



29-May-2014

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

Re: **WPX RMV 152-22 Condensate Spill 5.19.14**

Work Order: **1405981**

Dear Mark,

ALS Environmental received 1 sample on 20-May-2014 10:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 24.

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 

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: HRL Compliance Solutions, Inc
Project: WPX RMV 152-22 Condensate Spill 5.19.14
Work Order: 1405981

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>
1405981-01	Excavation	Soil		5/19/2014 10:15	5/20/2014 10:00	<input type="checkbox"/>

ALS Group USA, Corp

Date: 29-May-14

Client: HRL Compliance Solutions, Inc
Project: WPX RMV 152-22 Condensate Spill 5.19.14
Work Order: 1405981

Case Narrative

Batch 58931 duplicate data for pH is not related to this project's samples. No data requires qualification.

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

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

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

ALS Group USA, Corp

Date: 29-May-14

Client: HRL Compliance Solutions, Inc
Project: WPX RMV 152-22 Condensate Spill 5.19.14
Sample ID: Excavation
Collection Date: 5/19/2014 10:15 AM

Work Order: 1405981
Lab ID: 1405981-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
DRO (C10-C28)	19		SW8015M		Prep: SW3541 / 5/20/14	Analyst: IT
<i>Surr: 4-Terphenyl-d14</i>	<i>82.0</i>		<i>39-133</i>	<i>%REC</i>	<i>1</i>	<i>5/20/2014 08:24 PM</i>
GASOLINE RANGE ORGANICS BY GC-FID						
GRO (C6-C10)	ND		SW8015		Prep: SW5035 / 5/20/14	Analyst: IT
<i>Surr: Toluene-d8</i>	<i>98.0</i>		<i>50-150</i>	<i>%REC</i>	<i>1</i>	<i>5/20/2014 03:52 PM</i>
MERCURY BY CVAA						
Mercury	0.021		SW7471		Prep: SW7471 / 5/23/14	Analyst: LR
			0.014	mg/Kg-dry	1	5/23/2014 09:31 PM
METALS BY ICP-MS						
Arsenic	13		SW6020A		Prep: SW3050B / 5/20/14	Analyst: ML
Barium	160		2.2	mg/Kg-dry	5	5/21/2014 09:01 AM
Cadmium	ND		2.2	mg/Kg-dry	5	5/21/2014 09:01 AM
Chromium	13		0.89	mg/Kg-dry	5	5/21/2014 09:01 AM
Copper	8.6		2.2	mg/Kg-dry	5	5/21/2014 09:01 AM
Lead	7.7		2.2	mg/Kg-dry	5	5/21/2014 09:01 AM
Nickel	11		2.2	mg/Kg-dry	5	5/21/2014 09:01 AM
Selenium	2.4		2.2	mg/Kg-dry	5	5/21/2014 09:01 AM
Silver	ND		2.2	mg/Kg-dry	5	5/21/2014 09:01 AM
Zinc	29		4.5	mg/Kg-dry	5	5/21/2014 09:01 AM
SOLUBLE CATIONS FOR SAR						
			SW6020A		Prep: USDA Method 20B / 5/27/14	Analyst: RH
Calcium	56		10	mg/L	20	5/28/2014 02:07 AM
Magnesium	13		4.0	mg/L	20	5/28/2014 02:07 AM
Sodium	16		4.0	mg/L	20	5/28/2014 02:07 AM
SODIUM ADSORPTION RATIO						
			USDA H60 METHO		Prep: USDA Method 20B / 5/27/14	Analyst: RH
Sodium Adsorption Ratio	0.52		0.010	none	1	5/27/2014
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW8270		Prep: SW3541 / 5/20/14	Analyst: RM
Acenaphthene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM
Acenaphthylene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM
Anthracene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM
Benzo(a)anthracene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM
Benzo(a)pyrene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM
Benzo(b)fluoranthene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM
Benzo(g,h,i)perylene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM
Benzo(k)fluoranthene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM
Chrysene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM

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

ALS Group USA, Corp

Date: 29-May-14

Client: HRL Compliance Solutions, Inc
Project: WPX RMV 152-22 Condensate Spill 5.19.14
Sample ID: Excavation
Collection Date: 5/19/2014 10:15 AM

