

Legend

- Sample Location
- Existing Road
- Existing Pad Limit of Disturbance

SG 21-27
Arsenic Background Sample Location Map
T7S R96W, Section 27

April 2, 2014





26-Mar-2014

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

Re: **WPX SG21-27 Cuttings 3.21.14**

Work Order: **14031007**

Dear Mark,

ALS Environmental received 1 sample on 22-Mar-2014 10:00 AM for the analyses presented in the following report.

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

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

The total number of pages in this report is 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 SG21-27 Cuttings 3.21.14
Work Order: 14031007

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>
14031007-01	Cuttings	Soil		3/21/2014 16:00	3/22/2014 10:00	<input type="checkbox"/>

Client: HRL Compliance Solutions, Inc
Project: WPX SG21-27 Cuttings 3.21.14
Work Order: 14031007

Case Narrative

Batch 56820 sample 14031007-01 DRO surrogate recovery was high due to matrix interference. No data requires qualification. The MS/MSD data for DRO is not related to this project's samples. No data requires qualification.

Batch 56895MS/MSD data for Hexavalent Chromium 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: 26-Mar-14

Client: HRL Compliance Solutions, Inc
Project: WPX SG21-27 Cuttings 3.21.14
Sample ID: Cuttings
Collection Date: 3/21/2014 04:00 PM

Work Order: 14031007
Lab ID: 14031007-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
			SW8015M		Prep: SW3541 / 3/24/14	Analyst: IT
DRO (C10-C28)	700		5.2	mg/Kg-dry	1	3/25/2014 10:44 AM
Surr: 4-Terphenyl-d14	363	S	39-115	%REC	1	3/25/2014 10:44 AM
GASOLINE RANGE ORGANICS BY GC-FID						
			SW8015		Prep: SW5035 / 3/24/14	Analyst: IT
GRO (C6-C10)	33		3.1	mg/Kg-dry	1	3/24/2014 10:53 PM
Surr: Toluene-d8	101		50-150	%REC	1	3/24/2014 10:53 PM
MERCURY BY CVAA						
			SW7471		Prep: SW7471 / 3/24/14	Analyst: LR
Mercury	0.038		0.020	mg/Kg-dry	1	3/25/2014 01:19 PM
METALS BY ICP-MS						
			SW6020A		Prep: SW3050B / 3/24/14	Analyst: ML
Arsenic	3.0		2.4	mg/Kg-dry	5	3/24/2014 05:08 PM
Barium	3,800		24	mg/Kg-dry	50	3/25/2014 11:55 AM
Cadmium	ND		0.97	mg/Kg-dry	5	3/24/2014 05:08 PM
Chromium	10		2.4	mg/Kg-dry	5	3/24/2014 05:08 PM
Copper	18		2.4	mg/Kg-dry	5	3/24/2014 05:08 PM
Lead	12		2.4	mg/Kg-dry	5	3/24/2014 05:08 PM
Nickel	13		2.4	mg/Kg-dry	5	3/24/2014 05:08 PM
Selenium	3.0		2.4	mg/Kg-dry	5	3/24/2014 05:08 PM
Silver	ND		2.4	mg/Kg-dry	5	3/24/2014 05:08 PM
Zinc	51		4.9	mg/Kg-dry	5	3/24/2014 05:08 PM
SOLUBLE CATIONS FOR SAR						
			SW6020A		Prep: USDA Method 20B / 3/25/14	Analyst: RH
Calcium	660		10	mg/L	20	3/25/2014 02:17 PM
Magnesium	74		4.0	mg/L	20	3/25/2014 02:17 PM
Sodium	1,900		4.0	mg/L	20	3/25/2014 02:17 PM
SODIUM ADSORPTION RATIO						
			USDA H60 METHO		Prep: USDA Method 20B / 3/25/14	Analyst: RH
Sodium Adsorption Ratio	19		0.010	none	1	3/25/2014
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW8270		Prep: SW3541 / 3/24/14	Analyst: RM
Acenaphthene	47		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM
Acenaphthylene	ND		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM
Anthracene	ND		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM
Benzo(a)anthracene	ND		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM
Benzo(a)pyrene	ND		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM
Benzo(b)fluoranthene	ND		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM
Benzo(g,h,i)perylene	ND		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM
Benzo(k)fluoranthene	ND		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM
Chrysene	ND		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM

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

ALS Group USA, Corp

Date: 26-Mar-14

Client: HRL Compliance Solutions, Inc
Project: WPX SG21-27 Cuttings 3.21.14
Sample ID: Cuttings
Collection Date: 3/21/2014 04:00 PM

