



16-May-2013

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

Re: **Gunnison Energy Hotchkiss Fed 18-31 Spill**

Work Order: **1305379**

Dear Kris,

ALS Environmental received 10 samples on 09-May-2013 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 44.

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

Sincerely,

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

Electronically approved by: Ann Preston

Ann Preston
Project Manager



Certificate No: MN 532786

Report of Laboratory Analysis

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

ALS GROUP USA, CORP Part of the ALS Group An ALS Limited Company

Client: HRL Compliance Solutions
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill
Work Order: 1305379

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>
1305379-01	Point of Origin	Soil		5/7/2013 10:30	5/9/2013 09:30	<input type="checkbox"/>
1305379-02	Fence Line	Soil		5/7/2013 10:45	5/9/2013 09:30	<input type="checkbox"/>
1305379-03	Catchment Basin (soil)	Soil		5/7/2013 11:00	5/9/2013 09:30	<input type="checkbox"/>
1305379-04	Downgradient 1	Soil		5/7/2013 11:20	5/9/2013 09:30	<input type="checkbox"/>
1305379-05	Downgradient 2	Soil		5/7/2013 11:30	5/9/2013 09:30	<input type="checkbox"/>
1305379-06	Catchment Basin (water)	Water		5/7/2013 11:10	5/9/2013 09:30	<input type="checkbox"/>
1305379-07	BKGD 1	Soil		5/7/2013 12:00	5/9/2013 09:30	<input type="checkbox"/>
1305379-08	BKGD 2	Soil		5/7/2013 12:15	5/9/2013 09:30	<input type="checkbox"/>
1305379-09	BKGD 3	Soil		5/7/2013 12:20	5/9/2013 09:30	<input type="checkbox"/>
1305379-10	Stockpile	Soil		5/7/2013 12:30	5/9/2013 09:30	<input type="checkbox"/>

Client: HRL Compliance Solutions
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill
Work Order: 1305379

Case Narrative

Batch 48334 Point of Origin MS/MSD recoveries for Hexavalent Chromium were below control limits and the RPD was above control limits. The corresponding result in the parent sample may be biased low.

Batch R120513MS/MSD data for GRO is not related to this project's samples. No data requires qualification.

Client: HRL Compliance Solutions
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill
WorkOrder: 1305379

**QUALIFIERS,
ACRONYMS, UNITS**

<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 detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCS D	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
TDL	Target Detection Limit
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
µg/L	Micrograms per Liter
mg/Kg-dry	Milligrams per Kilogram Dry Weight
mg/L	Milligrams per Liter
mmhos/cm @25°F	Microhms-Centimeter at 25 Degrees Fahrenheit
none	
s.u.	Standard Units

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill
Sample ID: Point of Origin
Collection Date: 5/7/2013 10:30 AM

Work Order: 1305379
Lab ID: 1305379-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			SW8015M		Prep Date: 5/9/2013	Analyst: RM
DRO (C10-C28)	ND		4.9	mg/Kg-dry	1	5/9/2013 11:51 PM
Surr: 4-Terphenyl-d14	56.8		39-115	%REC	1	5/9/2013 11:51 PM
GASOLINE RANGE ORGANICS BY GC-FID			SW8015			Analyst: JD
GRO (C6-C10)	ND		3.0	mg/Kg-dry	50	5/10/2013 02:48 AM
Surr: Toluene-d8	113		50-150	%REC	50	5/10/2013 02:48 AM
MERCURY BY CVAA			SW7471		Prep Date: 5/10/2013	Analyst: LR
Mercury	ND		0.019	mg/Kg-dry	1	5/10/2013 04:41 PM
METALS BY ICP-MS			SW6020A		Prep Date: 5/10/2013	Analyst: ML
Arsenic	ND		2.0	mg/Kg-dry	5	5/10/2013 04:45 PM
Barium	190		2.0	mg/Kg-dry	5	5/10/2013 04:45 PM
Cadmium	ND		0.80	mg/Kg-dry	5	5/10/2013 04:45 PM
Chromium	5.6		2.0	mg/Kg-dry	5	5/10/2013 04:45 PM
Copper	8.7		2.0	mg/Kg-dry	5	5/10/2013 04:45 PM
Lead	7.6		2.0	mg/Kg-dry	5	5/10/2013 04:45 PM
Nickel	7.8		2.0	mg/Kg-dry	5	5/10/2013 04:45 PM
Selenium	ND		2.0	mg/Kg-dry	5	5/10/2013 04:45 PM
Silver	ND		2.0	mg/Kg-dry	5	5/10/2013 04:45 PM
Zinc	41		4.0	mg/Kg-dry	5	5/10/2013 04:45 PM
SOLUBLE CATIONS FOR SAR			SW6020A		Prep Date: 5/10/2013	Analyst: RH
Calcium	65		12	mg/L-dry	20	5/14/2013 01:46 PM
Magnesium	9.5		4.8	mg/L-dry	20	5/14/2013 01:46 PM
Sodium	410		4.8	mg/L-dry	20	5/14/2013 01:46 PM
SODIUM ADSORPTION RATIO			USDA H60 METHO		Prep Date: 5/10/2013	Analyst: KK
Sodium Adsorption Ratio	12		0.010	none	1	5/14/2013
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 5/9/2013	Analyst: RM
Acenaphthene	ND		18	µg/Kg-dry	1	5/10/2013 10:45 AM
Acenaphthylene	ND		36	µg/Kg-dry	1	5/10/2013 10:45 AM
Anthracene	ND		18	µg/Kg-dry	1	5/10/2013 10:45 AM
Benzo(a)anthracene	ND		20	µg/Kg-dry	1	5/10/2013 10:45 AM
Benzo(a)pyrene	ND		20	µg/Kg-dry	1	5/10/2013 10:45 AM
Benzo(b)fluoranthene	ND		22	µg/Kg-dry	1	5/10/2013 10:45 AM
Benzo(g,h,i)perylene	ND		34	µg/Kg-dry	1	5/10/2013 10:45 AM
Benzo(k)fluoranthene	ND		22	µg/Kg-dry	1	5/10/2013 10:45 AM
Chrysene	ND		18	µg/Kg-dry	1	5/10/2013 10:45 AM
Dibenzo(a,h)anthracene	ND		22	µg/Kg-dry	1	5/10/2013 10:45 AM
Fluoranthene	ND		18	µg/Kg-dry	1	5/10/2013 10:45 AM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill
Sample ID: Point of Origin
Collection Date: 5/7/2013 10:30 AM

Work Order: 1305379
Lab ID: 1305379-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		18	µg/Kg-dry	1	5/10/2013 10:45 AM
Indeno(1,2,3-cd)pyrene	ND		24	µg/Kg-dry	1	5/10/2013 10:45 AM
Naphthalene	ND		18	µg/Kg-dry	1	5/10/2013 10:45 AM
Pyrene	ND		18	µg/Kg-dry	1	5/10/2013 10:45 AM
Surr: 2-Fluorobiphenyl	66.5		12-100	%REC	1	5/10/2013 10:45 AM
Surr: 4-Terphenyl-d14	106		25-137	%REC	1	5/10/2013 10:45 AM
Surr: Nitrobenzene-d5	67.8		37-107	%REC	1	5/10/2013 10:45 AM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 5/9/2013	Analyst: BG
Benzene	ND		36	µg/Kg-dry	1	5/9/2013 07:09 PM
Ethylbenzene	ND		36	µg/Kg-dry	1	5/9/2013 07:09 PM
m,p-Xylene	ND		72	µg/Kg-dry	1	5/9/2013 07:09 PM
o-Xylene	ND		36	µg/Kg-dry	1	5/9/2013 07:09 PM
Toluene	ND		36	µg/Kg-dry	1	5/9/2013 07:09 PM
Xylenes, Total	ND		110	µg/Kg-dry	1	5/9/2013 07:09 PM
Surr: 1,2-Dichloroethane-d4	101		70-130	%REC	1	5/9/2013 07:09 PM
Surr: 4-Bromofluorobenzene	97.4		70-130	%REC	1	5/9/2013 07:09 PM
Surr: Dibromofluoromethane	97.4		70-130	%REC	1	5/9/2013 07:09 PM
Surr: Toluene-d8	98.6		70-130	%REC	1	5/9/2013 07:09 PM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO		Prep Date: 5/10/2013	Analyst: JB
Electrical Conductivity @ Saturation	2.3		0.25	mmhos/cm @2	50	5/14/2013 12:00 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	5.6		0.60	mg/Kg-dry	1	5/13/2013 10:20 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 5/9/2013	Analyst: JB
Chromium, Hexavalent	ND		0.60	mg/Kg-dry	1	5/10/2013 03:30 PM
MOISTURE			A2540 G			Analyst: RLF
Moisture	17		0.050	% of sample	1	5/9/2013 03:00 PM
PH			SW9045D			Analyst: KF
pH	8.6			s.u.	1	5/10/2013 09:30 AM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill
Sample ID: Fence Line
Collection Date: 5/7/2013 10:45 AM

Work Order: 1305379
Lab ID: 1305379-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			SW8015M		Prep Date: 5/9/2013	Analyst: RM
DRO (C10-C28)	ND		6.0	mg/Kg-dry	1	5/10/2013 12:22 PM
Surr: 4-Terphenyl-d14	52.7		39-115	%REC	1	5/10/2013 12:22 PM
GASOLINE RANGE ORGANICS BY GC-FID			SW8015			Analyst: JD
GRO (C6-C10)	ND		3.7	mg/Kg-dry	50	5/10/2013 03:12 AM
Surr: Toluene-d8	122		50-150	%REC	50	5/10/2013 03:12 AM
MERCURY BY CVAA			SW7471		Prep Date: 5/10/2013	Analyst: LR
Mercury	ND		0.021	mg/Kg-dry	1	5/10/2013 04:43 PM
METALS BY ICP-MS			SW6020A		Prep Date: 5/10/2013	Analyst: ML
Arsenic	ND		2.4	mg/Kg-dry	5	5/10/2013 04:51 PM
Barium	420		2.4	mg/Kg-dry	5	5/10/2013 04:51 PM
Cadmium	ND		0.98	mg/Kg-dry	5	5/10/2013 04:51 PM
Chromium	8.3		2.4	mg/Kg-dry	5	5/10/2013 04:51 PM
Copper	15		2.4	mg/Kg-dry	5	5/10/2013 04:51 PM
Lead	11		2.4	mg/Kg-dry	5	5/10/2013 04:51 PM
Nickel	6.8		2.4	mg/Kg-dry	5	5/10/2013 04:51 PM
Selenium	ND		2.4	mg/Kg-dry	5	5/10/2013 04:51 PM
Silver	ND		2.4	mg/Kg-dry	5	5/10/2013 04:51 PM
Zinc	50		4.9	mg/Kg-dry	5	5/10/2013 04:51 PM
SOLUBLE CATIONS FOR SAR			SW6020A		Prep Date: 5/10/2013	Analyst: RH
Calcium	91		15	mg/L-dry	20	5/14/2013 01:51 PM
Magnesium	11		5.9	mg/L-dry	20	5/14/2013 01:51 PM
Sodium	170		5.9	mg/L-dry	20	5/14/2013 01:51 PM
SODIUM ADSORPTION RATIO			USDA H60 METHO		Prep Date: 5/10/2013	Analyst: KK
Sodium Adsorption Ratio	3.7		0.010	none	1	5/14/2013
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 5/9/2013	Analyst: RM
Acenaphthene	ND		22	µg/Kg-dry	1	5/10/2013 11:05 AM
Acenaphthylene	ND		44	µg/Kg-dry	1	5/10/2013 11:05 AM
Anthracene	ND		22	µg/Kg-dry	1	5/10/2013 11:05 AM
Benzo(a)anthracene	ND		25	µg/Kg-dry	1	5/10/2013 11:05 AM
Benzo(a)pyrene	ND		25	µg/Kg-dry	1	5/10/2013 11:05 AM
Benzo(b)fluoranthene	ND		27	µg/Kg-dry	1	5/10/2013 11:05 AM
Benzo(g,h,i)perylene	ND		41	µg/Kg-dry	1	5/10/2013 11:05 AM
Benzo(k)fluoranthene	ND		27	µg/Kg-dry	1	5/10/2013 11:05 AM
Chrysene	ND		22	µg/Kg-dry	1	5/10/2013 11:05 AM
Dibenzo(a,h)anthracene	ND		27	µg/Kg-dry	1	5/10/2013 11:05 AM
Fluoranthene	ND		22	µg/Kg-dry	1	5/10/2013 11:05 AM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill
Sample ID: Fence Line
Collection Date: 5/7/2013 10:45 AM