Work Order: 1405981
Lab ID: 1405981-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Dibenzo(a,h)anthracene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM
Fluoranthene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM
Fluorene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM
Indeno(1,2,3-cd)pyrene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM
Naphthalene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM
Pyrene	ND		7.3	µg/Kg-dry	1	5/21/2014 02:03 AM
Surr: 2-Fluorobiphenyl	30.6		12-100	%REC	1	5/21/2014 02:03 AM
Surr: 4-Terphenyl-d14	44.0		25-137	%REC	1	5/21/2014 02:03 AM
Surr: Nitrobenzene-d5	40.9		37-107	%REC	1	5/21/2014 02:03 AM
VOLATILE ORGANIC COMPOUNDS			SW8260B	Prep: SW5035 / 5/20/14		Analyst: BG
Benzene	ND		33	µg/Kg-dry	1	5/20/2014 05:59 PM
Ethylbenzene	ND		33	µg/Kg-dry	1	5/20/2014 05:59 PM
m,p-Xylene	ND		66	µg/Kg-dry	1	5/20/2014 05:59 PM
o-Xylene	ND		33	µg/Kg-dry	1	5/20/2014 05:59 PM
Toluene	ND		33	µg/Kg-dry	1	5/20/2014 05:59 PM
Xylenes, Total	ND		99	µg/Kg-dry	1	5/20/2014 05:59 PM
Surr: 1,2-Dichloroethane-d4	84.6		70-130	%REC	1	5/20/2014 05:59 PM
Surr: 4-Bromofluorobenzene	96.6		70-130	%REC	1	5/20/2014 05:59 PM
Surr: Dibromofluoromethane	93.4		70-130	%REC	1	5/20/2014 05:59 PM
Surr: Toluene-d8	94.8		70-130	%REC	1	5/20/2014 05:59 PM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO	Prep: USDA Method 20B / 5/27/14		Analyst: JB
Electrical Conductivity @ Saturation	0.46		0.050	mmhos/cm @25	10	5/28/2014 12:15 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: JJG
Chromium, Trivalent	13		0.55	mg/Kg-dry	1	5/27/2014 08:01 AM
CHROMIUM, HEXAVALENT			SW7196A	Prep: SW3060A / 5/21/14		Analyst: EE
Chromium, Hexavalent	ND		0.54	mg/Kg-dry	1	5/21/2014 01:00 PM
MOISTURE			A2540 G			Analyst: AT
Moisture	9.2		0.050	% of sample	1	5/20/2014 02:33 PM
PH			SW9045D	Prep: EXTRACT / 5/22/14		Analyst: AT
pH	8.3			s.u.	1	5/22/2014 04:42 PM

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

Client: HRL Compliance Solutions, Inc

QC BATCH REPORT

Work Order: 1405981

Project: WPX RMV 152-22 Condensate Spill 5.19.14

Batch ID: 58818

Instrument ID GC8

Method: SW8015M

MBLK		Sample ID: DBLKS1-58818-58818				Units: mg/Kg		Analysis Date: 5/20/2014 05:24 PM		
Client ID:		Run ID: GC8_140520A				SeqNo: 2772126		Prep Date: 5/20/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	ND	4.2								
Surr: 4-Terphenyl-d14	1.692	0	1.667	0	102	39-133	0			

LCS		Sample ID: DLCSS1-58818-58818				Units: mg/Kg		Analysis Date: 5/20/2014 05:54 PM		
Client ID:		Run ID: GC8_140520A				SeqNo: 2772127		Prep Date: 5/20/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	139.3	4.2	166.7	0	83.6	61-109	0			
Surr: 4-Terphenyl-d14	1.45	0	1.667	0	87	39-133	0			

MS		Sample ID: 1405918-01A MS				Units: mg/Kg		Analysis Date: 5/20/2014 06:24 PM		
Client ID:		Run ID: GC8_140520A				SeqNo: 2772128		Prep Date: 5/20/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	327.3	7.9	314	93.63	74.4	48-110	0			
Surr: 4-Terphenyl-d14	2.093	0	3.14	0	66.6	39-133	0			

MSD		Sample ID: 1405918-01A MSD				Units: mg/Kg		Analysis Date: 5/20/2014 06:54 PM		
Client ID:		Run ID: GC8_140520A				SeqNo: 2772129		Prep Date: 5/20/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	354.5	8.1	324.5	93.63	80.4	48-110	327.3	7.96	30	
Surr: 4-Terphenyl-d14	2.156	0	3.245	0	66.4	39-133	2.093	2.97	30	

The following samples were analyzed in this batch: 1405981-01B

Client: HRL Compliance Solutions, Inc
Work Order: 1405981
Project: WPX RMV 152-22 Condensate Spill 5.19.14

QC BATCH REPORT

Batch ID: **58833** Instrument ID **GC9** Method: **SW8015**

MBLK		Sample ID: MBLK-58833-58833				Units: µg/Kg		Analysis Date: 5/20/2014 03:26 PM		
Client ID:		Run ID: GC9_140520A				SeqNo: 2772036		Prep Date: 5/20/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	ND	2,500								
Surr: Toluene-d8	4694	0	5000	0	93.9	50-150	0			

LCS		Sample ID: LCS-58833-58833				Units: µg/Kg		Analysis Date: 5/20/2014 03:00 PM		
Client ID:		Run ID: GC9_140520A				SeqNo: 2772034		Prep Date: 5/20/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	467900	2,500	500000	0	93.6	70-130	0			
Surr: Toluene-d8	4518	0	5000	0	90.4	50-150	0			

