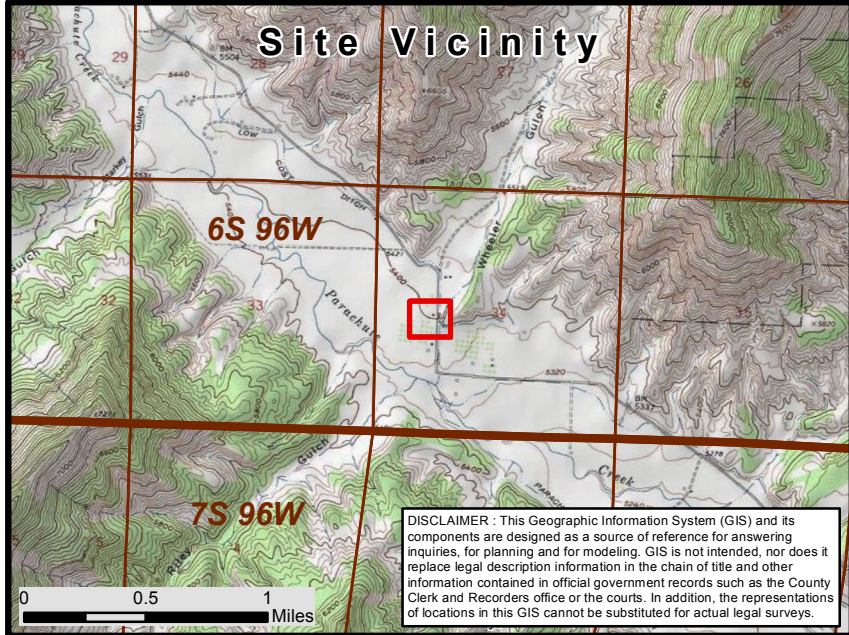


Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



DISCLAIMER: This Geographic Information System (GIS) and its components are designed as a source of reference for answering inquiries, for planning and for modeling. GIS is not intended, nor does it replace legal description information in the chain of title and other information contained in official government records such as the County Clerk and Recorders office or the courts. In addition, the representations of locations in this GIS cannot be substituted for actual legal surveys.

Sample Location Map
Location: Reda Tank Farm
 39.479882 -108.099755
 WPX Energy Rocky Mountain, LLC

Produced Water Spill 10-18-2013

- | | | | |
|-------------|-----------------|--|--------------------------------|
| | Sample Location | | Transportation Features |
| | Impacted Area | | Public Roads |
| PLSS | | | WPX Access Roads |
| | Township | | Hydrographic Features |
| | Section | | Perennial Stream |
| | | | Intermittent Stream |





28-Oct-2013

Mark Mumby
HRL Compliance Solutions
2385 F 1/2 Road
Grand Junction, CO 81505

Re: **Rita Tank Farm Prod. Water Spill 10.18.13**

Work Order: **13101068**

Dear Mark,

ALS Environmental received 4 samples on 19-Oct-2013 09:45 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 29.

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 Laboratory Group A Campbell Brothers Limited Company

Environmental ALS

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: HRL Compliance Solutions
Project: Rita Tank Farm Prod. Water Spill 10.18.13
Work Order: 13101068

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>
13101068-01	Impacted Area	Soil		10/18/2013 10:00	10/19/2013 09:45	<input type="checkbox"/>
13101068-02	Rita Tank Farm B-1	Soil		10/18/2013 10:10	10/19/2013 09:45	<input type="checkbox"/>
13101068-03	Rita Tank Farm B-2	Soil		10/18/2013 10:15	10/19/2013 09:45	<input type="checkbox"/>
13101068-04	Rita Tank Farm B-3	Soil		10/18/2013 10:20	10/19/2013 09:45	<input type="checkbox"/>

Client: HRL Compliance Solutions
Project: Rita Tank Farm Prod. Water Spill 10.18.13
Work Order: 13101068

Case Narrative

Batch 52580 MS/MSD data for Hexavalent Chromium is not related to this project's samples. No data requires qualification.

Batch 52631 MS/MSD data for Metals is not related to this project's samples. No data requires qualification.

Client: HRL Compliance Solutions
Project: Rita Tank Farm Prod. Water Spill 10.18.13
WorkOrder: 13101068

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

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

<u>Units Reported</u>	<u>Description</u>
% of sample	Percent of Sample
µg/Kg-dry	Micrograms per Kilogram Dry Weight
mg/Kg-dry	Milligrams per Kilogram Dry Weight
mg/L	Milligrams per Liter
mmhos/cm @25°C	Millimhos-Centimeter at 25 Degrees Celcius
none	
s.u.	Standard Units

ALS Group USA, Corp

Date: 28-Oct-13

Client: HRL Compliance Solutions
Project: Rita Tank Farm Prod. Water Spill 10.18.13
Sample ID: Impacted Area
Collection Date: 10/18/2013 10:00 AM

Work Order: 13101068
Lab ID: 13101068-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID			SW8015M		Prep Date: 10/22/2013	Analyst: CW
DRO (C10-C28)	62		4.7	mg/Kg-dry	1	10/23/2013 08:40 PM
<i>Surr: 4-Terphenyl-d14</i>	<i>42.6</i>		<i>39-115</i>	<i>%REC</i>	1	10/23/2013 08:40 PM
GASOLINE RANGE ORGANICS BY GC-FID			SW8015		Prep Date: 10/22/2013	Analyst: CW
GRO (C6-C10)	7.1		2.9	mg/Kg-dry	1	10/22/2013 06:51 PM
<i>Surr: Toluene-d8</i>	<i>104</i>		<i>50-150</i>	<i>%REC</i>	1	10/22/2013 06:51 PM
MERCURY BY CVAA			SW7471		Prep Date: 10/22/2013	Analyst: LR
Mercury	0.027		0.015	mg/Kg-dry	1	10/22/2013 05:05 PM
METALS BY ICP-MS			SW6020A		Prep Date: 10/24/2013	Analyst: ML
Arsenic	8.4		2.1	mg/Kg-dry	5	10/25/2013 12:23 AM
Barium	590		2.1	mg/Kg-dry	5	10/25/2013 12:23 AM
Cadmium	ND		0.84	mg/Kg-dry	5	10/25/2013 12:23 AM
Chromium	12		2.1	mg/Kg-dry	5	10/25/2013 12:23 AM
Copper	16		2.1	mg/Kg-dry	5	10/25/2013 12:23 AM
Lead	12		2.1	mg/Kg-dry	5	10/25/2013 03:04 PM
Nickel	13		2.1	mg/Kg-dry	5	10/25/2013 12:23 AM
Selenium	ND		2.1	mg/Kg-dry	5	10/25/2013 12:23 AM
Silver	ND		2.1	mg/Kg-dry	5	10/25/2013 12:23 AM
Zinc	54		4.2	mg/Kg-dry	5	10/25/2013 12:23 AM
SOLUBLE CATIONS FOR SAR			SW6020A		Prep Date: 10/24/2013	Analyst: ML
Calcium	930		10	mg/L	20	10/24/2013 10:05 PM
Magnesium	200		4.0	mg/L	20	10/24/2013 10:05 PM
Sodium	2,400		4.0	mg/L	20	10/24/2013 10:05 PM
SODIUM ADSORPTION RATIO			USDA H60 METHO		Prep Date: 10/24/2013	Analyst: ML
Sodium Adsorption Ratio	19		0.010	none	1	10/24/2013
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 10/22/2013	Analyst: CW
Acenaphthene	ND		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM
Acenaphthylene	ND		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM
Anthracene	34		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM
Benzo(a)anthracene	66		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM
Benzo(a)pyrene	93		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM
Benzo(b)fluoranthene	68		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM
Benzo(g,h,i)perylene	64		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM
Benzo(k)fluoranthene	59		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM
Chrysene	40		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM
Dibenzo(a,h)anthracene	49		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM
Fluoranthene	85		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM

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

ALS Group USA, Corp

Date: 28-Oct-13

Client: HRL Compliance Solutions
Project: Rita Tank Farm Prod. Water Spill 10.18.13
Sample ID: Impacted Area
Collection Date: 10/18/2013 10:00 AM

Work Order: 13101068
Lab ID: 13101068-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM
Indeno(1,2,3-cd)pyrene	110		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM
Naphthalene	ND		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM
Pyrene	92		7.5	µg/Kg-dry	1	10/23/2013 09:34 PM
Surr: 2-Fluorobiphenyl	59.8		12-100	%REC	1	10/23/2013 09:34 PM
Surr: 4-Terphenyl-d14	90.2		25-137	%REC	1	10/23/2013 09:34 PM
Surr: Nitrobenzene-d5	60.7		37-107	%REC	1	10/23/2013 09:34 PM
VOLATILE ORGANIC COMPOUNDS			SW8260B	Prep Date: 10/22/2013 Analyst: BG		
Benzene	140		34	µg/Kg-dry	1	10/25/2013 06:45 AM
Ethylbenzene	38		34	µg/Kg-dry	1	10/25/2013 06:45 AM
m,p-Xylene	560		69	µg/Kg-dry	1	10/25/2013 06:45 AM
o-Xylene	110		34	µg/Kg-dry	1	10/25/2013 06:45 AM
Toluene	490		34	µg/Kg-dry	1	10/25/2013 06:45 AM
Xylenes, Total	670		100	µg/Kg-dry	1	10/25/2013 06:45 AM
Surr: 1,2-Dichloroethane-d4	100		70-130	%REC	1	10/25/2013 06:45 AM
Surr: 4-Bromofluorobenzene	96.8		70-130	%REC	1	10/25/2013 06:45 AM
Surr: Dibromofluoromethane	95.4		70-130	%REC	1	10/25/2013 06:45 AM
Surr: Toluene-d8	100		70-130	%REC	1	10/25/2013 06:45 AM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO	Prep Date: 10/24/2013 Analyst: JB		
Electrical Conductivity @ Saturation	19		0.025	mmhos/cm @25	5	10/24/2013 05:30 PM
CHROMIUM, TRIVALENT			CALCULATION	Analyst: MB		
Chromium, Trivalent	12			mg/Kg-dry	1	10/25/2013 04:45 PM
CHROMIUM, HEXAVALENT			SW7196A	Prep Date: 10/23/2013 Analyst: MB		
Chromium, Hexavalent	ND		0.57	mg/Kg-dry	1	10/23/2013 04:00 PM
MOISTURE			A2540 G	Analyst: MEB		
Moisture	13		0.050	% of sample	1	10/23/2013 06:20 PM
PH			SW9045D	Prep Date: 10/22/2013 Analyst: DC		
pH	7.8			s.u.	1	10/22/2013 03:00 PM

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

ALS Group USA, Corp

Date: 28-Oct-13

Client: HRL Compliance Solutions
Project: Rita Tank Farm Prod. Water Spill 10.18.13
Sample ID: Rita Tank Farm B-1
Collection Date: 10/18/2013 10:10 AM

Work Order: 13101068
Lab ID: 13101068-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			SW6020A		Prep Date: 10/24/2013	Analyst: ML
Arsenic	12		2.0	mg/Kg-dry	5	10/25/2013 12:29 AM
MOISTURE			A2540 G			Analyst: MEB
Moisture	14		0.050	% of sample	1	10/23/2013 06:20 PM

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

ALS Group USA, Corp

Date: 28-Oct-13

Client: HRL Compliance Solutions
Project: Rita Tank Farm Prod. Water Spill 10.18.13
Sample ID: Rita Tank Farm B-2
Collection Date: 10/18/2013 10:15 AM

Work Order: 13101068
Lab ID: 13101068-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			SW6020A		Prep Date: 10/24/2013	Analyst: ML
Arsenic	10		1.9	mg/Kg-dry	5	10/25/2013 10:13 PM
MOISTURE			A2540 G			Analyst: MEB
Moisture	15		0.050	% of sample	1	10/23/2013 06:20 PM

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

ALS Group USA, Corp

Date: 28-Oct-13

Client: HRL Compliance Solutions
Project: Rita Tank Farm Prod. Water Spill 10.18.13
Sample ID: Rita Tank Farm B-3
Collection Date: 10/18/2013 10:20 AM

Work Order: 13101068
Lab ID: 13101068-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS						
Arsenic	6.1		SW6020A 2.0	mg/Kg-dry	Prep Date: 10/24/2013 5	Analyst: ML 10/25/2013 10:19 PM
SOLUBLE CATIONS FOR SAR						
Calcium	140		SW6020A 10	mg/L	Prep Date: 10/24/2013 20	Analyst: ML 10/24/2013 10:11 PM
Magnesium	27		4.0	mg/L	20	10/24/2013 10:11 PM
Sodium	25		4.0	mg/L	20	10/24/2013 10:11 PM
SODIUM ADSORPTION RATIO						
Sodium Adsorption Ratio	0.52		USDA H60 METHO 0.010	none	Prep Date: 10/24/2013 1	Analyst: ML 10/24/2013
ELECTRICAL CONDUCTIVITY (SAR)						
Electrical Conductivity @ Saturation	1.2		USDA H60 METHO 0.025	mmhos/cm	Prep Date: 10/24/2013 @25 5	Analyst: JB 10/24/2013 05:30 PM
MOISTURE						
Moisture	11		A2540 G 0.050	% of sample	1	Analyst: MEB 10/23/2013 06:20 PM
PH						
pH	8.2		SW9045D	s.u.	Prep Date: 10/24/2013 1	Analyst: JB 10/24/2013 10:00 AM