Work Order: 1305379
Lab ID: 1305379-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		22	µg/Kg-dry	1	5/10/2013 11:05 AM
Indeno(1,2,3-cd)pyrene	ND		29	µg/Kg-dry	1	5/10/2013 11:05 AM
Naphthalene	ND		22	µg/Kg-dry	1	5/10/2013 11:05 AM
Pyrene	ND		22	µg/Kg-dry	1	5/10/2013 11:05 AM
Surr: 2-Fluorobiphenyl	59.7		12-100	%REC	1	5/10/2013 11:05 AM
Surr: 4-Terphenyl-d14	97.3		25-137	%REC	1	5/10/2013 11:05 AM
Surr: Nitrobenzene-d5	64.4		37-107	%REC	1	5/10/2013 11:05 AM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 5/9/2013	Analyst: BG
Benzene	ND		44	µg/Kg-dry	1	5/9/2013 07:34 PM
Ethylbenzene	ND		44	µg/Kg-dry	1	5/9/2013 07:34 PM
m,p-Xylene	ND		88	µg/Kg-dry	1	5/9/2013 07:34 PM
o-Xylene	ND		44	µg/Kg-dry	1	5/9/2013 07:34 PM
Toluene	ND		44	µg/Kg-dry	1	5/9/2013 07:34 PM
Xylenes, Total	ND		130	µg/Kg-dry	1	5/9/2013 07:34 PM
Surr: 1,2-Dichloroethane-d4	101		70-130	%REC	1	5/9/2013 07:34 PM
Surr: 4-Bromofluorobenzene	99.8		70-130	%REC	1	5/9/2013 07:34 PM
Surr: Dibromofluoromethane	96.6		70-130	%REC	1	5/9/2013 07:34 PM
Surr: Toluene-d8	101		70-130	%REC	1	5/9/2013 07:34 PM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO		Prep Date: 5/10/2013	Analyst: JB
Electrical Conductivity @ Saturation	0.99		0.050	mmhos/cm @2	10	5/14/2013 12:00 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	8.3		0.74	mg/Kg-dry	1	5/13/2013 10:20 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 5/9/2013	Analyst: JB
Chromium, Hexavalent	ND		0.74	mg/Kg-dry	1	5/10/2013 03:30 PM
MOISTURE			A2540 G			Analyst: RLF
Moisture	32		0.050	% of sample	1	5/9/2013 03:00 PM
PH			SW9045D			Analyst: KF
pH	8.2			s.u.	1	5/10/2013 09:30 AM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions

Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

Work Order: 1305379

Sample ID: Catchment Basin (soil)

Lab ID: 1305379-03

Collection Date: 5/7/2013 11:00 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			SW8015M		Prep Date: 5/9/2013	Analyst: RM
DRO (C10-C28)	ND		5.7	mg/Kg-dry	1	5/10/2013 12:52 PM
Surr: 4-Terphenyl-d14	44.5		39-115	%REC	1	5/10/2013 12:52 PM
GASOLINE RANGE ORGANICS BY GC-FID			SW8015			Analyst: JD
GRO (C6-C10)	ND		3.5	mg/Kg-dry	50	5/10/2013 03:37 AM
Surr: Toluene-d8	119		50-150	%REC	50	5/10/2013 03:37 AM
MERCURY BY CVAA			SW7471		Prep Date: 5/10/2013	Analyst: LR
Mercury	ND		0.021	mg/Kg-dry	1	5/10/2013 04:45 PM
METALS BY ICP-MS			SW6020A		Prep Date: 5/10/2013	Analyst: ML
Arsenic	2.2		2.1	mg/Kg-dry	5	5/10/2013 05:04 PM
Barium	500		2.1	mg/Kg-dry	5	5/10/2013 05:04 PM
Cadmium	ND		0.85	mg/Kg-dry	5	5/10/2013 05:04 PM
Chromium	8.3		2.1	mg/Kg-dry	5	5/10/2013 05:04 PM
Copper	14		2.1	mg/Kg-dry	5	5/10/2013 05:04 PM
Lead	12		2.1	mg/Kg-dry	5	5/10/2013 05:04 PM
Nickel	7.6		2.1	mg/Kg-dry	5	5/10/2013 05:04 PM
Selenium	ND		2.1	mg/Kg-dry	5	5/10/2013 05:04 PM
Silver	ND		2.1	mg/Kg-dry	5	5/10/2013 05:04 PM
Zinc	64		4.2	mg/Kg-dry	5	5/10/2013 05:04 PM
SOLUBLE CATIONS FOR SAR			SW6020A		Prep Date: 5/10/2013	Analyst: RH
Calcium	100		14	mg/L-dry	20	5/14/2013 01:56 PM
Magnesium	14		5.6	mg/L-dry	20	5/14/2013 01:56 PM
Sodium	290		5.6	mg/L-dry	20	5/14/2013 01:56 PM
SODIUM ADSORPTION RATIO			USDA H60 METHO		Prep Date: 5/10/2013	Analyst: KK
Sodium Adsorption Ratio	6.0		0.010	none	1	5/14/2013
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 5/9/2013	Analyst: RM
Acenaphthene	ND		21	µg/Kg-dry	1	5/10/2013 11:25 AM
Acenaphthylene	ND		42	µg/Kg-dry	1	5/10/2013 11:25 AM
Anthracene	ND		21	µg/Kg-dry	1	5/10/2013 11:25 AM
Benzo(a)anthracene	ND		24	µg/Kg-dry	1	5/10/2013 11:25 AM
Benzo(a)pyrene	ND		24	µg/Kg-dry	1	5/10/2013 11:25 AM
Benzo(b)fluoranthene	ND		25	µg/Kg-dry	1	5/10/2013 11:25 AM
Benzo(g,h,i)perylene	ND		39	µg/Kg-dry	1	5/10/2013 11:25 AM
Benzo(k)fluoranthene	ND		25	µg/Kg-dry	1	5/10/2013 11:25 AM
Chrysene	ND		21	µg/Kg-dry	1	5/10/2013 11:25 AM
Dibenzo(a,h)anthracene	ND		25	µg/Kg-dry	1	5/10/2013 11:25 AM
Fluoranthene	ND		21	µg/Kg-dry	1	5/10/2013 11:25 AM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill
Sample ID: Catchment Basin (soil)
Collection Date: 5/7/2013 11:00 AM

Work Order: 1305379
Lab ID: 1305379-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		21	µg/Kg-dry	1	5/10/2013 11:25 AM
Indeno(1,2,3-cd)pyrene	ND		28	µg/Kg-dry	1	5/10/2013 11:25 AM
Naphthalene	ND		21	µg/Kg-dry	1	5/10/2013 11:25 AM
Pyrene	ND		21	µg/Kg-dry	1	5/10/2013 11:25 AM
Surr: 2-Fluorobiphenyl	52.1		12-100	%REC	1	5/10/2013 11:25 AM
Surr: 4-Terphenyl-d14	92.2		25-137	%REC	1	5/10/2013 11:25 AM
Surr: Nitrobenzene-d5	53.4		37-107	%REC	1	5/10/2013 11:25 AM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 5/9/2013	Analyst: BG
Benzene	ND		42	µg/Kg-dry	1	5/9/2013 07:58 PM
Ethylbenzene	ND		42	µg/Kg-dry	1	5/9/2013 07:58 PM
m,p-Xylene	ND		84	µg/Kg-dry	1	5/9/2013 07:58 PM
o-Xylene	ND		42	µg/Kg-dry	1	5/9/2013 07:58 PM
Toluene	ND		42	µg/Kg-dry	1	5/9/2013 07:58 PM
Xylenes, Total	ND		130	µg/Kg-dry	1	5/9/2013 07:58 PM
Surr: 1,2-Dichloroethane-d4	99.8		70-130	%REC	1	5/9/2013 07:58 PM
Surr: 4-Bromofluorobenzene	97.4		70-130	%REC	1	5/9/2013 07:58 PM
Surr: Dibromofluoromethane	92.8		70-130	%REC	1	5/9/2013 07:58 PM
Surr: Toluene-d8	98.2		70-130	%REC	1	5/9/2013 07:58 PM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO		Prep Date: 5/10/2013	Analyst: JB
Electrical Conductivity @ Saturation	1.6		0.050	mmhos/cm @2	10	5/14/2013 12:00 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	8.3		0.70	mg/Kg-dry	1	5/13/2013 10:20 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 5/9/2013	Analyst: JB
Chromium, Hexavalent	ND		0.71	mg/Kg-dry	1	5/10/2013 03:30 PM
MOISTURE			A2540 G			Analyst: RLF
Moisture	28		0.050	% of sample	1	5/9/2013 03:00 PM
PH			SW9045D			Analyst: KF
pH	7.9			s.u.	1	5/10/2013 09:30 AM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions

Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

Work Order: 1305379

Sample ID: Downgradient 1

Lab ID: 1305379-04

Collection Date: 5/7/2013 11:20 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			SW8015M		Prep Date: 5/9/2013	Analyst: RM
DRO (C10-C28)	ND		5.4	mg/Kg-dry	1	5/10/2013 01:23 AM
Surr: 4-Terphenyl-d14	40.0		39-115	%REC	1	5/10/2013 01:23 AM
GASOLINE RANGE ORGANICS BY GC-FID			SW8015			Analyst: JD
GRO (C6-C10)	ND		3.3	mg/Kg-dry	50	5/10/2013 04:01 AM
Surr: Toluene-d8	115		50-150	%REC	50	5/10/2013 04:01 AM
MERCURY BY CVAA			SW7471		Prep Date: 5/10/2013	Analyst: LR
Mercury	ND		0.018	mg/Kg-dry	1	5/10/2013 04:47 PM
METALS BY ICP-MS			SW6020A		Prep Date: 5/10/2013	Analyst: ML
Arsenic	ND		2.2	mg/Kg-dry	5	5/10/2013 05:11 PM
Barium	420		2.2	mg/Kg-dry	5	5/10/2013 05:11 PM
Cadmium	ND		0.87	mg/Kg-dry	5	5/10/2013 05:11 PM
Chromium	6.9		2.2	mg/Kg-dry	5	5/10/2013 05:11 PM
Copper	13		2.2	mg/Kg-dry	5	5/10/2013 05:11 PM
Lead	10		2.2	mg/Kg-dry	5	5/10/2013 05:11 PM
Nickel	6.9		2.2	mg/Kg-dry	5	5/10/2013 05:11 PM
Selenium	ND		2.2	mg/Kg-dry	5	5/10/2013 05:11 PM
Silver	ND		2.2	mg/Kg-dry	5	5/10/2013 05:11 PM
Zinc	96		4.4	mg/Kg-dry	5	5/10/2013 05:11 PM
SOLUBLE CATIONS FOR SAR			SW6020A		Prep Date: 5/10/2013	Analyst: RH
Calcium	120		13	mg/L-dry	20	5/14/2013 02:02 PM
Magnesium	15		5.3	mg/L-dry	20	5/14/2013 02:02 PM
Sodium	310		5.3	mg/L-dry	20	5/14/2013 02:02 PM
SODIUM ADSORPTION RATIO			USDA H60 METHO		Prep Date: 5/10/2013	Analyst: KK
Sodium Adsorption Ratio	6.3		0.010	none	1	5/14/2013
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 5/9/2013	Analyst: RM
Acenaphthene	ND		20	µg/Kg-dry	1	5/10/2013 11:44 AM
Acenaphthylene	ND		39	µg/Kg-dry	1	5/10/2013 11:44 AM
Anthracene	ND		20	µg/Kg-dry	1	5/10/2013 11:44 AM
Benzo(a)anthracene	ND		22	µg/Kg-dry	1	5/10/2013 11:44 AM
Benzo(a)pyrene	ND		22	µg/Kg-dry	1	5/10/2013 11:44 AM
Benzo(b)fluoranthene	ND		24	µg/Kg-dry	1	5/10/2013 11:44 AM
Benzo(g,h,i)perylene	ND		37	µg/Kg-dry	1	5/10/2013 11:44 AM
Benzo(k)fluoranthene	ND		24	µg/Kg-dry	1	5/10/2013 11:44 AM
Chrysene	ND		20	µg/Kg-dry	1	5/10/2013 11:44 AM
Dibenzo(a,h)anthracene	ND		24	µg/Kg-dry	1	5/10/2013 11:44 AM
Fluoranthene	ND		20	µg/Kg-dry	1	5/10/2013 11:44 AM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill
Sample ID: Downgradient 1
Collection Date: 5/7/2013 11:20 AM

Work Order: 1305379
Lab ID: 1305379-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		20	µg/Kg-dry	1	5/10/2013 11:44 AM
Indeno(1,2,3-cd)pyrene	ND		26	µg/Kg-dry	1	5/10/2013 11:44 AM
Naphthalene	ND		20	µg/Kg-dry	1	5/10/2013 11:44 AM
Pyrene	ND		20	µg/Kg-dry	1	5/10/2013 11:44 AM
Surr: 2-Fluorobiphenyl	41.2		12-100	%REC	1	5/10/2013 11:44 AM
Surr: 4-Terphenyl-d14	59.0		25-137	%REC	1	5/10/2013 11:44 AM
Surr: Nitrobenzene-d5	43.6		37-107	%REC	1	5/10/2013 11:44 AM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 5/9/2013	Analyst: BG
Benzene	ND		39	µg/Kg-dry	1	5/9/2013 08:22 PM
Ethylbenzene	ND		39	µg/Kg-dry	1	5/9/2013 08:22 PM
m,p-Xylene	ND		79	µg/Kg-dry	1	5/9/2013 08:22 PM
o-Xylene	ND		39	µg/Kg-dry	1	5/9/2013 08:22 PM
Toluene	ND		39	µg/Kg-dry	1	5/9/2013 08:22 PM
Xylenes, Total	ND		120	µg/Kg-dry	1	5/9/2013 08:22 PM
Surr: 1,2-Dichloroethane-d4	104		70-130	%REC	1	5/9/2013 08:22 PM
Surr: 4-Bromofluorobenzene	100		70-130	%REC	1	5/9/2013 08:22 PM
Surr: Dibromofluoromethane	96.4		70-130	%REC	1	5/9/2013 08:22 PM
Surr: Toluene-d8	101		70-130	%REC	1	5/9/2013 08:22 PM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO		Prep Date: 5/10/2013	Analyst: JB
Electrical Conductivity @ Saturation	1.9		0.050	mmhos/cm @2	10	5/14/2013 12:00 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	6.9		0.66	mg/Kg-dry	1	5/13/2013 10:20 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 5/9/2013	Analyst: JB
Chromium, Hexavalent	ND		0.66	mg/Kg-dry	1	5/10/2013 03:30 PM
MOISTURE			A2540 G			Analyst: RLF
Moisture	24		0.050	% of sample	1	5/9/2013 03:00 PM
PH			SW9045D			Analyst: KF
pH	8.3			s.u.	1	5/10/2013 09:30 AM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions

Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

Work Order: 1305379

Sample ID: Downgradient 2

Lab ID: 1305379-05

Collection Date: 5/7/2013 11:30 AM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			SW8015M		Prep Date: 5/9/2013	Analyst: RM
DRO (C10-C28)	ND		5.3	mg/Kg-dry	1	5/10/2013 01:53 AM
Surr: 4-Terphenyl-d14	48.2		39-115	%REC	1	5/10/2013 01:53 AM
GASOLINE RANGE ORGANICS BY GC-FID			SW8015			Analyst: JD
GRO (C6-C10)	ND		3.3	mg/Kg-dry	50	5/10/2013 04:26 AM
Surr: Toluene-d8	115		50-150	%REC	50	5/10/2013 04:26 AM
MERCURY BY CVAA			SW7471		Prep Date: 5/10/2013	Analyst: LR
Mercury	ND		0.018	mg/Kg-dry	1	5/10/2013 04:49 PM
METALS BY ICP-MS			SW6020A		Prep Date: 5/10/2013	Analyst: ML
Arsenic	ND		2.3	mg/Kg-dry	5	5/10/2013 05:17 PM
Barium	690		2.3	mg/Kg-dry	5	5/10/2013 05:17 PM
Cadmium	ND		0.93	mg/Kg-dry	5	5/10/2013 05:17 PM
Chromium	5.5		2.3	mg/Kg-dry	5	5/10/2013 05:17 PM
Copper	9.2		2.3	mg/Kg-dry	5	5/10/2013 05:17 PM
Lead	11		2.3	mg/Kg-dry	5	5/10/2013 05:17 PM
Nickel	4.7		2.3	mg/Kg-dry	5	5/10/2013 05:17 PM
Selenium	ND		2.3	mg/Kg-dry	5	5/10/2013 05:17 PM
Silver	ND		2.3	mg/Kg-dry	5	5/10/2013 05:17 PM
Zinc	82		4.7	mg/Kg-dry	5	5/10/2013 05:17 PM
SOLUBLE CATIONS FOR SAR			SW6020A		Prep Date: 5/10/2013	Analyst: RH
Calcium	110		13	mg/L-dry	20	5/14/2013 02:07 PM
Magnesium	16		5.2	mg/L-dry	20	5/14/2013 02:07 PM
Sodium	350		5.2	mg/L-dry	20	5/14/2013 02:07 PM
SODIUM ADSORPTION RATIO			USDA H60 METHO		Prep Date: 5/10/2013	Analyst: KK
Sodium Adsorption Ratio	7.3		0.010	none	1	5/14/2013
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 5/9/2013	Analyst: RM
Acenaphthene	ND		20	µg/Kg-dry	1	5/10/2013 12:04 PM
Acenaphthylene	ND		39	µg/Kg-dry	1	5/10/2013 12:04 PM
Anthracene	ND		20	µg/Kg-dry	1	5/10/2013 12:04 PM
Benzo(a)anthracene	ND		22	µg/Kg-dry	1	5/10/2013 12:04 PM
Benzo(a)pyrene	ND		22	µg/Kg-dry	1	5/10/2013 12:04 PM
Benzo(b)fluoranthene	ND		23	µg/Kg-dry	1	5/10/2013 12:04 PM
Benzo(g,h,i)perylene	ND		36	µg/Kg-dry	1	5/10/2013 12:04 PM
Benzo(k)fluoranthene	ND		23	µg/Kg-dry	1	5/10/2013 12:04 PM
Chrysene	ND		20	µg/Kg-dry	1	5/10/2013 12:04 PM
Dibenzo(a,h)anthracene	ND		23	µg/Kg-dry	1	5/10/2013 12:04 PM
Fluoranthene	ND		20	µg/Kg-dry	1	5/10/2013 12:04 PM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill
Sample ID: Downgradient 2
Collection Date: 5/7/2013 11:30 AM

Work Order: 1305379
Lab ID: 1305379-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		20	µg/Kg-dry	1	5/10/2013 12:04 PM
Indeno(1,2,3-cd)pyrene	ND		26	µg/Kg-dry	1	5/10/2013 12:04 PM
Naphthalene	ND		20	µg/Kg-dry	1	5/10/2013 12:04 PM
Pyrene	ND		20	µg/Kg-dry	1	5/10/2013 12:04 PM
Surr: 2-Fluorobiphenyl	54.0		12-100	%REC	1	5/10/2013 12:04 PM
Surr: 4-Terphenyl-d14	77.2		25-137	%REC	1	5/10/2013 12:04 PM
Surr: Nitrobenzene-d5	58.2		37-107	%REC	1	5/10/2013 12:04 PM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 5/9/2013	Analyst: RS
Benzene	ND		39	µg/Kg-dry	1	5/10/2013 12:52 PM
Ethylbenzene	ND		39	µg/Kg-dry	1	5/10/2013 12:52 PM
m,p-Xylene	ND		78	µg/Kg-dry	1	5/10/2013 12:52 PM
o-Xylene	ND		39	µg/Kg-dry	1	5/10/2013 12:52 PM
Toluene	ND		39	µg/Kg-dry	1	5/10/2013 12:52 PM
Xylenes, Total	ND		120	µg/Kg-dry	1	5/10/2013 12:52 PM
Surr: 1,2-Dichloroethane-d4	104		70-130	%REC	1	5/10/2013 12:52 PM
Surr: 4-Bromofluorobenzene	95.8		70-130	%REC	1	5/10/2013 12:52 PM
Surr: Dibromofluoromethane	96.4		70-130	%REC	1	5/10/2013 12:52 PM
Surr: Toluene-d8	104		70-130	%REC	1	5/10/2013 12:52 PM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO		Prep Date: 5/10/2013	Analyst: JB
Electrical Conductivity @ Saturation	2.0		0.050	mmhos/cm @2	10	5/14/2013 12:00 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	5.5		0.65	mg/Kg-dry	1	5/13/2013 10:20 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 5/9/2013	Analyst: JB
Chromium, Hexavalent	ND		0.64	mg/Kg-dry	1	5/10/2013 03:30 PM
MOISTURE			A2540 G			Analyst: RLF
Moisture	23		0.050	% of sample	1	5/9/2013 03:00 PM
PH			SW9045D			Analyst: KF
pH	8.3			s.u.	1	5/10/2013 09:30 AM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions

Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

Work Order: 1305379

Sample ID: Catchment Basin (water)

Lab ID: 1305379-06

Collection Date: 5/7/2013 11:10 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: RS
Benzene	ND		1.0	µg/L	1	5/9/2013 03:38 PM
Ethylbenzene	ND		1.0	µg/L	1	5/9/2013 03:38 PM
m,p-Xylene	ND		2.0	µg/L	1	5/9/2013 03:38 PM
o-Xylene	ND		1.0	µg/L	1	5/9/2013 03:38 PM
Toluene	ND		1.0	µg/L	1	5/9/2013 03:38 PM
Xylenes, Total	ND		3.0	µg/L	1	5/9/2013 03:38 PM
Surr: 1,2-Dichloroethane-d4	97.2		70-120	%REC	1	5/9/2013 03:38 PM
Surr: 4-Bromofluorobenzene	97.8		75-120	%REC	1	5/9/2013 03:38 PM
Surr: Dibromofluoromethane	98.6		85-115	%REC	1	5/9/2013 03:38 PM
Surr: Toluene-d8	98.6		85-120	%REC	1	5/9/2013 03:38 PM
ANIONS BY ION CHROMATOGRAPHY			SW9056			Analyst: ED
Chloride	240		20	mg/L	20	5/10/2013 01:07 PM
Sulfate	17		10	mg/L	10	5/10/2013 11:05 AM
TOTAL DISSOLVED SOLIDS			A2540 C			Analyst: BAS
Total Dissolved Solids	1,800		10	mg/L	1	5/9/2013 03:48 PM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill
Sample ID: BKGD 1
Collection Date: 5/7/2013 12:00 PM

Work Order: 1305379
Lab ID: 1305379-07
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			SW6020A		Prep Date: 5/10/2013	Analyst: ML
Arsenic	ND		2.3	mg/Kg-dry	5	5/10/2013 05:23 PM
SOLUBLE CATIONS FOR SAR			SW6020A		Prep Date: 5/10/2013	Analyst: RH
Calcium	290		13	mg/L-dry	20	5/14/2013 02:12 PM
Magnesium	49		5.3	mg/L-dry	20	5/14/2013 02:12 PM
Sodium	11		5.3	mg/L-dry	20	5/14/2013 02:12 PM
SODIUM ADSORPTION RATIO			USDA H60 METHO		Prep Date: 5/10/2013	Analyst: KK
Sodium Adsorption Ratio	0.14		0.010	none	1	5/14/2013
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO		Prep Date: 5/10/2013	Analyst: JB
Electrical Conductivity @ Saturation	1.6		0.050	mmhos/cm @2	10	5/14/2013 12:00 PM
MOISTURE			A2540 G			Analyst: RLF
Moisture	24		0.050	% of sample	1	5/9/2013 03:00 PM
PH			SW9045D			Analyst: KF
pH	7.4			s.u.	1	5/10/2013 09:30 AM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill
Sample ID: BKGD 2
Collection Date: 5/7/2013 12:15 PM

Work Order: 1305379
Lab ID: 1305379-08
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			SW6020A		Prep Date: 5/10/2013	Analyst: ML
Arsenic	ND		2.7	mg/Kg-dry	5	5/10/2013 05:29 PM
MOISTURE			A2540 G			Analyst: RLF
Moisture	31		0.050	% of sample	1	5/9/2013 03:00 PM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill
Sample ID: BKGD 3
Collection Date: 5/7/2013 12:20 PM

Work Order: 1305379
Lab ID: 1305379-09
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			SW6020A		Prep Date: 5/10/2013	Analyst: ML
Arsenic	2.7		1.9	mg/Kg-dry	5	5/10/2013 05:34 PM
MOISTURE			A2540 G			Analyst: RLF
Moisture	19		0.050	% of sample	1	5/9/2013 03:00 PM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions

Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

Work Order: 1305379

Sample ID: Stockpile

Lab ID: 1305379-10

Collection Date: 5/7/2013 12:30 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			SW8015M		Prep Date: 5/9/2013	Analyst: RM
DRO (C10-C28)	ND		5.5	mg/Kg-dry	1	5/10/2013 02:24 AM
Surr: 4-Terphenyl-d14	51.9		39-115	%REC	1	5/10/2013 02:24 AM
GASOLINE RANGE ORGANICS BY GC-FID			SW8015			Analyst: JD
GRO (C6-C10)	ND		3.3	mg/Kg-dry	50	5/10/2013 04:50 AM
Surr: Toluene-d8	115		50-150	%REC	50	5/10/2013 04:50 AM
MERCURY BY CVAA			SW7471		Prep Date: 5/10/2013	Analyst: LR
Mercury	ND		0.019	mg/Kg-dry	1	5/10/2013 04:51 PM
METALS BY ICP-MS			SW6020A		Prep Date: 5/10/2013	Analyst: ML
Arsenic	2.8		2.3	mg/Kg-dry	5	5/10/2013 05:40 PM
Barium	270		2.3	mg/Kg-dry	5	5/10/2013 05:40 PM
Cadmium	ND		0.93	mg/Kg-dry	5	5/10/2013 05:40 PM
Chromium	9.8		2.3	mg/Kg-dry	5	5/10/2013 05:40 PM
Copper	13		2.3	mg/Kg-dry	5	5/10/2013 05:40 PM
Lead	13		2.3	mg/Kg-dry	5	5/10/2013 05:40 PM
Nickel	10		2.3	mg/Kg-dry	5	5/10/2013 05:40 PM
Selenium	ND		2.3	mg/Kg-dry	5	5/10/2013 05:40 PM
Silver	ND		2.3	mg/Kg-dry	5	5/10/2013 05:40 PM
Zinc	51		4.6	mg/Kg-dry	5	5/10/2013 05:40 PM
SOLUBLE CATIONS FOR SAR			SW6020A		Prep Date: 5/10/2013	Analyst: RH
Calcium	110		13	mg/L-dry	20	5/14/2013 02:17 PM
Magnesium	14		5.3	mg/L-dry	20	5/14/2013 02:17 PM
Sodium	180		5.3	mg/L-dry	20	5/14/2013 02:17 PM
SODIUM ADSORPTION RATIO			USDA H60 METHO		Prep Date: 5/10/2013	Analyst: KK
Sodium Adsorption Ratio	3.7		0.010	none	1	5/14/2013
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 5/9/2013	Analyst: RM
Acenaphthene	ND		20	µg/Kg-dry	1	5/10/2013 12:24 PM
Acenaphthylene	ND		40	µg/Kg-dry	1	5/10/2013 12:24 PM
Anthracene	ND		20	µg/Kg-dry	1	5/10/2013 12:24 PM
Benzo(a)anthracene	ND		23	µg/Kg-dry	1	5/10/2013 12:24 PM
Benzo(a)pyrene	ND		23	µg/Kg-dry	1	5/10/2013 12:24 PM
Benzo(b)fluoranthene	ND		24	µg/Kg-dry	1	5/10/2013 12:24 PM
Benzo(g,h,i)perylene	ND		37	µg/Kg-dry	1	5/10/2013 12:24 PM
Benzo(k)fluoranthene	ND		24	µg/Kg-dry	1	5/10/2013 12:24 PM
Chrysene	ND		20	µg/Kg-dry	1	5/10/2013 12:24 PM
Dibenzo(a,h)anthracene	ND		24	µg/Kg-dry	1	5/10/2013 12:24 PM
Fluoranthene	ND		20	µg/Kg-dry	1	5/10/2013 12:24 PM

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

ALS Group USA, Corp

Date: 16-May-13

Client: HRL Compliance Solutions
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill
Sample ID: Stockpile
Collection Date: 5/7/2013 12:30 PM

Work Order: 1305379
Lab ID: 1305379-10
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		20	µg/Kg-dry	1	5/10/2013 12:24 PM
Indeno(1,2,3-cd)pyrene	ND		27	µg/Kg-dry	1	5/10/2013 12:24 PM
Naphthalene	ND		20	µg/Kg-dry	1	5/10/2013 12:24 PM
Pyrene	ND		20	µg/Kg-dry	1	5/10/2013 12:24 PM
Surr: 2-Fluorobiphenyl	58.1		12-100	%REC	1	5/10/2013 12:24 PM
Surr: 4-Terphenyl-d14	76.2		25-137	%REC	1	5/10/2013 12:24 PM
Surr: Nitrobenzene-d5	61.9		37-107	%REC	1	5/10/2013 12:24 PM
VOLATILE ORGANIC COMPOUNDS			SW8260		Prep Date: 5/9/2013	Analyst: BG
Benzene	ND		40	µg/Kg-dry	1	5/9/2013 08:47 PM
Ethylbenzene	ND		40	µg/Kg-dry	1	5/9/2013 08:47 PM
m,p-Xylene	ND		80	µg/Kg-dry	1	5/9/2013 08:47 PM
o-Xylene	ND		40	µg/Kg-dry	1	5/9/2013 08:47 PM
Toluene	ND		40	µg/Kg-dry	1	5/9/2013 08:47 PM
Xylenes, Total	ND		120	µg/Kg-dry	1	5/9/2013 08:47 PM
Surr: 1,2-Dichloroethane-d4	102		70-130	%REC	1	5/9/2013 08:47 PM
Surr: 4-Bromofluorobenzene	99.3		70-130	%REC	1	5/9/2013 08:47 PM
Surr: Dibromofluoromethane	95.0		70-130	%REC	1	5/9/2013 08:47 PM
Surr: Toluene-d8	101		70-130	%REC	1	5/9/2013 08:47 PM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO		Prep Date: 5/10/2013	Analyst: JB
Electrical Conductivity @ Saturation	1.2		0.050	mmhos/cm @2	10	5/14/2013 12:00 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: MB
Chromium, Trivalent	9.8		0.67	mg/Kg-dry	1	5/13/2013 10:20 AM
CHROMIUM, HEXAVALENT			SW7196A		Prep Date: 5/9/2013	Analyst: JB
Chromium, Hexavalent	ND		0.67	mg/Kg-dry	1	5/10/2013 03:30 PM
MOISTURE			A2540 G			Analyst: RLF
Moisture	25		0.050	% of sample	1	5/9/2013 03:00 PM
PH			SW9045D			Analyst: KF
pH	8.3			s.u.	1	5/10/2013 09:30 AM