MS		Sample ID: 1405981-01A MS				Units: µg/Kg		Analysis Date: 5/20/2014 09:04 PM		
Client ID: Excavation		Run ID: GC9_140520A				SeqNo: 2772054		Prep Date: 5/20/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	468500	2,500	500000	0	93.7	70-130	0			
Surr: Toluene-d8	4704	0	5000	0	94.1	50-150	0			

MSD		Sample ID: 1405981-01A MSD				Units: µg/Kg		Analysis Date: 5/20/2014 09:30 PM		
Client ID: Excavation		Run ID: GC9_140520A				SeqNo: 2772056		Prep Date: 5/20/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	467100	2,500	500000	0	93.4	70-130	468500	0.289	30	
Surr: Toluene-d8	4763	0	5000	0	95.3	50-150	4704	1.26	30	

The following samples were analyzed in this batch:

1405981-01A

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

Client: HRL Compliance Solutions, Inc
Work Order: 1405981
Project: WPX RMV 152-22 Condensate Spill 5.19.14

QC BATCH REPORT

Batch ID: **58991** Instrument ID **HG1** Method: **SW7471**

MBLK		Sample ID: MBLK-58991-58991					Units: mg/Kg		Analysis Date: 5/23/2014 08:29 PM		
Client ID:			Run ID: HG1_140523A			SeqNo: 2778446		Prep Date: 5/23/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Mercury 0.002167 0.020 J

LCS		Sample ID: LCS-58991-58991				Units: mg/Kg		Analysis Date: 5/23/2014 08:31 PM		
Client ID:		Run ID: HG1_140523A				SeqNo: 2778448		Prep Date: 5/23/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1805 0.020 0.1665 0 108 80-120 0

MS				Sample ID: 1405981-01BMS				Units: mg/Kg			Analysis Date: 5/23/2014 09:34 PM			
Client ID: Excavation				Run ID: HG1_140523A				SeqNo: 2778483			Prep Date: 5/23/2014		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			

Mercury 0.1351 0.013 0.1085 0.01922 107 75-125 0

MSD				Sample ID: 1405981-01BMSD				Units: mg/Kg		Analysis Date: 5/23/2014 09:36 PM			
Client ID: Excavation				Run ID: HG1_140523A				SeqNo: 2778484		Prep Date: 5/23/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			

Mercury 0.1285 0.013 0.1084 0.01922 101 75-125 0.1351 5.01 35

The following samples were analyzed in this batch:

1405981-01B

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

Client: HRL Compliance Solutions, Inc
Work Order: 1405981
Project: WPX RMV 152-22 Condensate Spill 5.19.14

QC BATCH REPORT

Batch ID: **58836** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK		Sample ID: MBLK-58836-58836				Units: mg/Kg		Analysis Date: 5/21/2014 06:41 AM		
Client ID:		Run ID: ICPMS1_140520B				SeqNo: 2772363		Prep Date: 5/20/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.25								
Barium	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	0.04804	0.50								J

LCS		Sample ID: LCS-58836-58836				Units: mg/Kg		Analysis Date: 5/21/2014 06:46 AM		
Client ID:		Run ID: ICPMS1_140520B				SeqNo: 2772364		Prep Date: 5/20/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.555	0.25	5	0	91.1	80-120	0			
Barium	4.967	0.25	5	0	99.3	80-120	0			
Cadmium	4.717	0.10	5	0	94.3	80-120	0			
Chromium	4.983	0.25	5	0	99.7	80-120	0			
Copper	4.755	0.25	5	0	95.1	80-120	0			
Lead	4.718	0.25	5	0	94.4	80-120	0			
Nickel	4.866	0.25	5	0	97.3	80-120	0			
Selenium	4.067	0.25	5	0	81.3	80-120	0			
Silver	4.727	0.25	5	0	94.5	80-120	0			
Zinc	4.174	0.50	5	0	83.5	80-120	0			

MS		Sample ID: 1405675-07AMS				Units: mg/Kg		Analysis Date: 5/21/2014 07:39 AM		
Client ID:		Run ID: ICPMS1_140520B				SeqNo: 2772375		Prep Date: 5/20/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	7.429	0.37	7.474	1.291	82.1	75-125	0			
Barium	14.63	0.37	7.474	6.853	104	75-125	0			
Cadmium	6.805	0.15	7.474	0.02136	90.8	75-125	0			
Chromium	10.53	0.37	7.474	3.224	97.8	75-125	0			
Copper	8.587	0.37	7.474	1.922	89.2	75-125	0			
Lead	8.064	0.37	7.474	1.27	90.9	75-125	0			
Nickel	9.746	0.37	7.474	2.784	93.1	75-125	0			
Selenium	6.441	0.37	7.474	0.5072	79.4	75-125	0			
Silver	6.7	0.37	7.474	0.004244	89.6	75-125	0			
Zinc	10.43	0.75	7.474	4.537	78.8	75-125	0			

