ATTN TO	Staci Knob
ADDRESS	2385 F 1/2 Road	ADDRESS	2385 F 1/2 Road
CITY / STATE / ZIP	Grand Junction, CO, 81505	CITY / STATE / ZIP	Grand Junction, CO, 81505
PHONE	970-261-2015	PHONE	970-243-3271
FAX	970-243-3280	FAX	970-243-3280
E-MAIL	krowe@hrlcomp.com	E-MAIL	sknob@hrlcomp.com

DATE: 2/28/2014

TURNAROUND: Standard

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	DRO	GRO	BTEX	SEMI VOLS - PAH
1	BHO2 9'-10.5'	SOIL	2/24/2014	1213	2			x	x	x	x
2	BH06 9'-10.5'	SOIL	2/25/2014	848	2			x	x	x	x
3	BH07 11'-12.5'	SOIL	2/25/2014	928	2			x	x	x	x
4	BH07 13'-14.5'	SOIL	2/25/2014	936	2			x	x	x	x
5	BH07 15'-16.5'	SOIL	2/25/2014	942	2			x	x	x	x
6	BH08 17'-18.5'	SOIL	2/25/2014	1102	2			x	x	x	x
7	BH09 11'-12.5'	SOIL	2/25/2014	1130	2			x	x	x	x
8	BH10 11'-12.5'	SOIL	2/25/2014	1219	2			x	x	x	x
9	BH12 9'-10.5'	SOIL	2/25/2014	1313	2			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: 3.6°C

QC PACKAGE (check below)

- LEVEL II (Standard QC)
- LEVEL III (Std QC + forms)
- 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
RELINQUISHED BY		Finn Whiting	2/28/2014	10:05
RECEIVED BY		Diane F. Shaw	3/1/14	1000
RELINQUISHED BY				
RECEIVED BY				
RELINQUISHED BY				
RECEIVED BY				

ALS Group USA, Corp

Sample Receipt Checklist

Client Name: **HRL** Date/Time Received: **01-Mar-14 10:00**

Work Order: **1403017** Received by: **DS**

Checklist completed by Diane Shaw (eSignature) 03-Mar-14 (Date) Reviewed by: Ann Preston (eSignature) 03-Mar-14 (Date)

Matrices: Soil

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Sample(s) received on ice?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	3.6 c		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	3/3/2014 8:37:20 AM		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

SDR

FedEx Saturday Delivery

151967 REV 7/08 RRD

RT 769 2 ST 8

FedEx Express *NEW Package US Airbill*

FedEx Tracking Number 8022 0273 10[illegible] 1089 03.01

1 From

Date 2/28/14

Sender's Name Finn Whiting Phone 970 394-070

Company HCSI

Address 2385 F½ Rd

Dept/Floor/Suite/Room

City Grand Junction State CO ZIP 81505

2 Your Internal Billing Reference

3 To

Recipient's Name Samples Recieving Phone 616 399-607[illegible]

Company ALS Holland

Address 3352 128th Ave

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept/Floor/Suite/Room

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FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday
FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

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Use this line for the HOLD location address or for continuation of your shipping address.

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HOLLAND, MI 494249263
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DIMS: 23x13x13 IN
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3352 128TH AVE

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Total Packages 1 Total Weight 35 lbs.

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