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

Client: HRL Compliance Solutions

QC BATCH REPORT

Work Order: 1305379

Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

Batch ID: **48273**

Instrument ID **GC8**

Method: **SW8015M**

MBLK		Sample ID: DBLKS1-48273-48273				Units: mg/Kg		Analysis Date: 5/9/2013 05:14 PM		
Client ID:		Run ID: GC8_130509A		SeqNo: 2313486		Prep Date: 5/9/2013		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>	1.177	0	2	0	58.9	39-115	0			

LCS		Sample ID: DLCSS1-48273-48273				Units: mg/Kg		Analysis Date: 5/9/2013 05:45 PM		
Client ID:		Run ID: GC8_130509A		SeqNo: 2313487		Prep Date: 5/9/2013		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	175.5	5.0	200	0	87.7	49-124	0			
<i>Surr: 4-Terphenyl-d14</i>	1.224	0	2	0	61.2	39-115	0			

MS		Sample ID: 1305119-09A MS				Units: mg/Kg		Analysis Date: 5/9/2013 06:15 PM		
Client ID:		Run ID: GC8_130509A		SeqNo: 2313488		Prep Date: 5/9/2013		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	444.2	12	497.7	83.69	72.4	49-130	0			
<i>Surr: 4-Terphenyl-d14</i>	3.173	0	4.977	0	63.8	39-115	0			

MSD		Sample ID: 1305119-09A MSD				Units: mg/Kg		Analysis Date: 5/9/2013 06:46 PM		
Client ID:		Run ID: GC8_130509A		SeqNo: 2313489		Prep Date: 5/9/2013		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	447.7	12	499.3	83.69	72.9	49-130	444.2	0.772	30	
<i>Surr: 4-Terphenyl-d14</i>	3.388	0	4.993	0	67.9	39-115	3.173	6.54	30	

The following samples were analyzed in this batch:

1305379-01A	1305379-02A	1305379-03A
1305379-04A	1305379-05A	1305379-10A

Client: HRL Compliance Solutions
Work Order: 1305379
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **R120513** Instrument ID **GC10** Method: **SW8015**

MBLK		Sample ID: GBLK2-130509-R120513				Units: µg/L		Analysis Date: 5/10/2013 01:10 AM		
Client ID:		Run ID: GC10_130509B				SeqNo: 2313226		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	ND	200								
<i>Surr: Toluene-d8</i>	<i>114.8</i>	<i>0</i>	<i>100</i>	<i>0</i>	<i>115</i>	<i>70-130</i>	<i>0</i>			

LCS		Sample ID: GLCS2-130509-R120513				Units: µg/L		Analysis Date: 5/10/2013 12:45 PM		
Client ID:		Run ID: GC10_130509B				SeqNo: 2313260		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	9033	200	10000	0	90.3	70-130	0			
<i>Surr: Toluene-d8</i>	<i>103.8</i>	<i>0</i>	<i>100</i>	<i>0</i>	<i>104</i>	<i>70-130</i>	<i>0</i>			

MS		Sample ID: 1305181-11A MS				Units: µg/L		Analysis Date: 5/10/2013 10:14 AM		
Client ID:		Run ID: GC10_130509B				SeqNo: 2313258		Prep Date:		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	1350000	2,000	100000	214000	1140	70-130	0			S
<i>Surr: Toluene-d8</i>	<i>701.7</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>70.2</i>	<i>70-130</i>	<i>0</i>			

MSD		Sample ID: 1305181-11A MSD				Units: µg/L		Analysis Date: 5/10/2013 10:41 AM		
Client ID:		Run ID: GC10_130509B				SeqNo: 2313259		Prep Date:		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	262100	2,000	100000	214000	48.2	70-130	1350000	135	30	SR
<i>Surr: Toluene-d8</i>	<i>817</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>81.7</i>	<i>70-130</i>	<i>701.7</i>	<i>15.2</i>	<i>30</i>	

The following samples were analyzed in this batch:

1305379-01A	1305379-02A	1305379-03A
1305379-04A	1305379-05A	1305379-10A

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

Client: HRL Compliance Solutions
 Work Order: 1305379
 Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: 48315 Instrument ID HG1 Method: SW7471

MBLK	Sample ID: MBLK-48315-48315		Units: mg/Kg		Analysis Date: 5/10/2013 03:52 PM					
Client ID:	Run ID: HG1_130510A		SeqNo: 2314025		Prep Date: 5/10/2013 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-48315-48315		Units: mg/Kg		Analysis Date: 5/10/2013 03:54 PM					
Client ID:	Run ID: HG1_130510A		SeqNo: 2314026		Prep Date: 5/10/2013 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1702 0.020 0.1665 0 102 80-120 0

MS	Sample ID: 1305366-01BMS		Units: mg/Kg		Analysis Date: 5/10/2013 04:08 PM					
Client ID:	Run ID: HG1_130510A		SeqNo: 2314145		Prep Date: 5/10/2013 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.144 0.016 0.1292 0.01352 101 75-125 0

MSD	Sample ID: 1305366-01BMSD		Units: mg/Kg		Analysis Date: 5/10/2013 04:10 PM					
Client ID:	Run ID: HG1_130510A		SeqNo: 2314146		Prep Date: 5/10/2013 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1376 0.015 0.1218 0.01352 102 75-125 0.144 4.56 35

The following samples were analyzed in this batch:

1305379-01A	1305379-02A	1305379-03A
1305379-04A	1305379-05A	1305379-10A

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

Client: HRL Compliance Solutions
 Work Order: 1305379
 Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **48320** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK		Sample ID: MBLK-48320-48320				Units: mg/Kg		Analysis Date: 5/10/2013 05:46 PM		
Client ID:		Run ID: ICPMS1_130510A				SeqNo: 2315158		Prep Date: 5/10/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.25								
Barium	0.01992	0.25								J
Cadmium	ND	0.10								
Chromium	ND	0.25								
Copper	ND	0.25								
Lead	ND	0.25								
Nickel	ND	0.25								
Selenium	ND	0.25								
Silver	ND	0.25								
Zinc	ND	0.50								

LCS		Sample ID: LCS-48320-48320				Units: mg/Kg		Analysis Date: 5/10/2013 01:17 PM		
Client ID:		Run ID: ICPMS1_130510A				SeqNo: 2313919		Prep Date: 5/10/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.474	0.25	5	0	89.5	80-120	0			
Barium	4.648	0.25	5	0	93	80-120	0			
Cadmium	4.444	0.10	5	0	88.9	80-120	0			
Chromium	4.777	0.25	5	0	95.5	80-120	0			
Copper	4.667	0.25	5	0	93.3	80-120	0			
Lead	4.75	0.25	5	0	95	80-120	0			
Nickel	4.712	0.25	5	0	94.2	80-120	0			
Selenium	4.092	0.25	5	0	81.8	80-120	0			
Silver	4.625	0.25	5	0	92.5	80-120	0			
Zinc	4.43	0.50	5	0	88.6	80-120	0			

MS		Sample ID: 1305378-04BMS				Units: mg/Kg		Analysis Date: 5/10/2013 02:38 PM		
Client ID:		Run ID: ICPMS1_130510A				SeqNo: 2313933		Prep Date: 5/10/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	7.038	0.39	7.837	0.691	81	75-125	0			
Barium	11.33	0.39	7.837	3.748	96.8	75-125	0			
Cadmium	6.789	0.16	7.837	0.04443	86.1	75-125	0			
Chromium	9.828	0.39	7.837	2.772	90	75-125	0			
Copper	7.437	0.39	7.837	1.077	81.2	75-125	0			
Lead	10.24	0.39	7.837	2.402	100	75-125	0			
Nickel	9.224	0.39	7.837	2.778	82.2	75-125	0			
Silver	6.152	0.39	7.837	0.004072	78.4	75-125	0			
Zinc	24.22	0.78	7.837	17.15	90.2	75-125	0			

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

Client: HRL Compliance Solutions
 Work Order: 1305379
 Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: 48320 Instrument ID ICPMS1 Method: SW6020A

MS		Sample ID: 1305378-04BMS				Units: mg/Kg		Analysis Date: 5/13/2013 01:03 PM		
Client ID:		Run ID: ICPMS1_130513A				SeqNo: 2316080		Prep Date: 5/10/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Selenium	6.449	0.39	7.837	0.261	79	75-125		0		

MSD		Sample ID: 1305378-04BMSD				Units: mg/Kg		Analysis Date: 5/10/2013 02:44 PM		
Client ID:		Run ID: ICPMS1_130510A				SeqNo: 2313934		Prep Date: 5/10/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	7.222	0.39	7.764	0.691	84.1	75-125	7.038	2.58	25	
Barium	11.16	0.39	7.764	3.748	95.4	75-125	11.33	1.56	25	
Cadmium	6.772	0.16	7.764	0.04443	86.6	75-125	6.789	0.257	25	
Chromium	9.441	0.39	7.764	2.772	85.9	75-125	9.828	4.01	25	
Copper	7.407	0.39	7.764	1.077	81.5	75-125	7.437	0.411	25	
Lead	10.19	0.39	7.764	2.402	100	75-125	10.24	0.478	25	
Nickel	9.565	0.39	7.764	2.778	87.4	75-125	9.224	3.63	25	
Silver	6.053	0.39	7.764	0.004072	77.9	75-125	6.152	1.63	25	
Zinc	24.12	0.78	7.764	17.15	89.7	75-125	24.22	0.42	25	

MSD		Sample ID: 1305378-04BMSD				Units: mg/Kg		Analysis Date: 5/13/2013 01:14 PM		
Client ID:		Run ID: ICPMS1_130513A				SeqNo: 2316081		Prep Date: 5/10/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Selenium	6.494	0.39	7.764	0.261	80.3	75-125	6.449	0.691	25	

The following samples were analyzed in this batch:

1305379-01A	1305379-02A	1305379-03A
1305379-04A	1305379-05A	1305379-07A
1305379-08A	1305379-09A	1305379-10A

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

Client: HRL Compliance Solutions
Work Order: 1305379
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **48332** Instrument ID **ICPMS2** Method: **SW6020A** **(Dissolve)**

DUP	Sample ID: 1305446-01CDUP		Units: mg/L		Analysis Date: 5/14/2013 02:33 PM					
Client ID:	Run ID: ICPMS2_130514A		SeqNo: 2318054		Prep Date: 5/10/2013 DF: 20					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	105.8	10	0	0	0	0-0	107.8	1.84		
Magnesium	10.63	4.0	0	0	0	0-0	11.08	4.18		
Sodium	144.7	4.0	0	0	0	0-0	148.6	2.67		