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

Client: HRL Compliance Solutions

QC BATCH REPORT

Work Order: 13101068

Project: Rita Tank Farm Prod. Water Spill 10.18.13

Batch ID: 52497

Instrument ID GC8

Method: SW8015M

MBLK		Sample ID: DBLKS1-52497-52497				Units: mg/Kg		Analysis Date: 10/22/2013 03:38 PM			
Client ID:		Run ID: GC8_131022A				SeqNo: 2502970		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
DRO (C10-C28)	ND	4.2									
<i>Surr: 4-Terphenyl-d14</i>	0.945	0	1.667	0	56.7	39-115	0				

LCS		Sample ID: DLCSS1-52497-52497				Units: mg/Kg		Analysis Date: 10/22/2013 04:08 PM			
Client ID:		Run ID: GC8_131022A				SeqNo: 2502972		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
DRO (C10-C28)	130	4.2	166.7	0	78	49-124	0				
<i>Surr: 4-Terphenyl-d14</i>	0.7907	0	1.667	0	47.4	39-115	0				

MS		Sample ID: 13101085-06A MS				Units: mg/Kg		Analysis Date: 10/22/2013 04:38 PM			
Client ID:		Run ID: GC8_131022A				SeqNo: 2502974		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
DRO (C10-C28)	370.9	12	471.5	63.63	65.2	49-130	0				
<i>Surr: 4-Terphenyl-d14</i>	2.563	0	4.715	0	54.4	39-115	0				

MSD		Sample ID: 13101085-06A MSD				Units: mg/Kg		Analysis Date: 10/22/2013 05:08 PM			
Client ID:		Run ID: GC8_131022A				SeqNo: 2502975		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
DRO (C10-C28)	364.9	12	492.7	63.63	61.1	49-130	370.9	1.63	30		
<i>Surr: 4-Terphenyl-d14</i>	2.478	0	4.927	0	50.3	39-115	2.563	3.36	30		

The following samples were analyzed in this batch:

13101068-01B

Client: HRL Compliance Solutions
 Work Order: 13101068
 Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: 52521 Instrument ID GC10 Method: SW8015

MBLK		Sample ID: MBLK-52521-52521				Units: µg/Kg		Analysis Date: 10/22/2013 05:40 PM		
Client ID:		Run ID: GC10_131022A		SeqNo: 2501410		Prep Date: 10/22/2013		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	5000	0	5000	0	100	50-150	0			

LCS		Sample ID: LCS-52521-52521				Units: µg/Kg		Analysis Date: 10/22/2013 05:17 PM		
Client ID:		Run ID: GC10_131022A		SeqNo: 2501409		Prep Date: 10/22/2013		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	459600	2,500	500000	0	91.9	70-130	0			
Surr: Toluene-d8	5743	0	5000	0	115	50-150	0			

MS		Sample ID: 13101068-01A MS				Units: µg/Kg		Analysis Date: 10/22/2013 11:12 PM		
Client ID: Impacted Area		Run ID: GC10_131022A		SeqNo: 2501414		Prep Date: 10/22/2013		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	476100	2,500	500000	6162	94	70-130	0			
Surr: Toluene-d8	5535	0	5000	0	111	50-150	0			

MSD		Sample ID: 13101068-01A MSD				Units: µg/Kg		Analysis Date: 10/22/2013 11:35 PM		
Client ID: Impacted Area		Run ID: GC10_131022A		SeqNo: 2501415		Prep Date: 10/22/2013		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	464800	2,500	500000	6162	91.7	70-130	476100	2.4	30	
Surr: Toluene-d8	5522	0	5000	0	110	50-150	5535	0.235	30	

The following samples were analyzed in this batch: 13101068-01A

Client: HRL Compliance Solutions
 Work Order: 13101068
 Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: **52505** Instrument ID **HG1** Method: **SW7471**

MBLK		Sample ID: MBLK-52505-52505				Units: mg/Kg		Analysis Date: 10/22/2013 04:33 PM			
Client ID:		Run ID: HG1_131022A				SeqNo: 2501027		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury	0.001	0.020								J	

LCS		Sample ID: LCS-52505-52505				Units: mg/Kg		Analysis Date: 10/22/2013 04:35 PM			
Client ID:		Run ID: HG1_131022A				SeqNo: 2501028		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury	0.1617	0.020	0.1665	0	97.1	80-120	0				

MS		Sample ID: 1310994-01BMS				Units: mg/Kg		Analysis Date: 10/22/2013 05:30 PM			
Client ID:		Run ID: HG1_131022A				SeqNo: 2501054		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury	0.1304	0.012	0.1038	0.03095	95.7	75-125	0				

MSD		Sample ID: 1310994-01BMSD				Units: mg/Kg		Analysis Date: 10/22/2013 05:32 PM			
Client ID:		Run ID: HG1_131022A				SeqNo: 2501055		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Mercury	0.1318	0.013	0.1067	0.03095	94.5	75-125	0.1304	1.09	35		

The following samples were analyzed in this batch:

13101068-01B

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

Client: HRL Compliance Solutions
Work Order: 13101068
Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: **52489** Instrument ID **ICPMS1** Method: **SW6020A** (**Dissolve**)

DUP		Sample ID: 13101068-04BDUP				Units: mg/L		Analysis Date: 10/24/2013 10:18 PM		
Client ID: Rita Tank Farm B-3		Run ID: ICPMS1_131024A				SeqNo: 2505602		Prep Date: 10/24/2013		DF: 20
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	166.8	10	0	0	0	0-0	136.8	19.7		
Magnesium	32.04	4.0	0	0	0	0-0	26.66	18.3		
Sodium	20.3	4.0	0	0	0	0-0	25.26	21.8		

DUP		Sample ID: 13101068-04BDUP				Units: none		Analysis Date: 10/24/2013		
Client ID: Rita Tank Farm B-3		Run ID: SAR_131024A				SeqNo: 2506203		Prep Date: 10/24/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium Adsorption Ratio	0.3772	0.010	0	0	0		0.5173	31.3	50	

The following samples were analyzed in this batch:

13101068-01C	13101068-04B
--------------	--------------

Client: HRL Compliance Solutions
Work Order: 13101068
Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: **52631** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK		Sample ID: MBLK-52631-52631				Units: mg/Kg		Analysis Date: 10/24/2013 11:27 PM		
Client ID:		Run ID: ICPMS1_131024A			SeqNo: 2505619		Prep Date: 10/24/2013		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	ND	0.25								
Cadmium	ND	0.10								
Chromium	ND	0.25								
Copper	ND	0.25								
Lead	ND	0.25								
Nickel	ND	0.25								
Selenium	ND	0.25								
Silver	ND	0.25								
Zinc	0.0589	0.50								J

LCS		Sample ID: LCS-52631-52631				Units: mg/Kg		Analysis Date: 10/24/2013 11:33 PM		
Client ID:		Run ID: ICPMS1_131024A			SeqNo: 2505620		Prep Date: 10/24/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.626	0.25	5	0	92.5	80-120	0			
Barium	4.847	0.25	5	0	96.9	80-120	0			
Cadmium	4.75	0.10	5	0	95	80-120	0			
Chromium	4.937	0.25	5	0	98.7	80-120	0			
Copper	4.974	0.25	5	0	99.5	80-120	0			
Lead	5.03	0.25	5	0	101	80-120	0			
Nickel	4.958	0.25	5	0	99.2	80-120	0			
Selenium	4.224	0.25	5	0	84.5	80-120	0			
Silver	5.03	0.25	5	0	101	80-120	0			
Zinc	4.578	0.50	5	0	91.6	80-120	0			