Work Order: 14031007
Lab ID: 14031007-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Dibenzo(a,h)anthracene	ND		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM
Fluoranthene	ND		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM
Fluorene	ND		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM
Indeno(1,2,3-cd)pyrene	ND		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM
Naphthalene	68		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM
Pyrene	ND		8.3	µg/Kg-dry	1	3/25/2014 01:38 AM
Surr: 2-Fluorobiphenyl	77.6		12-100	%REC	1	3/25/2014 01:38 AM
Surr: 4-Terphenyl-d14	89.0		25-137	%REC	1	3/25/2014 01:38 AM
Surr: Nitrobenzene-d5	69.4		37-107	%REC	1	3/25/2014 01:38 AM
VOLATILE ORGANIC COMPOUNDS			SW8260B	Prep: SW5035 / 3/24/14		Analyst: AK
Benzene	150		37	µg/Kg-dry	1	3/24/2014 06:25 PM
Ethylbenzene	92		37	µg/Kg-dry	1	3/24/2014 06:25 PM
m,p-Xylene	1,100		75	µg/Kg-dry	1	3/24/2014 06:25 PM
o-Xylene	140		37	µg/Kg-dry	1	3/24/2014 06:25 PM
Toluene	340		37	µg/Kg-dry	1	3/24/2014 06:25 PM
Xylenes, Total	1,200		110	µg/Kg-dry	1	3/24/2014 06:25 PM
Surr: 1,2-Dichloroethane-d4	101		70-130	%REC	1	3/24/2014 06:25 PM
Surr: 4-Bromofluorobenzene	103		70-130	%REC	1	3/24/2014 06:25 PM
Surr: Dibromofluoromethane	97.4		70-130	%REC	1	3/24/2014 06:25 PM
Surr: Toluene-d8	104		70-130	%REC	1	3/24/2014 06:25 PM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 METHO	Prep: USDA Method 20B / 3/25/14		Analyst: JB
Electrical Conductivity @ Saturation	14		0.050	mmhos/cm @25	10	3/25/2014 04:00 PM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: JJG
Chromium, Trivalent	9.8		0.62	mg/Kg-dry	1	3/26/2014 08:05 AM
CHROMIUM, HEXAVALENT			SW7196A	Prep: SW3060A / 3/24/14		Analyst: MB
Chromium, Hexavalent	ND		0.62	mg/Kg-dry	1	3/25/2014 03:00 PM
MOISTURE			A2540 G			Analyst: AT
Moisture	20		0.050	% of sample	1	3/24/2014 12:44 PM
PH			SW9045D	Prep: EXTRACT / 3/24/14		Analyst: AT
pH	8.1			s.u.	1	3/24/2014 03:00 PM

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

ALS Group USA, Corp

Date: 26-Mar-14

Client: HRL Compliance Solutions, Inc
Work Order: 14031007
Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **56820** Instrument ID **GC8** Method: **SW8015M**

MBLK		Sample ID: DBLKS1-56820-56820				Units: mg/Kg		Analysis Date: 3/25/2014 01:51 AM		
Client ID:		Run ID: GC8_140324A				SeqNo: 2683337		Prep Date: 3/24/2014		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	1.238	0	1.667	0	74.3	39-115	0			

LCS		Sample ID: DLCSS1-56820-56820				Units: mg/Kg		Analysis Date: 3/25/2014 02:21 AM		
Client ID:		Run ID: GC8_140324A				SeqNo: 2683341		Prep Date: 3/24/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	148.6	4.2	166.7	0	89.1	49-124	0			
Surr: 4-Terphenyl-d14	1.224	0	1.667	0	73.5	39-115	0			

MS		Sample ID: 1403950-07A MS				Units: mg/Kg		Analysis Date: 3/25/2014 02:51 AM		
Client ID:		Run ID: GC8_140324A				SeqNo: 2683342		Prep Date: 3/24/2014		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	585.2	82	328.8	188.2	121	49-130	0			
Surr: 4-Terphenyl-d14	2.677	0	3.288	0	81.4	39-115	0			

MSD		Sample ID: 1403950-07A MSD				Units: mg/Kg		Analysis Date: 3/25/2014 03:21 AM		
Client ID:		Run ID: GC8_140324A				SeqNo: 2683343		Prep Date: 3/24/2014		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	797.6	83	330.3	188.2	185	49-130	585.2	30.7	30	SR
Surr: 4-Terphenyl-d14	2.285	0	3.303	0	69.2	39-115	2.677	15.8	30	