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

Client: HRL Compliance Solutions, Inc
Work Order: 1405981
Project: WPX RMV 152-22 Condensate Spill 5.19.14

QC BATCH REPORT

Batch ID: **58836** Instrument ID **ICPMS1** Method: **SW6020A**

MSD		Sample ID: 1405675-07AMSD				Units: mg/Kg		Analysis Date: 5/21/2014 07:45 AM		
Client ID:		Run ID: ICPMS1_140520B				SeqNo: 2772376		Prep Date: 5/20/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	7.223	0.36	7.278	1.291	81.5	75-125	7.429	2.81	25	
Barium	14.62	0.36	7.278	6.853	107	75-125	14.63	0.0326	25	
Cadmium	6.57	0.15	7.278	0.02136	90	75-125	6.805	3.52	25	
Chromium	10.14	0.36	7.278	3.224	95	75-125	10.53	3.8	25	
Copper	8.151	0.36	7.278	1.922	85.6	75-125	8.587	5.21	25	
Lead	8.071	0.36	7.278	1.27	93.5	75-125	8.064	0.0874	25	
Nickel	9.512	0.36	7.278	2.784	92.4	75-125	9.746	2.43	25	
Selenium	6.151	0.36	7.278	0.5072	77.6	75-125	6.441	4.6	25	
Silver	6.343	0.36	7.278	0.004244	87.1	75-125	6.7	5.48	25	
Zinc	10.48	0.73	7.278	4.537	81.7	75-125	10.43	0.52	25	

The following samples were analyzed in this batch: 1405981-01B

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

Client: HRL Compliance Solutions, Inc
Work Order: 1405981
Project: WPX RMV 152-22 Condensate Spill 5.19.14

QC BATCH REPORT

Batch ID: **58939** Instrument ID **ICPMS2** Method: **SW6020A**

DUP		Sample ID: 14051131-03BDUP				Units: mg/L		Analysis Date: 5/28/2014 02:01 AM		
Client ID:		Run ID: ICPMS2_140527A				SeqNo: 2782400		Prep Date: 5/27/2014		DF: 20
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	44.9	10	0	0	0	0-0	46.9	4.36		
Magnesium	11.67	4.0	0	0	0	0-0	12.4	6.02		
Sodium	47.98	4.0	0	0	0	0-0	57.48	18		

DUP		Sample ID: 14051131-03BDUP				Units: none		Analysis Date: 5/27/2014		
Client ID:		Run ID: SAR_140527A				SeqNo: 2782921		Prep Date: 5/27/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium Adsorption Ratio	1.65	0.010	0	0	0		1.929	15.6	50	

The following samples were analyzed in this batch: | 1405981-01C |

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

Client: HRL Compliance Solutions, Inc
Work Order: 1405981
Project: WPX RMV 152-22 Condensate Spill 5.19.14

QC BATCH REPORT

Batch ID: **58821** Instrument ID **SVMS8** Method: **SW8270**

MBLK		Sample ID: SBLKS1-58821-58821				Units: µg/Kg		Analysis Date: 5/20/2014 11:07 PM		
Client ID:		Run ID: SVMS8_140520A				SeqNo: 2772677		Prep Date: 5/20/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	ND	6.7								
Acenaphthylene	ND	6.7								
Anthracene	ND	6.7								
Benzo(a)anthracene	ND	6.7								
Benzo(a)pyrene	ND	6.7								
Benzo(b)fluoranthene	ND	6.7								
Benzo(g,h,i)perylene	ND	6.7								
Benzo(k)fluoranthene	ND	6.7								
Chrysene	ND	6.7								
Dibenzo(a,h)anthracene	ND	6.7								
Fluoranthene	ND	6.7								
Fluorene	ND	6.7								
Indeno(1,2,3-cd)pyrene	ND	6.7								
Naphthalene	ND	6.7								
Pyrene	ND	6.7								
<i>Surr: 2-Fluorobiphenyl</i>	1244	0	1667	0	74.6	12-100	0			
<i>Surr: 4-Terphenyl-d14</i>	1707	0	1667	0	102	25-137	0			
<i>Surr: Nitrobenzene-d5</i>	1292	0	1667	0	77.5	37-107	0			