MS		Sample ID: 13101249-01AMS				Units: mg/Kg		Analysis Date: 10/25/2013 12:41 AM		
Client ID:		Run ID: ICPMS1_131024A			SeqNo: 2505629		Prep Date: 10/24/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	7.052	0.34	6.887	0.7592	91.4	75-125	0			
Barium	15.41	0.34	6.887	6.48	130	75-125	0			S
Cadmium	6.441	0.14	6.887	0.05572	92.7	75-125	0			
Chromium	8.629	0.34	6.887	1.885	97.9	75-125	0			
Copper	8.085	0.34	6.887	1.56	94.7	75-125	0			
Nickel	7.968	0.34	6.887	1.266	97.3	75-125	0			
Selenium	5.842	0.34	6.887	0.1463	82.7	75-125	0			
Silver	6.167	0.34	6.887	0.002614	89.5	75-125	0			
Zinc	20.78	0.69	6.887	14.72	88	75-125	0			

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

Client: HRL Compliance Solutions
 Work Order: 13101068
 Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: 52631 Instrument ID ICPMS1 Method: SW6020A

MS		Sample ID: 13101249-01AMS				Units: mg/Kg		Analysis Date: 10/25/2013 02:20 PM		
Client ID:		Run ID: ICPMS1_131025A			SeqNo: 2506484		Prep Date: 10/24/2013		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	14.81	1.7	6.887	6.112	126	75-125	0			S

MSD		Sample ID: 13101249-01AMSD				Units: mg/Kg		Analysis Date: 10/25/2013 12:47 AM		
Client ID:		Run ID: ICPMS1_131024A			SeqNo: 2505630		Prep Date: 10/24/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	6.957	0.33	6.658	0.7592	93.1	75-125	7.052	1.36	25	
Barium	14.33	0.33	6.658	6.48	118	75-125	15.41	7.26	25	
Cadmium	6.299	0.13	6.658	0.05572	93.8	75-125	6.441	2.23	25	
Chromium	8.023	0.33	6.658	1.885	92.2	75-125	8.629	7.29	25	
Copper	7.79	0.33	6.658	1.56	93.6	75-125	8.085	3.73	25	
Nickel	7.477	0.33	6.658	1.266	93.3	75-125	7.968	6.37	25	
Selenium	5.638	0.33	6.658	0.1463	82.5	75-125	5.842	3.55	25	
Silver	6.113	0.33	6.658	0.002614	91.8	75-125	6.167	0.893	25	
Zinc	21.84	0.67	6.658	14.72	107	75-125	20.78	5	25	

MSD		Sample ID: 13101249-01AMSD				Units: mg/Kg		Analysis Date: 10/25/2013 02:26 PM		
Client ID:		Run ID: ICPMS1_131025A			SeqNo: 2506485		Prep Date: 10/24/2013		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	21.75	1.7	6.658	6.112	235	75-125	14.81	38	25	SR

The following samples were analyzed in this batch:

13101068-01B	13101068-02A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
 Work Order: 13101068
 Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: **52633** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK		Sample ID: MBLK-52633-52633				Units: mg/Kg		Analysis Date: 10/25/2013 09:42 PM		
Client ID:		Run ID: ICPMS1_131025A			SeqNo: 2507366		Prep Date: 10/24/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Arsenic ND 0.25

LCS		Sample ID: LCS-52633-52633				Units: mg/Kg		Analysis Date: 10/25/2013 09:48 PM		
Client ID:		Run ID: ICPMS1_131025A			SeqNo: 2507367		Prep Date: 10/24/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Arsenic 4.472 0.25 5 0 89.4 80-120 0

MS		Sample ID: 13101068-04AMS				Units: mg/Kg		Analysis Date: 10/25/2013 10:25 PM		
Client ID: Rita Tank Farm B-3		Run ID: ICPMS1_131025A			SeqNo: 2507373		Prep Date: 10/24/2013		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Arsenic 11.68 1.8 7.003 5.382 90 75-125 0

MSD		Sample ID: 13101068-04AMSD				Units: mg/Kg		Analysis Date: 10/25/2013 10:51 PM		
Client ID: Rita Tank Farm B-3		Run ID: ICPMS1_131025A			SeqNo: 2507377		Prep Date: 10/24/2013		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Arsenic 11.54 1.8 7.133 5.382 86.4 75-125 11.68 1.21 25

The following samples were analyzed in this batch:

13101068-03A	13101068-04A
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Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
 Work Order: 13101068
 Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: 52496 Instrument ID SVMS5 Method: SW8270

MBLK		Sample ID: SBLKS1-52496-52496				Units: µg/Kg		Analysis Date: 10/23/2013 12:31 PM		
Client ID:		Run ID: SVMS5_131023A			SeqNo: 2504883		Prep Date: 10/22/2013		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	1395	0	1667	0	83.7	12-100	0			
Surr: 4-Terphenyl-d14	1677	0	1667	0	101	25-137	0			
Surr: Nitrobenzene-d5	1439	0	1667	0	86.4	37-107	0			

LCS		Sample ID: SLCSS1-52496-52496				Units: µg/Kg		Analysis Date: 10/23/2013 11:00 AM		
Client ID:		Run ID: SVMS5_131023A			SeqNo: 2504879		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	520.7	6.7	666.7	0	78.1	45-110	0			
Acenaphthylene	527.7	6.7	666.7	0	79.1	45-105	0			
Anthracene	537.7	6.7	666.7	0	80.6	55-105	0			
Benzo(a)anthracene	594	6.7	666.7	0	89.1	50-110	0			
Benzo(a)pyrene	621.7	6.7	666.7	0	93.2	50-110	0			
Benzo(b)fluoranthene	631	6.7	666.7	0	94.6	45-115	0			
Benzo(g,h,i)perylene	594.7	6.7	666.7	0	89.2	40-125	0			
Benzo(k)fluoranthene	622	6.7	666.7	0	93.3	45-115	0			
Chrysene	620	6.7	666.7	0	93	55-110	0			
Dibenzo(a,h)anthracene	610.3	6.7	666.7	0	91.5	40-125	0			
Fluoranthene	563	6.7	666.7	0	84.4	55-115	0			
Fluorene	539.7	6.7	666.7	0	80.9	50-110	0			
Indeno(1,2,3-cd)pyrene	761.3	6.7	666.7	0	114	40-120	0			
Naphthalene	524.3	6.7	666.7	0	78.6	40-105	0			
Pyrene	639.3	6.7	666.7	0	95.9	45-125	0			
Surr: 2-Fluorobiphenyl	1318	0	1667	0	79.1	12-100	0			
Surr: 4-Terphenyl-d14	1727	0	1667	0	104	25-137	0			
Surr: Nitrobenzene-d5	1320	0	1667	0	79.2	37-107	0			