The following samples were analyzed in this batch:

14031007-01B

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031007
Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **56824** Instrument ID **GC9** Method: **SW8015**

MBLK		Sample ID: MBLK-56824-56824				Units: µg/Kg		Analysis Date: 3/24/2014 08:20 PM		
Client ID:		Run ID: GC9_140324B				SeqNo: 2683447		Prep Date: 3/24/2014		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								
<i>Surr: Toluene-d8</i>	5778	0	5000	0	116	50-150	0			

LCS		Sample ID: LCS-56824-56824				Units: µg/Kg		Analysis Date: 3/24/2014 07:54 PM		
Client ID:		Run ID: GC9_140324B				SeqNo: 2683446		Prep Date: 3/24/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	531400	2,500	500000	0	106	70-130	0			
<i>Surr: Toluene-d8</i>	4124	0	5000	0	82.5	50-150	0			

MS		Sample ID: 14031002-02B MS				Units: µg/Kg		Analysis Date: 3/25/2014 05:57 AM		
Client ID:		Run ID: GC9_140324B				SeqNo: 2683477		Prep Date: 3/24/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	550200	2,500	500000	0	110	70-130	0			
<i>Surr: Toluene-d8</i>	5148	0	5000	0	103	50-150	0			

MSD		Sample ID: 14031002-02B MSD				Units: µg/Kg		Analysis Date: 3/25/2014 06:22 AM		
Client ID:		Run ID: GC9_140324B				SeqNo: 2683479		Prep Date: 3/24/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	544900	2,500	500000	0	109	70-130	550200	0.952	30	
<i>Surr: Toluene-d8</i>	4870	0	5000	0	97.4	50-150	5148	5.53	30	

The following samples were analyzed in this batch:

14031007-01A

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031007
Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **56847** Instrument ID **HG1** Method: **SW7471**

MBLK		Sample ID: MBLK-56847-56847					Units: mg/Kg		Analysis Date: 3/24/2014 03:19 PM		
Client ID:			Run ID: HG1_140324A				SeqNo: 2682331		Prep Date: 3/24/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Mercury ND 0.020

LCS		Sample ID: LCS-56847-56847				Units: mg/Kg		Analysis Date: 3/24/2014 03:21 PM		
Client ID:		Run ID: HG1_140324A				SeqNo: 2682332		Prep Date: 3/24/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1705 0.020 0.1665 0 102 80-120 0

MS		Sample ID: 14031033-04BMS					Units: mg/Kg		Analysis Date: 3/24/2014 03:37 PM		
Client ID:			Run ID: HG1_140324A			SeqNo: 2682339		Prep Date: 3/24/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Mercury 0.1175 0.014 0.1185 0.001495 97.9 75-125 0

MSD		Sample ID: 14031033-04BMSD				Units: mg/Kg		Analysis Date: 3/24/2014 03:17 PM		
Client ID:			Run ID: HG1_140324A			SeqNo: 2682330		Prep Date: 3/24/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1308 0.014 0.117 0.001495 111 75-125 0.1175 10.7 35

The following samples were analyzed in this batch:

14031007-01B

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031007
Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **56802** Instrument ID **ICPMS2** Method: **SW6020A**

DUP		Sample ID: 1403947-02BDUP				Units: mg/L		Analysis Date: 3/25/2014 02:34 PM		
Client ID:		Run ID: ICPMS2_140325A				SeqNo: 2684164		Prep Date:		DF: 20
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	542.4	10	0	0	0	0-0	540.6	0.332		
Magnesium	37.62	4.0	0	0	0	0-0	38.08	1.22		
Sodium	7.598	4.0	0	0	0	0-0	7.104	6.72		

DUP		Sample ID: 1403947-02BDUP				Units: none		Analysis Date: 3/25/2014		
Client ID:		Run ID: SAR_140325A				SeqNo: 2684170		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium Adsorption Ratio	0.0851	0.010	0	0	0		0.07968	6.58	50	

The following samples were analyzed in this batch:

14031007-01C

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031007
Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **56834** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK Sample ID: MBLK-56834-56834				Units: mg/Kg		Analysis Date: 3/24/2014 04:56 PM				
Client ID:		Run ID: ICPMS1_140324A		SeqNo: 2683154		Prep Date: 3/24/2014		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	0.02563	0.25								J
Cadmium	ND	0.10								
Chromium	ND	0.25								
Copper	0.06775	0.25								J
Lead	0.01062	0.25								J
Nickel	ND	0.25								
Selenium	0.0323	0.25								J
Silver	ND	0.25								
Zinc	0.0512	0.50								J