LCS		Sample ID: SLCSS1-58821-58821				Units: µg/Kg		Analysis Date: 5/20/2014 11:27 PM		
Client ID:		Run ID: SVMS8_140520A				SeqNo: 2772678		Prep Date: 5/20/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	468	6.7	666.7	0	70.2	45-110	0			
Acenaphthylene	462.7	6.7	666.7	0	69.4	45-105	0			
Anthracene	569.3	6.7	666.7	0	85.4	55-105	0			
Benzo(a)anthracene	580.3	6.7	666.7	0	87	50-110	0			
Benzo(a)pyrene	607	6.7	666.7	0	91	50-110	0			
Benzo(b)fluoranthene	601	6.7	666.7	0	90.1	45-115	0			
Benzo(g,h,i)perylene	545	6.7	666.7	0	81.7	40-125	0			
Benzo(k)fluoranthene	614.7	6.7	666.7	0	92.2	45-115	0			
Chrysene	575.7	6.7	666.7	0	86.3	55-110	0			
Dibenzo(a,h)anthracene	525.3	6.7	666.7	0	78.8	40-125	0			
Fluoranthene	574.7	6.7	666.7	0	86.2	55-115	0			
Fluorene	493.7	6.7	666.7	0	74	50-110	0			
Indeno(1,2,3-cd)pyrene	517	6.7	666.7	0	77.5	40-120	0			
Naphthalene	411.7	6.7	666.7	0	61.7	40-105	0			
Pyrene	589.3	6.7	666.7	0	88.4	45-125	0			
<i>Surr: 2-Fluorobiphenyl</i>	1071	0	1667	0	64.3	12-100	0			
<i>Surr: 4-Terphenyl-d14</i>	1682	0	1667	0	101	25-137	0			
<i>Surr: Nitrobenzene-d5</i>	1147	0	1667	0	68.8	37-107	0			

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

Client: HRL Compliance Solutions, Inc
Work Order: 1405981
Project: WPX RMV 152-22 Condensate Spill 5.19.14

QC BATCH REPORT

Batch ID: **58821** Instrument ID **SVMS8** Method: **SW8270**

MS				Sample ID: 1405957-01C MS			Units: µg/Kg		Analysis Date: 5/21/2014 01:17 AM	
Client ID:		Run ID: SVMS8_140520A			SeqNo: 2772777		Prep Date: 5/20/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1447	20	1996	0	72.5	45-110	0			
Acenaphthylene	1439	20	1996	0	72.1	45-105	0			
Anthracene	1629	20	1996	0	81.6	55-105	0			
Benzo(a)anthracene	1729	20	1996	71.39	83	50-110	0			
Benzo(a)pyrene	1817	20	1996	65.61	87.8	50-110	0			
Benzo(b)fluoranthene	1749	20	1996	97.44	82.7	45-115	0			
Benzo(g,h,i)perylene	1844	20	1996	59.82	89.4	40-125	0			
Benzo(k)fluoranthene	1714	20	1996	41.49	83.8	45-115	0			
Chrysene	1644	20	1996	78.15	78.4	55-110	0			
Dibenzo(a,h)anthracene	1716	20	1996	17.37	85.1	40-125	0			
Fluoranthene	1728	20	1996	129.3	80.1	55-115	0			
Fluorene	1515	20	1996	0	75.9	50-110	0			
Indeno(1,2,3-cd)pyrene	1823	20	1996	66.57	88	40-120	0			
Naphthalene	1190	20	1996	11.58	59	40-105	0			
Pyrene	1730	20	1996	115.8	80.8	45-125	0			
Surr: 2-Fluorobiphenyl	3206	0	4990	0	64.2	12-100	0			
Surr: 4-Terphenyl-d14	4728	0	4990	0	94.7	25-137	0			
Surr: Nitrobenzene-d5	3370	0	4990	0	67.5	37-107	0			

MSD				Sample ID: 1405957-01C MSD			Units: µg/Kg		Analysis Date: 5/21/2014 01:37 AM	
Client ID:		Run ID: SVMS8_140520A			SeqNo: 2772778		Prep Date: 5/20/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1246	19	1876	0	66.4	45-110	1447	14.9	30	
Acenaphthylene	1259	19	1876	0	67.1	45-105	1439	13.3	30	
Anthracene	1410	19	1876	0	75.2	55-105	1629	14.4	30	
Benzo(a)anthracene	1489	19	1876	71.39	75.6	50-110	1729	14.9	30	
Benzo(a)pyrene	1557	19	1876	65.61	79.5	50-110	1817	15.4	30	
Benzo(b)fluoranthene	1485	19	1876	97.44	74	45-115	1749	16.3	30	
Benzo(g,h,i)perylene	1561	19	1876	59.82	80.1	40-125	1844	16.6	30	
Benzo(k)fluoranthene	1489	19	1876	41.49	77.2	45-115	1714	14	30	
Chrysene	1426	19	1876	78.15	71.9	55-110	1644	14.2	30	
Dibenzo(a,h)anthracene	1463	19	1876	17.37	77.1	40-125	1716	15.9	30	
Fluoranthene	1414	19	1876	129.3	68.5	55-115	1728	19.9	30	
Fluorene	1253	19	1876	0	66.8	50-110	1515	18.9	30	
Indeno(1,2,3-cd)pyrene	1564	19	1876	66.57	79.8	40-120	1823	15.3	30	
Naphthalene	1145	19	1876	11.58	60.4	40-105	1190	3.82	30	
Pyrene	1576	19	1876	115.8	77.8	45-125	1730	9.32	30	
Surr: 2-Fluorobiphenyl	3099	0	4689	0	66.1	12-100	3206	3.4	40	
Surr: 4-Terphenyl-d14	4246	0	4689	0	90.6	25-137	4728	10.7	40	
Surr: Nitrobenzene-d5	3393	0	4689	0	72.4	37-107	3370	0.674	40	