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

Client: HRL Compliance Solutions
 Work Order: 13101068
 Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: 52496 Instrument ID SVMS5 Method: SW8270

MS				Sample ID: 13101085-06A MS			Units: µg/Kg		Analysis Date: 10/23/2013 11:23 AM		
Client ID:		Run ID: SVMS5_131023A			SeqNo: 2504880		Prep Date: 10/22/2013		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Acenaphthene	1353	19	1853	0	73	45-110	0				
Acenaphthylene	1427	19	1853	101.1	71.5	45-105	0				
Anthracene	1492	19	1853	98.17	75.2	55-105	0				
Benzo(a)anthracene	1759	19	1853	220.1	83.1	50-110	0				
Benzo(a)pyrene	1829	19	1853	309.4	82	50-110	0				
Benzo(b)fluoranthene	1750	19	1853	273.7	79.7	45-115	0				
Benzo(g,h,i)perylene	1725	19	1853	230	80.7	40-125	0				
Benzo(k)fluoranthene	1768	19	1853	208.2	84.2	45-115	0				
Chrysene	1821	19	1853	190.4	88	55-110	0				
Dibenzo(a,h)anthracene	1660	19	1853	140.8	82	40-125	0				
Fluoranthene	1696	19	1853	297.5	75.5	55-115	0				
Fluorene	1459	19	1853	0	78.7	50-110	0				
Indeno(1,2,3-cd)pyrene	2176	19	1853	343.1	98.9	40-120	0				
Naphthalene	1368	19	1853	0	73.8	40-105	0				
Pyrene	1920	19	1853	297.5	87.6	45-125	0				
Surr: 2-Fluorobiphenyl	3340	0	4632	0	72.1	12-100	0				
Surr: 4-Terphenyl-d14	4501	0	4632	0	97.2	25-137	0				
Surr: Nitrobenzene-d5	3359	0	4632	0	72.5	37-107	0				

MSD				Sample ID: 13101085-06A MSD			Units: µg/Kg		Analysis Date: 10/23/2013 11:46 AM		
Client ID:		Run ID: SVMS5_131023A			SeqNo: 2504881		Prep Date: 10/22/2013		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Acenaphthene	1455	20	1957	0	74.3	45-110	1353	7.22	30		
Acenaphthylene	1533	20	1957	101.1	73.2	45-105	1427	7.2	30		
Anthracene	1614	20	1957	98.17	77.5	55-105	1492	7.85	30		
Benzo(a)anthracene	1884	20	1957	220.1	85	50-110	1759	6.87	30		
Benzo(a)pyrene	1928	20	1957	309.4	82.7	50-110	1829	5.31	30		
Benzo(b)fluoranthene	1885	20	1957	273.7	82.4	45-115	1750	7.45	30		
Benzo(g,h,i)perylene	1800	20	1957	230	80.2	40-125	1725	4.27	30		
Benzo(k)fluoranthene	1890	20	1957	208.2	86	45-115	1768	6.66	30		
Chrysene	1944	20	1957	190.4	89.6	55-110	1821	6.52	30		
Dibenzo(a,h)anthracene	1769	20	1957	140.8	83.2	40-125	1660	6.35	30		
Fluoranthene	1808	20	1957	297.5	77.2	55-115	1696	6.39	30		
Fluorene	1575	20	1957	0	80.5	50-110	1459	7.66	30		
Indeno(1,2,3-cd)pyrene	2277	20	1957	343.1	98.8	40-120	2176	4.52	30		
Naphthalene	1342	20	1957	0	68.6	40-105	1368	1.91	30		
Pyrene	2122	20	1957	297.5	93.2	45-125	1920	9.98	30		
Surr: 2-Fluorobiphenyl	3556	0	4892	0	72.7	12-100	3340	6.26	40		
Surr: 4-Terphenyl-d14	4928	0	4892	0	101	25-137	4501	9.06	40		
Surr: Nitrobenzene-d5	3392	0	4892	0	69.3	37-107	3359	0.98	40		

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

Client: HRL Compliance Solutions
Work Order: 13101068
Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: **52496** Instrument ID **SVMS5** Method: **SW8270**

The following samples were analyzed in this batch:

13101068- 01B

Client: HRL Compliance Solutions
 Work Order: 13101068
 Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: 52519 Instrument ID VMS8 Method: SW8260B

MBLK		Sample ID: MBLK-52519-52519				Units: µg/Kg		Analysis Date: 10/23/2013 07:28 AM		
Client ID:		Run ID: VMS8_131022B			SeqNo: 2501386		Prep Date: 10/22/2013		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								
Surr: 1,2-Dichloroethane-d4	992	0	1000	0	99.2	70-130	0			
Surr: 4-Bromofluorobenzene	971	0	1000	0	97.1	70-130	0			
Surr: Dibromofluoromethane	957	0	1000	0	95.7	70-130	0			
Surr: Toluene-d8	974	0	1000	0	97.4	70-130	0			

LCS		Sample ID: LCS-52519-52519				Units: µg/Kg		Analysis Date: 10/22/2013 01:18 PM		
Client ID:		Run ID: VMS8_131022A			SeqNo: 2501465		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	960.5	30	1000	0	96	75-125	0			
Ethylbenzene	947	30	1000	0	94.7	75-125	0			
m,p-Xylene	1884	60	2000	0	94.2	80-125	0			
o-Xylene	953.5	30	1000	0	95.4	75-125	0			
Toluene	934.5	30	1000	0	93.4	70-125	0			
Xylenes, Total	2837	90	3000	0	94.6	75-125	0			
Surr: 1,2-Dichloroethane-d4	1029	0	1000	0	103	70-130	0			
Surr: 4-Bromofluorobenzene	988.5	0	1000	0	98.8	70-130	0			
Surr: Dibromofluoromethane	1001	0	1000	0	100	70-130	0			
Surr: Toluene-d8	972.5	0	1000	0	97.2	70-130	0			

MS		Sample ID: 1310804-36A MS				Units: µg/Kg		Analysis Date: 10/26/2013 07:46 AM		
Client ID:		Run ID: VMS5_131025B			SeqNo: 2508150		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	988.5	30	1000	0	98.8	75-125	0			
Ethylbenzene	997	30	1000	0	99.7	75-125	0			
m,p-Xylene	2016	60	2000	0	101	80-125	0			
o-Xylene	994.5	30	1000	0	99.4	75-125	0			
Toluene	942.5	30	1000	0	94.2	70-125	0			
Xylenes, Total	3010	90	3000	0	100	75-125	0			
Surr: 1,2-Dichloroethane-d4	986.5	0	1000	0	98.6	70-130	0			
Surr: 4-Bromofluorobenzene	1016	0	1000	0	102	70-130	0			
Surr: Dibromofluoromethane	943.5	0	1000	0	94.4	70-130	0			
Surr: Toluene-d8	977	0	1000	0	97.7	70-130	0			