The following samples were analyzed in this batch:

1305379-01B	1305379-02B	1305379-03B
1305379-04B	1305379-05B	1305379-07B
1305379-10B		

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

Client: HRL Compliance Solutions
 Work Order: 1305379
 Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **48272** Instrument ID **SVMS6** Method: **SW8270**

MBLK		Sample ID: SBLKS1-48272-48272				Units: µg/Kg		Analysis Date: 5/10/2013 08:27 AM		
Client ID:		Run ID: SVMS6_130510A		SeqNo: 2313697		Prep Date: 5/9/2013		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	ND	30								
Acenaphthylene	ND	30								
Anthracene	ND	30								
Benzo(a)anthracene	ND	30								
Benzo(a)pyrene	ND	30								
Benzo(b)fluoranthene	ND	30								
Benzo(g,h,i)perylene	ND	30								
Benzo(k)fluoranthene	ND	30								
Chrysene	ND	30								
Dibenzo(a,h)anthracene	ND	30								
Fluoranthene	ND	30								
Fluorene	ND	30								
Indeno(1,2,3-cd)pyrene	ND	30								
Naphthalene	ND	30								
Pyrene	ND	30								
<i>Surr: 2-Fluorobiphenyl</i>	1258	0	1667	0	75.5	12-100	0			
<i>Surr: 4-Terphenyl-d14</i>	1889	0	1667	0	113	25-137	0			
<i>Surr: Nitrobenzene-d5</i>	1237	0	1667	0	74.2	37-107	0			

LCS		Sample ID: SLCSS1-48272-48272				Units: µg/Kg		Analysis Date: 5/10/2013 08:47 AM		
Client ID:		Run ID: SVMS6_130510A		SeqNo: 2313698		Prep Date: 5/9/2013		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	533	30	666.7	0	79.9	45-110	0			
Acenaphthylene	555.3	30	666.7	0	83.3	45-105	0			
Anthracene	583.3	30	666.7	0	87.5	55-105	0			
Benzo(a)anthracene	593	30	666.7	0	88.9	50-110	0			
Benzo(a)pyrene	594.7	30	666.7	0	89.2	50-110	0			
Benzo(b)fluoranthene	606	30	666.7	0	90.9	45-115	0			
Benzo(g,h,i)perylene	510.3	30	666.7	0	76.5	40-125	0			
Benzo(k)fluoranthene	610.3	30	666.7	0	91.5	45-115	0			
Chrysene	619.3	30	666.7	0	92.9	55-110	0			
Dibenzo(a,h)anthracene	521	30	666.7	0	78.1	40-125	0			
Fluoranthene	576	30	666.7	0	86.4	55-115	0			
Fluorene	533	30	666.7	0	79.9	50-110	0			
Indeno(1,2,3-cd)pyrene	528.3	30	666.7	0	79.2	40-120	0			
Naphthalene	512.7	30	666.7	0	76.9	40-105	0			
Pyrene	678.3	30	666.7	0	102	45-125	0			
<i>Surr: 2-Fluorobiphenyl</i>	1301	0	1667	0	78	12-100	0			
<i>Surr: 4-Terphenyl-d14</i>	1902	0	1667	0	114	25-137	0			
<i>Surr: Nitrobenzene-d5</i>	1357	0	1667	0	81.4	37-107	0			

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

Client: HRL Compliance Solutions
 Work Order: 1305379
 Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **48272** Instrument ID **SVMS6** Method: **SW8270**

MS				Sample ID: 1305119-09A MS				Units: µg/Kg		Analysis Date: 5/10/2013 09:07 AM			
Client ID:				Run ID: SVMS6_130510A				SeqNo: 2313699		Prep Date: 5/9/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			
Acenaphthene	1524	89	1980	0	77	45-110	0						
Acenaphthylene	1563	89	1980	0	78.9	45-105	0						
Anthracene	1666	89	1980	0	84.1	55-105	0						
Benzo(a)anthracene	1741	89	1980	0	87.9	50-110	0						
Benzo(a)pyrene	1764	89	1980	0	89.1	50-110	0						
Benzo(b)fluoranthene	1792	89	1980	0	90.5	45-115	0						
Benzo(g,h,i)perylene	1579	89	1980	0	79.7	40-125	0						
Benzo(k)fluoranthene	1791	89	1980	0	90.4	45-115	0						
Chrysene	1831	89	1980	0	92.5	55-110	0						
Dibenzo(a,h)anthracene	1567	89	1980	0	79.1	40-125	0						
Fluoranthene	1617	89	1980	58.19	78.8	55-115	0						
Fluorene	1514	89	1980	0	76.5	50-110	0						
Indeno(1,2,3-cd)pyrene	1616	89	1980	0	81.6	40-120	0						
Naphthalene	1358	89	1980	0	68.6	40-105	0						
Pyrene	2138	89	1980	109.5	102	45-125	0						
Surr: 2-Fluorobiphenyl	3736	0	4949	0	75.5	12-100	0						
Surr: 4-Terphenyl-d14	5657	0	4949	0	114	25-137	0						
Surr: Nitrobenzene-d5	3700	0	4949	0	74.8	37-107	0						

MSD				Sample ID: 1305119-09A MSD				Units: µg/Kg		Analysis Date: 5/10/2013 09:26 AM			
Client ID:				Run ID: SVMS6_130510A				SeqNo: 2313700		Prep Date: 5/9/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			
Acenaphthene	1399	87	1934	0	72.3	45-110	1524	8.57	30				
Acenaphthylene	1431	87	1934	0	74	45-105	1563	8.82	30				
Anthracene	1612	87	1934	0	83.3	55-105	1666	3.3	30				
Benzo(a)anthracene	1713	87	1934	0	88.6	50-110	1741	1.61	30				
Benzo(a)pyrene	1715	87	1934	0	88.7	50-110	1764	2.8	30				
Benzo(b)fluoranthene	1771	87	1934	0	91.6	45-115	1792	1.14	30				
Benzo(g,h,i)perylene	1361	87	1934	0	70.4	40-125	1579	14.8	30				
Benzo(k)fluoranthene	1722	87	1934	0	89	45-115	1791	3.91	30				
Chrysene	1760	87	1934	0	91	55-110	1831	3.98	30				
Dibenzo(a,h)anthracene	1426	87	1934	0	73.7	40-125	1567	9.41	30				
Fluoranthene	1789	87	1934	58.19	89.5	55-115	1617	10.1	30				
Fluorene	1485	87	1934	0	76.8	50-110	1514	1.96	30				
Indeno(1,2,3-cd)pyrene	1462	87	1934	0	75.6	40-120	1616	10	30				
Naphthalene	1212	87	1934	0	62.7	40-105	1358	11.3	30				
Pyrene	1830	87	1934	109.5	89	45-125	2138	15.5	30				
Surr: 2-Fluorobiphenyl	3147	0	4834	0	65.1	12-100	3736	17.1	40				
Surr: 4-Terphenyl-d14	4925	0	4834	0	102	25-137	5657	13.8	40				
Surr: Nitrobenzene-d5	3203	0	4834	0	66.3	37-107	3700	14.4	40				

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

Client: HRL Compliance Solutions
Work Order: 1305379
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **48272** Instrument ID **SVMS6** Method: **SW8270**

The following samples were analyzed in this batch:

1305379-01A	1305379-02A	1305379-03A
1305379-04A	1305379-05A	1305379-10A

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

Client: HRL Compliance Solutions
 Work Order: 1305379
 Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **48296** Instrument ID **VMS6** Method: **SW8260**

MBLK		Sample ID: MBLK-48296-48296			Units: µg/Kg			Analysis Date: 5/9/2013 12:37 PM		
Client ID:		Run ID: VMS6_130509A			SeqNo: 2313021		Prep Date: 5/9/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	30								
Ethylbenzene	ND	30								
m,p-Xylene	ND	60								
o-Xylene	ND	30								
Toluene	ND	30								
Xylenes, Total	ND	90								
<i>Surr: 1,2-Dichloroethane-d4</i>	969.5	0	1000	0	97	70-130	0			
<i>Surr: 4-Bromofluorobenzene</i>	962	0	1000	0	96.2	70-130	0			
<i>Surr: Dibromofluoromethane</i>	959	0	1000	0	95.9	70-130	0			
<i>Surr: Toluene-d8</i>	993	0	1000	0	99.3	70-130	0			

MBLK		Sample ID: MBLK-48296-48296			Units: µg/Kg			Analysis Date: 5/9/2013 05:02 PM		
Client ID:		Run ID: VMS5_130509A			SeqNo: 2313090		Prep Date: 5/9/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	30								
Ethylbenzene	ND	30								
m,p-Xylene	ND	60								
o-Xylene	ND	30								
Toluene	ND	30								
Xylenes, Total	ND	90								
<i>Surr: 1,2-Dichloroethane-d4</i>	1002	0	1000	0	100	70-130	0			
<i>Surr: 4-Bromofluorobenzene</i>	1000	0	1000	0	100	70-130	0			
<i>Surr: Dibromofluoromethane</i>	976.5	0	1000	0	97.6	70-130	0			
<i>Surr: Toluene-d8</i>	1053	0	1000	0	105	70-130	0			

MBLK		Sample ID: MBLK-48296-48296			Units: µg/Kg			Analysis Date: 5/13/2013 02:37 AM		
Client ID:		Run ID: VMS5_130512B			SeqNo: 2315705		Prep Date: 5/9/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	30								
Ethylbenzene	ND	30								
m,p-Xylene	ND	60								
o-Xylene	ND	30								
Toluene	ND	30								
Xylenes, Total	ND	90								
<i>Surr: 1,2-Dichloroethane-d4</i>	972.5	0	1000	0	97.2	70-130	0			
<i>Surr: 4-Bromofluorobenzene</i>	961	0	1000	0	96.1	70-130	0			
<i>Surr: Dibromofluoromethane</i>	1012	0	1000	0	101	70-130	0			
<i>Surr: Toluene-d8</i>	1044	0	1000	0	104	70-130	0			

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

Client: HRL Compliance Solutions
 Work Order: 1305379
 Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **48296** Instrument ID **VMS6** Method: **SW8260**

LCS		Sample ID: LCS-48296-48296			Units: µg/Kg		Analysis Date: 5/9/2013 11:23 AM			
Client ID:		Run ID: VMS6_130509A			SeqNo: 2313020		Prep Date: 5/9/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1076	30	1000	0	108	75-125		0		
Ethylbenzene	1056	30	1000	0	106	75-125		0		
m,p-Xylene	2129	60	2000	0	106	80-125		0		
o-Xylene	1066	30	1000	0	107	75-125		0		
Toluene	1036	30	1000	0	104	70-125		0		
Xylenes, Total	3194	90	3000	0	106	75-125		0		
Surr: 1,2-Dichloroethane-d4	983.5	0	1000	0	98.4	70-130		0		
Surr: 4-Bromofluorobenzene	997.5	0	1000	0	99.8	70-130		0		
Surr: Dibromofluoromethane	1002	0	1000	0	100	70-130		0		
Surr: Toluene-d8	1008	0	1000	0	101	70-130		0		