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

Client: HRL Compliance Solutions, Inc
Work Order: 1405981
Project: WPX RMV 152-22 Condensate Spill 5.19.14

QC BATCH REPORT

Batch ID: **58821** Instrument ID **SVMS8** Method: **SW8270**

The following samples were analyzed in this batch:

1405981-01B

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

Client: HRL Compliance Solutions, Inc
Work Order: 1405981
Project: WPX RMV 152-22 Condensate Spill 5.19.14

QC BATCH REPORT

Batch ID: **58823** Instrument ID **VMS6** Method: **SW8260B**

Sample ID: MBLK-58823-58823				Units: µg/Kg			Analysis Date: 5/20/2014 02:09 PM			
Client ID:		Run ID: VMS6_140520A			SeqNo: 2772173		Prep Date: 5/20/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	30								
Ethylbenzene	ND	30								
m,p-Xylene	ND	60								
o-Xylene	ND	30								
Toluene	ND	30								
Xylenes, Total	ND	90								
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>1009</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>101</i>	<i>70-130</i>		<i>0</i>		
<i>Surr: 4-Bromofluorobenzene</i>	<i>993</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>99.3</i>	<i>70-130</i>		<i>0</i>		
<i>Surr: Dibromofluoromethane</i>	<i>987.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>98.8</i>	<i>70-130</i>		<i>0</i>		
<i>Surr: Toluene-d8</i>	<i>1013</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>101</i>	<i>70-130</i>		<i>0</i>		

LCS				Sample ID: LCS-58823-58823			Units: µg/Kg		Analysis Date: 5/20/2014 12:52 PM		
Client ID:		Run ID: VMS6_140520A			SeqNo: 2772172		Prep Date: 5/20/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	970	30	1000	0	97	75-125	0				
Ethylbenzene	992	30	1000	0	99.2	75-125	0				
m,p-Xylene	1968	60	2000	0	98.4	80-125	0				
o-Xylene	980	30	1000	0	98	75-125	0				
Toluene	962	30	1000	0	96.2	70-125	0				
Xylenes, Total	2948	90	3000	0	98.3	75-125	0				
Surr: 1,2-Dichloroethane-d4	976	0	1000	0	97.6	70-130	0				
Surr: 4-Bromofluorobenzene	999.5	0	1000	0	100	70-130	0				
Surr: Dibromofluoromethane	1022	0	1000	0	102	70-130	0				
Surr: Toluene-d8	999	0	1000	0	99.9	70-130	0				

MS					Sample ID: 1405983-03A MS			Units: µg/Kg		Analysis Date: 5/20/2014 10:00 PM	
Client ID:			Run ID: VMS6_140520A			SeqNo: 2772175		Prep Date: 5/20/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	936	30	1000	0	93.6	75-125	0				
Ethylbenzene	947	30	1000	0	94.7	75-125	0				
m,p-Xylene	1896	60	2000	31	93.2	80-125	0				
o-Xylene	954.5	30	1000	0	95.4	75-125	0				
Toluene	918	30	1000	0	91.8	70-125	0				
Xylenes, Total	2850	90	3000	31	94	75-125	0				
Surr: 1,2-Dichloroethane-d4	994.5	0	1000	0	99.4	70-130	0				
Surr: 4-Bromofluorobenzene	1028	0	1000	0	103	70-130	0				
Surr: Dibromofluoromethane	997	0	1000	0	99.7	70-130	0				
Surr: Toluene-d8	1003	0	1000	0	100	70-130	0				

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

Client: HRL Compliance Solutions, Inc
Work Order: 1405981
Project: WPX RMV 152-22 Condensate Spill 5.19.14

QC BATCH REPORT

Batch ID: **58823** Instrument ID **VMS6** Method: **SW8260B**

MSD				Sample ID: 1405983-03A MSD				Units: µg/Kg		Analysis Date: 5/20/2014 10:26 PM		
Client ID:			Run ID: VMS6_140520A			SeqNo: 2772176		Prep Date: 5/20/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual		
Benzene	916	30	1000	0	91.6	75-125	936	2.16	30			
Ethylbenzene	940	30	1000	0	94	75-125	947	0.742	30			
m,p-Xylene	1891	60	2000	31	93	80-125	1896	0.264	30			
o-Xylene	952	30	1000	0	95.2	75-125	954.5	0.262	30			
Toluene	915	30	1000	0	91.5	70-125	918	0.327	30			
Xylenes, Total	2843	90	3000	31	93.7	75-125	2850	0.263	30			
Surr: 1,2-Dichloroethane-d4	989.5	0	1000	0	99	70-130	994.5	0.504	30			
Surr: 4-Bromofluorobenzene	1042	0	1000	0	104	70-130	1028	1.35	30			
Surr: Dibromofluoromethane	999	0	1000	0	99.9	70-130	997	0.2	30			
Surr: Toluene-d8	1002	0	1000	0	100	70-130	1003	0.0499	30			