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

Client: HRL Compliance Solutions
Work Order: 13101068
Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: **52519** Instrument ID **VMS8** Method: **SW8260B**

MSD		Sample ID: 1310804-36A MSD				Units: µg/Kg		Analysis Date: 10/26/2013 08:09 AM		
Client ID:		Run ID: VMS5_131025B			SeqNo: 2508151		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	972.5	30	1000	0	97.2	75-125	988.5	1.63	30	
Ethylbenzene	977	30	1000	0	97.7	75-125	997	2.03	30	
m,p-Xylene	1997	60	2000	0	99.8	80-125	2016	0.922	30	
o-Xylene	991.5	30	1000	0	99.2	75-125	994.5	0.302	30	
Toluene	932.5	30	1000	0	93.2	70-125	942.5	1.07	30	
Xylenes, Total	2988	90	3000	0	99.6	75-125	3010	0.717	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>978</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>97.8</i>	<i>70-130</i>	<i>986.5</i>	<i>0.865</i>	<i>30</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>1020</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>102</i>	<i>70-130</i>	<i>1016</i>	<i>0.295</i>	<i>30</i>	
<i>Surr: Dibromofluoromethane</i>	<i>948.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>94.8</i>	<i>70-130</i>	<i>943.5</i>	<i>0.529</i>	<i>30</i>	
<i>Surr: Toluene-d8</i>	<i>980</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>98</i>	<i>70-130</i>	<i>977</i>	<i>0.307</i>	<i>30</i>	

The following samples were analyzed in this batch:

13101068-01A

Client: HRL Compliance Solutions
Work Order: 13101068
Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: **52489** Instrument ID **WETCHEM** Method: **USDA H60 Method**

DUP		Sample ID: 13101068-04B Dup				Units: mmhos/cm @25°C		Analysis Date: 10/24/2013 05:30 PM		
Client ID: Rita Tank Farm B-3		Run ID: WETCHEM_1310240			SeqNo: 2505264		Prep Date: 10/24/2013		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturation	1.19	0.025	0	0	0		1.175	1.27	50	

The following samples were analyzed in this batch:

13101068-01C	13101068-04B
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Client: HRL Compliance Solutions
Work Order: 13101068
Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: **52546** Instrument ID **WETCHEM** Method: **SW9045D**

LCS		Sample ID: LCS-52546-52546				Units: s.u.		Analysis Date: 10/22/2013 03:00 PM		
Client ID:		Run ID: WETCHEM_131022K			SeqNo: 2500842		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 3.89 0 4 0 97.2 90-110 0

DUP		Sample ID: 1310957-05C DUP				Units: s.u.		Analysis Date: 10/22/2013 03:00 PM		
Client ID:		Run ID: WETCHEM_131022K			SeqNo: 2500849		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 7.92 0 0 0 0 0-0 7.97 0.629 20

DUP		Sample ID: 1310987-01C DUP				Units: s.u.		Analysis Date: 10/22/2013 03:00 PM		
Client ID:		Run ID: WETCHEM_131022K			SeqNo: 2500851		Prep Date: 10/22/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 7.82 0 0 0 0 0-0 7.74 1.03 20

The following samples were analyzed in this batch:

13101068-01B

Client: HRL Compliance Solutions
 Work Order: 13101068
 Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: **52580** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK	Sample ID: MBLK-52580-52580		Units: mg/Kg		Analysis Date: 10/23/2013 04:00 PM					
Client ID:	Run ID: WETCHEM_131023P		SeqNo: 2503730		Prep Date: 10/23/2013 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-52580-52580		Units: mg/Kg		Analysis Date: 10/23/2013 04:00 PM					
Client ID:	Run ID: WETCHEM_131023P		SeqNo: 2503729		Prep Date: 10/23/2013 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.876 0.50 2 0 93.8 80-120 0

MS	Sample ID: 1310994-01B MS		Units: mg/Kg		Analysis Date: 10/23/2013 04:00 PM					
Client ID:	Run ID: WETCHEM_131023P		SeqNo: 2503724		Prep Date: 10/23/2013 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.448 0.50 1.984 0.0549 70.2 75-125 0 S

MS	Sample ID: 1310994-01B MSI		Units: mg/Kg		Analysis Date: 10/23/2013 04:00 PM					
Client ID:	Run ID: WETCHEM_131023P		SeqNo: 2503726		Prep Date: 10/23/2013 DF: 50					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 477.2 25 1.984 0.0549 24000 75-125 0 S

MSD	Sample ID: 1310994-01B MSD		Units: mg/Kg		Analysis Date: 10/23/2013 04:00 PM					
Client ID:	Run ID: WETCHEM_131023P		SeqNo: 2503725		Prep Date: 10/23/2013 DF: 1					
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.629 0.50 2.016 0.0549 78.1 75-125 1.448 11.7 20

The following samples were analyzed in this batch:

13101068-01B

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

Client: HRL Compliance Solutions
Work Order: 13101068
Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: **52636** Instrument ID **WETCHEM** Method: **SW9045D**

LCS		Sample ID: LCS-52636-52636				Units: s.u.		Analysis Date: 10/24/2013 10:00 AM			
Client ID:		Run ID: WETCHEM_131024M		SeqNo: 2505237		Prep Date: 10/24/2013		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
pH	3.89	0	4	0	97.2	90-110	0				

DUP		Sample ID: 13101220-01B Dup				Units: s.u.		Analysis Date: 10/24/2013 10:00 AM			
Client ID:		Run ID: WETCHEM_131024M		SeqNo: 2505244		Prep Date: 10/24/2013		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
pH	8.09	0	0	0	0	0-0	8.1	0.124	20		

The following samples were analyzed in this batch:

13101068-04A

Client: HRL Compliance Solutions
Work Order: 13101068
Project: Rita Tank Farm Prod. Water Spill 10.18.13

QC BATCH REPORT

Batch ID: **R129165** Instrument ID **MOIST** Method: **A2540 G**

MBLK	Sample ID: WBLKS-R129165				Units: % of sample			Analysis Date: 10/23/2013 06:20 PM		
Client ID:	Run ID: MOIST_131023D			SeqNo: 2504978		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-R129165				Units: % of sample			Analysis Date: 10/23/2013 06:20 PM		
Client ID:	Run ID: MOIST_131023D			SeqNo: 2504974		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: 13101068-04A DUP				Units: % of sample			Analysis Date: 10/23/2013 06:20 PM		
Client ID: Rita Tank Farm B-3	Run ID: MOIST_131023D			SeqNo: 2504959		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 11.41 0.050 0 0 0 0-0 11.49 0.699 20