LCS		Sample ID: LCS-48296-48296			Units: µg/Kg		Analysis Date: 5/9/2013 03:52 PM			
Client ID:		Run ID: VMS5_130509A			SeqNo: 2313089		Prep Date: 5/9/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	943.5	30	1000	0	94.4	75-125		0		
Ethylbenzene	995.5	30	1000	0	99.6	75-125		0		
m,p-Xylene	1977	60	2000	0	98.8	80-125		0		
o-Xylene	1008	30	1000	0	101	75-125		0		
Toluene	952	30	1000	0	95.2	70-125		0		
Xylenes, Total	2984	90	3000	0	99.5	75-125		0		
Surr: 1,2-Dichloroethane-d4	1006	0	1000	0	101	70-130		0		
Surr: 4-Bromofluorobenzene	1002	0	1000	0	100	70-130		0		
Surr: Dibromofluoromethane	1014	0	1000	0	101	70-130		0		
Surr: Toluene-d8	1035	0	1000	0	104	70-130		0		

LCS		Sample ID: LCS-48296-48296			Units: µg/Kg		Analysis Date: 5/13/2013 01:28 AM			
Client ID:		Run ID: VMS5_130512B			SeqNo: 2315704		Prep Date: 5/9/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	954	30	1000	0	95.4	75-125		0		
Ethylbenzene	998.5	30	1000	0	99.8	75-125		0		
m,p-Xylene	1955	60	2000	0	97.8	80-125		0		
o-Xylene	970.5	30	1000	0	97	75-125		0		
Toluene	974.5	30	1000	0	97.4	70-125		0		
Xylenes, Total	2926	90	3000	0	97.5	75-125		0		
Surr: 1,2-Dichloroethane-d4	971.5	0	1000	0	97.2	70-130		0		
Surr: 4-Bromofluorobenzene	967	0	1000	0	96.7	70-130		0		
Surr: Dibromofluoromethane	1005	0	1000	0	100	70-130		0		
Surr: Toluene-d8	1022	0	1000	0	102	70-130		0		

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

Client: HRL Compliance Solutions
 Work Order: 1305379
 Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **48296** Instrument ID **VMS6** Method: **SW8260**

MS				Sample ID: 1305379-05A MS			Units: µg/Kg		Analysis Date: 5/10/2013 01:16 AM		
Client ID: Downgradient 2				Run ID: VMS5_130509A			SeqNo: 2313091		Prep Date: 5/9/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	918.5	30	1000	0	91.8	75-125	0				
Ethylbenzene	976	30	1000	0	97.6	75-125	0				
m,p-Xylene	1930	60	2000	0	96.5	80-125	0				
o-Xylene	982	30	1000	0	98.2	75-125	0				
Toluene	941	30	1000	0	94.1	70-125	0				
Xylenes, Total	2912	90	3000	0	97	75-125	0				
Surr: 1,2-Dichloroethane-d4	1018	0	1000	0	102	70-130	0				
Surr: 4-Bromofluorobenzene	997	0	1000	0	99.7	70-130	0				
Surr: Dibromofluoromethane	993	0	1000	0	99.3	70-130	0				
Surr: Toluene-d8	1056	0	1000	0	106	70-130	0				

MSD				Sample ID: 1305379-05A MSD			Units: µg/Kg		Analysis Date: 5/10/2013 01:39 AM		
Client ID: Downgradient 2				Run ID: VMS5_130509A			SeqNo: 2313092		Prep Date: 5/9/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	892	30	1000	0	89.2	75-125	918.5	2.93	30		
Ethylbenzene	962.5	30	1000	0	96.2	75-125	976	1.39	30		
m,p-Xylene	1896	60	2000	0	94.8	80-125	1930	1.78	30		
o-Xylene	962	30	1000	0	96.2	75-125	982	2.06	30		
Toluene	920	30	1000	0	92	70-125	941	2.26	30		
Xylenes, Total	2858	90	3000	0	95.2	75-125	2912	1.87	30		
Surr: 1,2-Dichloroethane-d4	1038	0	1000	0	104	70-130	1018	1.9	30		
Surr: 4-Bromofluorobenzene	1027	0	1000	0	103	70-130	997	2.96	30		
Surr: Dibromofluoromethane	993	0	1000	0	99.3	70-130	993	0	30		
Surr: Toluene-d8	1061	0	1000	0	106	70-130	1056	0.472	30		

The following samples were analyzed in this batch:

1305379-01A	1305379-02A	1305379-03A
1305379-04A	1305379-05A	1305379-10A

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

Client: HRL Compliance Solutions
 Work Order: 1305379
 Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: R120425 Instrument ID VMS9 Method: SW8260

MBLK		Sample ID: VBLKW1-130509-R120425				Units: µg/L		Analysis Date: 5/9/2013 11:38 AM		
Client ID:		Run ID: VMS9_130509A				SeqNo: 2311656		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
o-Xylene	ND	1.0								
Toluene	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	20.2	0	20	0	101	70-120	0			
Surr: 4-Bromofluorobenzene	19.55	0	20	0	97.8	75-120	0			
Surr: Dibromofluoromethane	20.03	0	20	0	100	85-115	0			
Surr: Toluene-d8	19.91	0	20	0	99.6	85-120	0			

LCS		Sample ID: VLCSW1-130509-R120425				Units: µg/L		Analysis Date: 5/9/2013 10:54 AM		
Client ID:		Run ID: VMS9_130509A				SeqNo: 2311655		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.53	1.0	20	0	103	80-120	0			
Ethylbenzene	21.35	1.0	20	0	107	75-125	0			
m,p-Xylene	41.11	2.0	40	0	103	75-130	0			
o-Xylene	22.08	1.0	20	0	110	80-120	0			
Toluene	20.69	1.0	20	0	103	75-120	0			
Xylenes, Total	63.19	3.0	60	0	105	75-130	0			
Surr: 1,2-Dichloroethane-d4	19.06	0	20	0	95.3	70-120	0			
Surr: 4-Bromofluorobenzene	20.48	0	20	0	102	75-120	0			
Surr: Dibromofluoromethane	21.05	0	20	0	105	85-115	0			
Surr: Toluene-d8	20.06	0	20	0	100	85-120	0			

MS		Sample ID: 1305352-03A MS				Units: µg/L		Analysis Date: 5/9/2013 08:00 PM		
Client ID:		Run ID: VMS9_130509A				SeqNo: 2312632		Prep Date:		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	179.7	10	200	0	89.8	80-120	0			
Ethylbenzene	177.1	10	200	0	88.6	75-125	0			
m,p-Xylene	336.5	20	400	0	84.1	75-130	0			
o-Xylene	184.9	10	200	0	92.4	80-120	0			
Toluene	176.4	10	200	0	88.2	75-120	0			
Xylenes, Total	521.4	30	600	0	86.9	75-130	0			
Surr: 1,2-Dichloroethane-d4	200.5	0	200	0	100	70-120	0			
Surr: 4-Bromofluorobenzene	197.1	0	200	0	98.6	75-120	0			
Surr: Dibromofluoromethane	201.5	0	200	0	101	85-115	0			
Surr: Toluene-d8	196.2	0	200	0	98.1	85-120	0			

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

Client: HRL Compliance Solutions
Work Order: 1305379
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **R120425** Instrument ID **VMS9** Method: **SW8260**

MSD		Sample ID: 1305352-03A MSD				Units: µg/L		Analysis Date: 5/9/2013 08:22 PM		
Client ID:		Run ID: VMS9_130509A			SeqNo: 2312634		Prep Date:		DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	177.3	10	200	0	88.6	80-120	179.7	1.34	30	
Ethylbenzene	175.8	10	200	0	87.9	75-125	177.1	0.737	30	
m,p-Xylene	335.9	20	400	0	84	75-130	336.5	0.178	30	
o-Xylene	185	10	200	0	92.5	80-120	184.9	0.0541	30	
Toluene	177	10	200	0	88.5	75-120	176.4	0.34	30	
Xylenes, Total	520.9	30	600	0	86.8	75-130	521.4	0.0959	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	198.5	0	200	0	99.2	70-120	200.5	1	30	
<i>Surr: 4-Bromofluorobenzene</i>	203	0	200	0	102	75-120	197.1	2.95	30	
<i>Surr: Dibromofluoromethane</i>	202.5	0	200	0	101	85-115	201.5	0.495	30	
<i>Surr: Toluene-d8</i>	199	0	200	0	99.5	85-120	196.2	1.42	30	

The following samples were analyzed in this batch: | 1305379-06A |

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

Client: HRL Compliance Solutions
Work Order: 1305379
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **48332** Instrument ID **WETCHEM** Method: **USDA H60 Metho**

DUP	Sample ID: 1305446-01C DUP		Units: mmhos/cm @25°F		Analysis Date: 5/14/2013 12:00 PM					
Client ID:	Run ID: WETCHEM_130514E		SeqNo: 2317193		Prep Date: 5/10/2013 DF: 10					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturatio	1.362	0.050	0	0	0		1.349	0.959	50	

The following samples were analyzed in this batch:

1305379-01B	1305379-02B	1305379-03B
1305379-04B	1305379-05B	1305379-07B
1305379-10B		

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

Client: HRL Compliance Solutions
 Work Order: 1305379
 Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: 48334 Instrument ID WETCHEM Method: SW7196A

MBLK	Sample ID: MBLK-48334-48334		Units: mg/Kg				Analysis Date: 5/10/2013 03:30 PM			
Client ID:	Run ID: WETCHEM_130510L		SeqNo: 2314007		Prep Date: 5/9/2013		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent ND 0.50

LCS	Sample ID: LCS-48334-48334		Units: mg/Kg				Analysis Date: 5/10/2013 03:30 PM			
Client ID:	Run ID: WETCHEM_130510L		SeqNo: 2314008		Prep Date: 5/9/2013		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.766 0.50 1.984 0 89 75-110 0

MS	Sample ID: 1305379-01A MS		Units: mg/Kg				Analysis Date: 5/10/2013 03:30 PM			
Client ID: Point of Origin	Run ID: WETCHEM_130510L		SeqNo: 2314010		Prep Date: 5/9/2013		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 0.3968 0.50 1.984 0 20 60-130 0 JS

MSD	Sample ID: 1305379-01A MSD		Units: mg/Kg				Analysis Date: 5/10/2013 03:30 PM			
Client ID: Point of Origin	Run ID: WETCHEM_130510L		SeqNo: 2314011		Prep Date: 5/9/2013		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 8.016 5.0 19.84 0 40.4 60-130 0.3968 181 30 SR

The following samples were analyzed in this batch:

1305379-01A	1305379-02A	1305379-03A
1305379-04A	1305379-05A	1305379-10A

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

Client: HRL Compliance Solutions
Work Order: 1305379
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **R120497** Instrument ID **TDS** Method: **A2540 C**

MBLK	Sample ID: MBLK-R120497		Units: mg/L				Analysis Date: 5/9/2013 03:48 PM			
Client ID:	Run ID: TDS_130509A		SeqNo: 2312894		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Total Dissolved Solids ND 10

LCS	Sample ID: LCS-R120497		Units: mg/L				Analysis Date: 5/9/2013 03:48 PM			
Client ID:	Run ID: TDS_130509A		SeqNo: 2312892		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Total Dissolved Solids 485 10 495 0 98 80-120 0

DUP	Sample ID: 1305376-01C DUP		Units: mg/L				Analysis Date: 5/9/2013 03:48 PM			
Client ID:	Run ID: TDS_130509A		SeqNo: 2312873		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Total Dissolved Solids 680 10 0 0 0 0-0 690 1.46 20

DUP	Sample ID: 1305376-11C DUP		Units: mg/L				Analysis Date: 5/9/2013 03:48 PM			
Client ID:	Run ID: TDS_130509A		SeqNo: 2312884		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Total Dissolved Solids 660 10 0 0 0 0-0 660 0 20

The following samples were analyzed in this batch: 1305379-06B

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

Client: HRL Compliance Solutions
Work Order: 1305379
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **R120518** Instrument ID **MOIST** Method: **A2540 G**

MBLK	Sample ID: WBLKS-R120518		Units: % of sample				Analysis Date: 5/9/2013 03:00 PM			
Client ID:	Run ID: MOIST_130509C		SeqNo: 2313410		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-R120518		Units: % of sample				Analysis Date: 5/9/2013 03:00 PM			
Client ID:	Run ID: MOIST_130509C		SeqNo: 2313409		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: 1305365-01BDUP		Units: % of sample				Analysis Date: 5/9/2013 03:00 PM			
Client ID:	Run ID: MOIST_130509C		SeqNo: 2313389		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 12.51 0.050 0 0 0 0-0 13.28 5.97 20

DUP	Sample ID: 1305379-10ADUP		Units: % of sample				Analysis Date: 5/9/2013 03:00 PM			
Client ID: Stockpile	Run ID: MOIST_130509C		SeqNo: 2313399		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 25.15 0.050 0 0 0 0-0 25 0.598 20

The following samples were analyzed in this batch:

1305379-01A	1305379-02A	1305379-03A
1305379-04A	1305379-05A	1305379-07A
1305379-08A	1305379-09A	1305379-10A

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

Client: HRL Compliance Solutions
Work Order: 1305379
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **R120519** Instrument ID **WETCHEM** Method: **SW9045D**

LCS		Sample ID: LCS-R120519-R120519				Units: s.u.		Analysis Date: 5/10/2013 09:30 AM		
Client ID:		Run ID: WETCHEM_130510G				SeqNo: 2313413		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	4.39	0	4.4	0	99.8	90-110	0			

DUP		Sample ID: 1305341-01A DUP				Units: s.u.		Analysis Date: 5/10/2013 09:30 AM		
Client ID:		Run ID: WETCHEM_130510G				SeqNo: 2313415		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.71	0	0	0	0	0-0	7.71	0	20	

DUP		Sample ID: 1305382-03B DUP				Units: s.u.		Analysis Date: 5/10/2013 09:30 AM		
Client ID:		Run ID: WETCHEM_130510G				SeqNo: 2313428		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	8.23	0	0	0	0	0-0	8.23	0	20	

The following samples were analyzed in this batch:

1305379-01A	1305379-02A	1305379-03A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
Work Order: 1305379
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **R120520** Instrument ID **WETCHEM** Method: **SW9045D**

LCS	Sample ID: LCS-R120520-R120520				Units: s.u.		Analysis Date: 5/10/2013 09:30 AM			
Client ID:	Run ID: WETCHEM_130510H			SeqNo: 2313432		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	4.39	0	4.4	0	99.8	90-110	0			

DUP	Sample ID: 1305341-08A DUP				Units: s.u.		Analysis Date: 5/10/2013 09:30 AM			
Client ID:	Run ID: WETCHEM_130510H			SeqNo: 2313434		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	9.01	0	0	0	0	0-0	9.01	0	20	

The following samples were analyzed in this batch:

1305379-04A	1305379-05A	1305379-07A
1305379-10A		

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

Client: HRL Compliance Solutions
Work Order: 1305379
Project: Gunnison Energy Hotchkiss Fed 18-31 Spill

QC BATCH REPORT

Batch ID: **R120569** Instrument ID **IC3** Method: **SW9056**

MBLK		Sample ID: MBLK-R120569				Units: mg/L		Analysis Date: 5/10/2013 09:21 AM		
Client ID:		Run ID: IC3_130510A				SeqNo: 2314227		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	0.34	1.0								J
Sulfate	0.1366	1.0								J

LCS		Sample ID: LCS-R120569				Units: mg/L		Analysis Date: 5/10/2013 09:01 AM		
Client ID:		Run ID: IC3_130510A				SeqNo: 2314226		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	9.803	1.0	10	0	98	88-107	0			
Sulfate	10.12	1.0	10	0	101	85-110	0			

MS		Sample ID: 1305379-06B MS				Units: mg/L		Analysis Date: 5/10/2013 02:08 PM		
Client ID: Catchment Basin (water)		Run ID: IC3_130510A				SeqNo: 2314238		Prep Date:		DF: 20
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	342.4	20	100	237.5	105	75-125	0			
Sulfate	117.5	20	100	17.49	100	75-125	0			

MSD		Sample ID: 1305379-06B MSD				Units: mg/L		Analysis Date: 5/10/2013 02:28 PM		
Client ID: Catchment Basin (water)		Run ID: IC3_130510A				SeqNo: 2314239		Prep Date:		DF: 20
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	341	20	100	237.5	104	75-125	342.4	0.396	20	
Sulfate	116.5	20	100	17.49	99	75-125	117.5	0.908	20	

The following samples were analyzed in this batch: 1305379-06B

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 #	1305379
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PROJECT NAME	Gunnison Energy - Hotchkiss Fed 18-31 Spill	SAMPLER	KRIS ROWE					DATE	5/8/2013					PAGE	1 of 1								
PROJECT No.		SITE ID	Hotchkiss Federal 18-31 Well Pad					TURNAROUND	See Comments					DISPOSAL	By Lab or Return to Client								
COMPANY NAME	HRL COMPLIANCE SOLUTIONS Inc.	EDD FORMAT						DRO	GRO	BTEX	SEMI VOLS - PAH	910-1 Metals	SAR / EC / pH	TDS	Chloride	Sulfates	Arsenic						
SEND REPORT TO	KRIS ROWE	PURCHASE ORDER																					
ADDRESS	2385 F 1/2 RD	BILL TO COMPANY	HRL																				
CITY / STATE / ZIP	GRAND JUNCTION CO 81505	INVOICE ATTN TO																					
PHONE	970-243-3271	ADDRESS																					
FAX	970-243-3280	CITY / STATE / ZIP																					
E-MAIL	KROWE@HRLCOMP.COM	PHONE																					
		FAX																					
		E-MAIL																					

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	DRO	GRO	BTEX	SEMI VOLS - PAH	910-1 Metals	SAR / EC / pH	TDS	Chloride	Sulfates	Arsenic						
1	Point of Origin	S	5/7/2013	10:30	2			X	X	X	X	X	X										
2	Fence Line	S	5/7/2013	10:45	2			X	X	X	X	X	X										
3	Catchment Basin (soil)	S	5/7/2013	11:00	2			X	X	X	X	X	X										
4	Downgradient 1	S	5/7/2013	11:20	2			X	X	X	X	X	X										
5	Downgradient 2	S	5/7/2013	11:30	2			X	X	X	X	X	X										
6	Catchment Basin (water)	W	5/7/2013	11:10	8					X				X	X	X							
7	BKGD 1	S	5/7/2013	12:00	2								X					X					
8	BKGD 2	S	5/7/2013	12:15	1													X					
9	BKGD 3	S	5/7/2013	12:20	1													X					
10	Stockpile	S	5/7/2013	12:30				X	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:	
Soil - Rush DRO/GRO/BTEX (24 hr)	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)
Water - Rush all analysis (24 hr)	
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	<i>[Signature]</i>	Kris Rowe	4/8/2013	17:00
RECEIVED BY	<i>[Signature]</i>	Diane F Shaw	5/9/13	0930
RELINQUISHED BY				
RECEIVED BY				
RELINQUISHED BY				
RECEIVED BY				

Sample Receipt Checklist

Client Name: **HRL**

Date/Time Received: **09-May-13 09:30**

Work Order: **1305379**

Received by: **DS**

Checklist completed by Diane Shaw 09-May-13
eSignature Date

Reviewed by: Ann Preston 10-May-13
eSignature Date

Matrices: Soil, Water

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

Temperature(s)/Thermometer(s):

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage:

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:

FedEx Express **US Airbill**

8681 5794 6371

0200

Form ID No.

FedEx Retrieval Copy

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From
 Date 5-8-13 Sender's FedEx Account Number
 Sender's Name DAN PINESAR Phone 970 243 3271
 Company MCSI
 Address 2385 F 1/2 RD Dept./Floor/Suite/Room
 City GRAND JUNCTION CO State CO ZIP 81505

2 Your Internal Billing Reference

3 To
 Recipient's Name RECEIVING Phone 616 399-6070
 Company ALSO GROUP

Recipient's Address
 We cannot deliver to P.O. boxes or P.O. ZIP codes.
 Address 3352 128th
 To request a package be held at a specific FedEx location, print FedEx address here.
 City HOLLAND

CUSTODY SE
 ENVIRONMENTAL SAMPLING SUPPLY
 9601 San Leandro St. Oakland, CA 94618



8681 5794 6371

4a Express Package Service Packages up to 150 lbs.
 1 FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
 5 FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.
 6 FedEx First Overnight Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
 3 FedEx 2Day Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
 20 FedEx Express Saver Third business day.* Saturday Delivery NOT available.
 FedEx Envelope rate not available. Minimum charge: One-pound rate. *To most locations.

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

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

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

Does this shipment contain dangerous goods? One box must be checked.
 No **4 Yes** As per attached Shipper's Declaration **Yes** Shipper's Declaration **6 Dry Ice** Dry Ice, S, UN 1845 kg
 Date: 5-8-13
 Signature: [Handwritten Signature]
 Only Cash/Check

*Our liability is limited to \$100 unless you declare a higher value. See the current FedEx Service Guide for details. Credit Card Auth.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.
 No Signature Required Package may be left without obtaining a signature for delivery. **10 Direct Signature** Someone at recipient's address may sign for delivery. Fee applies. **34 Indirect Signature** If no one is available at recipient's address, someone from a neighboring address may sign for delivery. Fee applies. 2520

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