The following samples were analyzed in this batch: 1405981-01A

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

Client: HRL Compliance Solutions, Inc
Work Order: 1405981
Project: WPX RMV 152-22 Condensate Spill 5.19.14

QC BATCH REPORT

Batch ID: **58849** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK		Sample ID: MBLK-58849-58849				Units: mg/Kg		Analysis Date: 5/21/2014 01:00 PM		
Client ID:		Run ID: WETCHEM_140521F				SeqNo: 2773387		Prep Date: 5/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent ND 0.50

LCS		Sample ID: LCS-58849-58849				Units: mg/Kg		Analysis Date: 5/21/2014 01:00 PM		
Client ID:		Run ID: WETCHEM_140521F				SeqNo: 2773388		Prep Date: 5/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.708 0.50 2 0 85.4 80-120 0

MS		Sample ID: 1405981-01BMS				Units: mg/Kg		Analysis Date: 5/21/2014 01:00 PM		
Client ID: Excavation		Run ID: WETCHEM_140521F				SeqNo: 2773395		Prep Date: 5/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 2.198 0.50 1.984 0.3789 91.7 75-125 0

MS		Sample ID: 1405981-01BMSI				Units: mg/Kg		Analysis Date: 5/21/2014 01:00 PM		
Client ID: Excavation		Run ID: WETCHEM_140521F				SeqNo: 2773397		Prep Date: 5/21/2014		DF: 100
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1169 49 1452 0.3789 80.5 75-125 0

MSD		Sample ID: 1405981-01BMSD				Units: mg/Kg		Analysis Date: 5/21/2014 01:00 PM		
Client ID: Excavation		Run ID: WETCHEM_140521F				SeqNo: 2773396		Prep Date: 5/21/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 2.42 0.49 1.961 0.3789 104 75-125 2.198 9.58 20

The following samples were analyzed in this batch:

1405981-01B

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

Client: HRL Compliance Solutions, Inc
Work Order: 1405981
Project: WPX RMV 152-22 Condensate Spill 5.19.14

QC BATCH REPORT

Batch ID: **58931** Instrument ID **WETCHEM** Method: **SW9045D**

LCS		Sample ID: LCS-58931-58931					Units: s.u.		Analysis Date: 5/22/2014 04:42 PM		
Client ID:			Run ID: WETCHEM_140522P			SeqNo: 2776037		Prep Date: 5/22/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

pH	3.99	0	4	0	99.8	90-110	0			
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DUP				Sample ID: 1405981-01B DUP				Units: s.u.			Analysis Date: 5/22/2014 04:42 PM			
Client ID: Excavation				Run ID: WETCHEM_140522P				SeqNo: 2776053			Prep Date: 5/22/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual				

pH	8.33	0	0	0	0	0-0	8.27	0.723	20	
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DUP		Sample ID: 14051098-01C DUP					Units: s.u.		Analysis Date: 5/22/2014 04:42 PM		
Client ID:			Run ID: WETCHEM_140522P			SeqNo: 2776063		Prep Date: 5/22/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

pH	7.99	0	0	0	0	0-0	7.9	1.13	20	H
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The following samples were analyzed in this batch:

1405981-01B

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

Client: HRL Compliance Solutions, Inc
Work Order: 1405981
Project: WPX RMV 152-22 Condensate Spill 5.19.14

QC BATCH REPORT

Batch ID: **58939** Instrument ID **WETCHEM** Method: **USDA H60 Method**

Dup	Sample ID: 14051131-03B DUP					Units: mmhos/cm @25°C		Analysis Date: 5/28/2014 12:15 PM		
Client ID:	Run ID: WETCHEM_140528B				SeqNo: 2782946		Prep Date: 5/27/2014		DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturation	0.564	0.050	0	0	0		0.606	7.18	50	

The following samples were analyzed in this batch:

1405981-01C

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

Client: HRL Compliance Solutions, Inc
Work Order: 1405981
Project: WPX RMV 152-22 Condensate Spill 5.19.14

QC BATCH REPORT

Batch ID: **R141130** Instrument ID **MOIST** Method: **A2540 G**

MBLK		Sample ID: WBLKS-R141130					Units: % of sample		Analysis Date: 5/20/2014 02:33 PM		
Client ID:		Run ID: MOIST_140520A			SeqNo: 2772162		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-R141130					Units: % of sample		Analysis Date: 5/20/2014 02:33 PM		
Client ID:		Run ID: MOIST_140520A			SeqNo: 2772161		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture 99.99 0.050 100 0 100 99.5-100.5 0