DUP	Sample ID: 1310974-02B DUP				Units: % of sample			Analysis Date: 10/23/2013 06:20 PM		
Client ID:	Run ID: MOIST_131023D			SeqNo: 2504966		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 29.68 0.050 0 0 0 0-0 31.69 6.55 20

The following samples were analyzed in this batch:

13101068-01B	13101068-02A	13101068-03A
13101068-04A		

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 #	131060
PAGE	1 of 1

PROJECT NAME	Rita Tank Farm produced	SAMPLER	Reed Wold	DATE	10/18/13	PAGE	1 of 1
PROJECT No.	Water spill	SITE ID	Rita Tank Farm	TURNAROUND	5 Day	DISPOSAL	By Lab or Return to Client
COMPANY NAME	HRL Compliance	EDD FORMAT					
SEND REPORT TO	Mark Mumby	PURCHASE ORDER					
ADDRESS	2385 F 1/2 Rd	BILL TO COMPANY	HCSF				
CITY / STATE / ZIP	Grand Junction, CO 81506	INVOICE ATTN TO	Mark Mumby				
PHONE	970-243-3271	ADDRESS					
FAX	970-243-3280	CITY / STATE / ZIP					
E-MAIL	mmumby@hrlcomp.com rwold@hrlcomp.com	PHONE					
		FAX					
		E-MAIL					


BTEX / GLO
 PROPPAH / Metals
 SARI / Ec / pH
 Arsenic

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC													
01	Impacted Area	SO	10/18/13	10:00	3	8		X	X	X										
02	Rita Tank Farm B-1			10:10	1															
03	Rita Tank Farm B-2			10:15	1															
04	Rita Tank Farm B-3			10:20	2															

*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:



QC PACKAGE (check below)

<input checked="" type="checkbox"/>	LEVEL II (Standard QC)
<input type="checkbox"/>	LEVEL III (Std QC + forms)
<input type="checkbox"/>	LEVEL IV (Std QC + forms + raw data)

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	Reed Wold	Reed Wold	10/18/13	12:15
RECEIVED BY	[Signature]	N.M.	10-18-13	12:16
RELINQUISHED BY	[Signature]	N.M.	10-18-	12:20
RECEIVED BY	[Signature]	Ashley B. ne'	10/19/13	0945
RELINQUISHED BY				
RECEIVED BY				

Sample Receipt Checklist

Client Name: **HRL**

Date/Time Received: **19-Oct-13 09:45**

Work Order: **13101068**

Received by: **AB**

Checklist completed by *Ashley Beard* 21-Oct-13
eSignature Date

Reviewed by: *Ann Preston* 23-Oct-13
eSignature Date

Matrices: soil
 Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample(s) received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>3.4°C</u>		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	<u>10/21/2013 8:47:15 AM</u>		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

From: (970) 424-4749
Lab Hub, LLC

Origin ID: RILA



Ship Date: 18OCT13
ActWgt: 47.0 LB
CAD: 103923490/NET3430

Dims: 25 X 14 X 15 IN

127 E First Street
PARACHUTE, CO 81635



J13201306290326

Delivery Address Bar Code



SHIP TO: (616) 399-6070
Sample receiving
ALS Holland
3352 128TH AVE

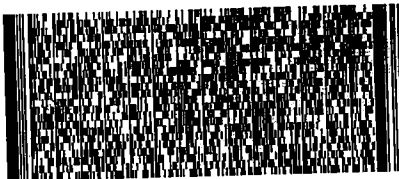
BILL RECIPIENT

Ref # 1001-101813-1
Invoice #
PO #
Dept #

HOLLAND, MI 49424

SATURDAY 12:00P
PRIORITY OVERNIGHT

TRK# 7969 5135 4639
0201



49424
US
GRR

X0 GRRRA



51AG1AB1B1A9E

After printing this label:

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15-Nov-2013

Mark Mumby
HRL Compliance Solutions
2385 F 1/2 Road
Grand Junction, CO 81505

Re: **Reda Tank Farm Proc. Water Spill 11.7.13**

Work Order: **1311471**

Dear Mark,

ALS Environmental received 1 sample on 08-Nov-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 10.

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 Laboratory Group A Campbell Brothers Limited Company

Environmental ALS

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: HRL Compliance Solutions
Project: Reda Tank Farm Proc. Water Spill 11.7.13
Work Order: 1311471

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>
1311471-01	Impacted Area	Soil		11/7/2013 11:20	11/8/2013 09:30	<input type="checkbox"/>

Client: HRL Compliance Solutions
Project: Reda Tank Farm Proc. Water Spill 11.7.13
Work Order: 1311471

Case Narrative

Batch 53165 MS/MSD data for PAHs is not related to this project's samples. No data requires qualification.

Client: HRL Compliance Solutions
Project: Reda Tank Farm Proc. Water Spill 11.7.13
WorkOrder: 1311471

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

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCS D	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

<u>Units Reported</u>	<u>Description</u>
% of sample	Percent of Sample
µg/Kg-dry	Micrograms per Kilogram Dry Weight

ALS Group USA, Corp

Date: 15-Nov-13

Client: HRL Compliance Solutions
Project: Reda Tank Farm Proc. Water Spill 11.7.13
Sample ID: Impacted Area
Collection Date: 11/7/2013 11:20 AM

Work Order: 1311471
Lab ID: 1311471-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
SEMI-VOLATILE ORGANIC COMPOUNDS			SW8270		Prep Date: 11/11/2013	Analyst: RM
Benzo(a)pyrene	ND		6.9	µg/Kg-dry	1	11/13/2013 07:02 AM
Dibenzo(a,h)anthracene	ND		6.9	µg/Kg-dry	1	11/13/2013 07:02 AM
Surr: 2-Fluorobiphenyl	72.2		12-100	%REC	1	11/13/2013 07:02 AM
Surr: 4-Terphenyl-d14	103		25-137	%REC	1	11/13/2013 07:02 AM
Surr: Nitrobenzene-d5	64.9		37-107	%REC	1	11/13/2013 07:02 AM
MOISTURE			A2540 G			Analyst: MEB
Moisture	4.1		0.050	% of sample	1	11/12/2013 05:30 PM

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

Client: HRL Compliance Solutions

QC BATCH REPORT

Work Order: 1311471

Project: Reda Tank Farm Proc. Water Spill 11.7.13

Batch ID: **53165**

Instrument ID **SVMS7**

Method: **SW8270**

MBLK		Sample ID: SBLKS1-53165-53165				Units: µg/Kg		Analysis Date: 11/11/2013 10:04 PM			
Client ID:		Run ID: SVMS7_131111B				SeqNo: 2535013		Prep Date: 11/11/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzo(a)pyrene	ND	6.7									
Dibenzo(a,h)anthracene	ND	6.7									
<i>Surr: 2-Fluorobiphenyl</i>	1117	0	1667	0	67	12-100	0				
<i>Surr: 4-Terphenyl-d14</i>	1737	0	1667	0	104	25-137	0				
<i>Surr: Nitrobenzene-d5</i>	1090	0	1667	0	65.4	37-107	0				

LCS		Sample ID: SLCSS1-53165-53165				Units: µg/Kg		Analysis Date: 11/12/2013 11:13 PM			
Client ID:		Run ID: SVMS6_131112A				SeqNo: 2536578		Prep Date: 11/11/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzo(a)pyrene	549.3	6.7	666.7	0	82.4	50-110	0				
Dibenzo(a,h)anthracene	497.3	6.7	666.7	0	74.6	40-125	0				
<i>Surr: 2-Fluorobiphenyl</i>	1259	0	1667	0	75.6	12-100	0				
<i>Surr: 4-Terphenyl-d14</i>	1571	0	1667	0	94.3	25-137	0				
<i>Surr: Nitrobenzene-d5</i>	1255	0	1667	0	75.3	37-107	0				

MS		Sample ID: 1311434-01A MS				Units: µg/Kg		Analysis Date: 11/13/2013 02:22 AM			
Client ID:		Run ID: SVMS6_131112A				SeqNo: 2536584		Prep Date: 11/11/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzo(a)pyrene	5868	13	1282	1371	351	50-110	0			SE	
Dibenzo(a,h)anthracene	1829	13	1282	317	118	40-125	0				
<i>Surr: 2-Fluorobiphenyl</i>	2290	0	3204	0	71.5	12-100	0				
<i>Surr: 4-Terphenyl-d14</i>	3470	0	3204	0	108	25-137	0				
<i>Surr: Nitrobenzene-d5</i>	2158	0	3204	0	67.4	37-107	0				

MSD		Sample ID: 1311434-01A MSD				Units: µg/Kg		Analysis Date: 11/13/2013 02:42 AM			
Client ID:		Run ID: SVMS6_131112A				SeqNo: 2536585		Prep Date: 11/11/2013		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzo(a)pyrene	5860	13	1303	1371	344	50-110	5868	0.124	30	SE	
Dibenzo(a,h)anthracene	1942	13	1303	317	125	40-125	1829	5.98	30		
<i>Surr: 2-Fluorobiphenyl</i>	2284	0	3258	0	70.1	12-100	2290	0.261	40		
<i>Surr: 4-Terphenyl-d14</i>	3517	0	3258	0	108	25-137	3470	1.35	40		
<i>Surr: Nitrobenzene-d5</i>	2161	0	3258	0	66.3	37-107	2158	0.105	40		

The following samples were analyzed in this batch:

1311471-01A

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

Client: HRL Compliance Solutions
Work Order: 1311471
Project: Reda Tank Farm Proc. Water Spill 11.7.13

QC BATCH REPORT

Batch ID: **R130452** Instrument ID **MOIST** Method: **A2540 G**

MBLK		Sample ID: WBLKS-R130452				Units: % of sample		Analysis Date: 11/12/2013 05:30 PM		
Client ID:		Run ID: MOIST_131112D				SeqNo: 2536185		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-R130452				Units: % of sample		Analysis Date: 11/12/2013 05:30 PM		
Client ID:		Run ID: MOIST_131112D				SeqNo: 2536176		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: 1311471-01A DUP				Units: % of sample		Analysis Date: 11/12/2013 05:30 PM		
Client ID: Impacted Area		Run ID: MOIST_131112D				SeqNo: 2536148		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 4.18 0.050 0 0 0 0-0 4.12 1.45 20

DUP		Sample ID: 1311506-01A DUP				Units: % of sample		Analysis Date: 11/12/2013 05:30 PM		
Client ID:		Run ID: MOIST_131112D				SeqNo: 2536152		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 80.72 0.050 0 0 0 0-0 80.61 0.136 20

The following samples were analyzed in this batch: 1311471-01A

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

Sample Receipt Checklist

Client Name: **HRL**

Date/Time Received: **08-Nov-13 09:30**

Work Order: **1311471**

Received by: **AB**

Checklist completed by *Ashley Beard* 08-Nov-13
eSignature Date

Reviewed by: *Ann Preston* 11-Nov-13
eSignature Date

Matrices: soil
 Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample(s) received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>5.2</u>		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	<u>11/8/2013 1:04:14 PM</u>		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

From: (970) 424-4749
Lab Hub, LLC

Origin ID: RILA



Ship Date: 07NOV13
ActWgt: 40.0 LB
CAD: 103923490/NET3430

Dims: 25 X 14 X 15 IN

127 E First Street
PARACHUTE, CO 81635



J1320130628C326

Delivery Address Bar Code



SHIP TO: (616) 399-6070

BILL RECEIPT

Sample recieving
ALS Holland
3352 128TH AVE

HOLLAND, MI 49424

Ref # 1001-110713-1
Invoice #
PO #
Dept #

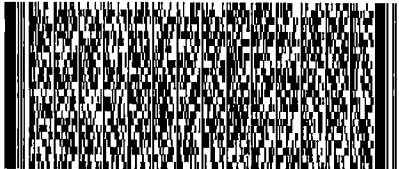
FRI - 08 NOV AA
STANDARD OVERNIGHT

TRK# 7971 0956 8734

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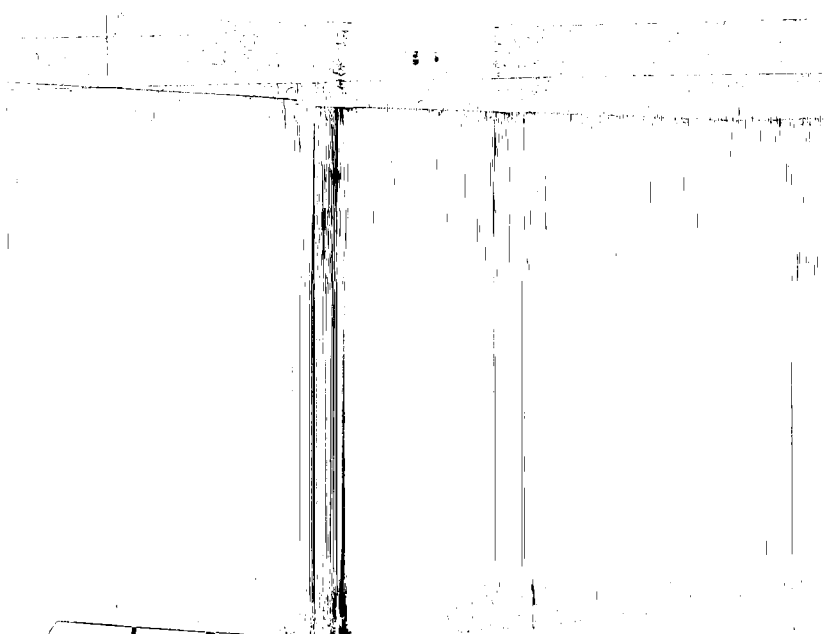
51AG1D5E61A8E

After printing this label:

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

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

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Time: 17:00
Date: 11-7-11

Seal Broken By: _____
Date: _____

Lab Hub LLC. Custody seal