DUP				Sample ID: 1405916-15A DUP				Units: % of sample			Analysis Date: 5/20/2014 02:33 PM			
Client ID:				Run ID: MOIST_140520A				SeqNo: 2772141			Prep Date:		DF: 1	
Analyte				Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 13.26 0.050 0 0 0 0-0 12.84 3.22 20

DUP		Sample ID: 1405983-04B DUP					Units: % of sample		Analysis Date: 5/20/2014 02:33 PM		
Client ID:			Run ID: MOIST_140520A			SeqNo: 2772159		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture 10.82 0.050 0 0 0 0-0 11.1 2.55 20

The following samples were analyzed in this batch:

1405981-01B

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 #

1405981

PAGE

1 of 1

DISPOSAL

By Lab or Return to Client

PROJECT NAME WPX RMV 152-22

SAMPLER Reed Wold

DATE

5/19/14

SITE ID

RMV 152-22

TURNAROUND

24HR

PROJECT No. carbonate leach

EDD FORMAT

PURCHASE ORDER

COMPANY NAME HRL Compliance

BILL TO COMPANY

WPX

SEND REPORT TO Mark Mumby

INVOICE ATTN TO

Karolina Blaney

ADDRESS 2385 F 1/2 Rd

ADDRESS

1058 Co Rd 215

CITY/STATE/ZIP Grand Junction, CO 81506

CITY/STATE/ZIP

Parachure CO 81635

PHONE 970-243-3271

PHONE

970-683-2295

FAX 970-243-3280

FAX

E-MAIL mmumby@hrlcomp.com
rwold@hrlcomp.com

E-MAIL

Karolina.Blaney@wpxenergy.com

BTX/GR
DR/PAH/MTALS
SAR/EL/PA

Lab ID

Field ID

Matrix

Sample Date

Sample Time

Bottles

Pres.

QC

Excavation

SO

5/19/14

10:16

3

8

X X

✓
JWB/5/21/14

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: Hold SAR/EL/PA

3.0°C

QC PACKAGE (check below)

X

LEVEL I (Standard QC)

LEVEL III (Std QC + forms)

LEVEL IV (Std QC + forms + raw data)

RELINQUISHED BY

Reed Wold

PRINTED NAME

Reed Wold

DATE

5/19/14

TIME

2:00

RECEIVED BY

Wold

Wold

5-19-14

2:00

RELINQUISHED BY

Diane F. Shaw

Diane F. Shaw

5/20/14

1000

RECEIVED BY

Diane F. Shaw

Diane F. Shaw

5/20/14

1000

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHCO4 7-Other 8-4 degrees C 9-5035

Sample Receipt Checklist

Client Name: **HRL**

Date/Time Received: **20-May-14 10:00**

Work Order: **1405981**

Received by: **DS**

Checklist completed by Diane Shaw 20-May-14
eSignature Date

Reviewed by: Ann Preston 20-May-14
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>3.0 c</u>		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	<u>5/20/2014 11:19:44 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:

ALS Parachute Custody Seal

Time 1700 Date 5-14

Name D. M. M.

FedEx NEW Package Express US Airbill

8001 2142 2524

0200 Form 10 No.

FedEx Retrieval Copy

1 From Date 5-19

Sender's Name Parachute Phone 616 218-1032

Company AIS

Address 127 E. 7th St.

City Parachute State CO ZIP 81635

2 Your Internal Billing Reference

3 To Recipient's Name Sample Receiving Phone 616 399-6070

Company AIS Lab Group

Address 3352 68th AVE

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

City Holland State MI ZIP 49424-9263

4 Express Package Service *To meet business. NOTE: Service order has changed. Please select carefully.

Next Business Day

06 ☐ FedEx First Overnight

01 ☒ FedEx Priority Overnight

05 ☐ FedEx Standard Overnight

2 or 3 Business Days

49 ☐ NEW FedEx 2Day A.M.

03 ☐ FedEx 2Day

20 ☐ FedEx Express Saver

5 Packaging *Declared value limit \$500.

06 ☐ FedEx Envelope* 02 ☐ FedEx Pak* 03 ☐ FedEx Box 04 ☐ FedEx Tube 01 ☒ Other 24x 36x 13

6 Special Handling and Delivery Signature Options

03 ☐ SATURDAY DELIVERY

☐ No Signature Required

10 ☐ Direct Signature

34 ☐ Indirect Signature

Does this shipment contain dangerous goods?

☒ No 04 ☐ Yes

06 ☐ Dry Ice

☐ Cargo Aircraft Only

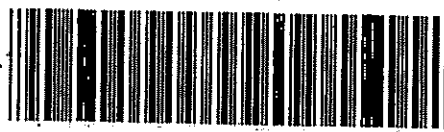
7 Payment BRT to:

1 ☒ Sender 2 ☐ Recipient 3 ☐ Third Party 4 ☐ Credit C 5 ☐ Check

Total Packages 1

Total Weight 55

Credit Card Acct.



8001 2142 2524

612

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