LCS Sample ID: LCS-56834-56834				Units: mg/Kg		Analysis Date: 3/24/2014 05:02 PM				
Client ID:		Run ID: ICPMS1_140324A		SeqNo: 2683155		Prep Date: 3/24/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.694	0.25	5	0	93.9	80-120	0			
Barium	4.954	0.25	5	0	99.1	80-120	0			
Cadmium	4.853	0.10	5	0	97.1	80-120	0			
Chromium	4.802	0.25	5	0	96	80-120	0			
Copper	4.842	0.25	5	0	96.8	80-120	0			
Lead	4.975	0.25	5	0	99.5	80-120	0			
Nickel	4.691	0.25	5	0	93.8	80-120	0			
Selenium	4.484	0.25	5	0	89.7	80-120	0			
Silver	4.716	0.25	5	0	94.3	80-120	0			
Zinc	4.634	0.50	5	0	92.7	80-120	0			

MS Sample ID: 14031033-03BMS				Units: mg/Kg		Analysis Date: 3/24/2014 05:59 PM				
Client ID:		Run ID: ICPMS1_140324A		SeqNo: 2683171		Prep Date: 3/24/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	7.271	0.37	7.396	0.4322	92.5	75-125	0			
Barium	16.06	0.37	7.396	7.34	118	75-125	0			
Cadmium	7.243	0.15	7.396	0.006218	97.8	75-125	0			
Chromium	10.2	0.37	7.396	2.754	101	75-125	0			
Copper	9.305	0.37	7.396	2.39	93.5	75-125	0			
Lead	8.476	0.37	7.396	0.9927	101	75-125	0			
Nickel	10.1	0.37	7.396	3.027	95.7	75-125	0			
Selenium	7.015	0.37	7.396	0.3148	90.6	75-125	0			
Silver	6.761	0.37	7.396	0.00004958	91.4	75-125	0			
Zinc	13.12	0.74	7.396	5.713	100	75-125	0			

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031007
Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **56834** Instrument ID **ICPMS1** Method: **SW6020A**

MSD		Sample ID: 14031033-03BMSD				Units: mg/Kg		Analysis Date: 3/24/2014 06:05 PM		
Client ID:		Run ID: ICPMS1_140324A				SeqNo: 2683174		Prep Date: 3/24/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	7.093	0.36	7.236	0.4322	92	75-125	7.271	2.48	25	
Barium	16.06	0.36	7.236	7.34	121	75-125	16.06	0.0373	25	
Cadmium	7.043	0.14	7.236	0.006218	97.2	75-125	7.243	2.81	25	
Chromium	10.17	0.36	7.236	2.754	103	75-125	10.2	0.256	25	
Copper	9.096	0.36	7.236	2.39	92.7	75-125	9.305	2.27	25	
Lead	8.3	0.36	7.236	0.9927	101	75-125	8.476	2.11	25	
Nickel	9.834	0.36	7.236	3.027	94.1	75-125	10.1	2.71	25	
Selenium	6.931	0.36	7.236	0.3148	91.4	75-125	7.015	1.21	25	
Silver	6.609	0.36	7.236	0.00004958	91.3	75-125	6.761	2.28	25	
Zinc	12.47	0.72	7.236	5.713	93.4	75-125	13.12	5.05	25	

The following samples were analyzed in this batch:

14031007-01B

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031007
Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **56819** Instrument ID **SVMS8** Method: **SW8270**

MBLK		Sample ID: SBLKS1-56819-56819				Units: µg/Kg		Analysis Date: 3/24/2014 11:56 PM		
Client ID:		Run ID: SVMS8_140324B				SeqNo: 2684409		Prep Date: 3/24/2014		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>	1300	0	1667	0	78	12-100	0			
<i>Surr: 4-Terphenyl-d14</i>	1458	0	1667	0	87.5	25-137	0			
<i>Surr: Nitrobenzene-d5</i>	1242	0	1667	0	74.5	37-107	0			

LCS		Sample ID: SLCSS1-56819-56819				Units: µg/Kg		Analysis Date: 3/25/2014 12:16 AM		
Client ID:		Run ID: SVMS8_140324B				SeqNo: 2684410		Prep Date: 3/24/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	404.7	6.7	666.7	0	60.7	45-110	0			
Acenaphthylene	449.3	6.7	666.7	0	67.4	45-105	0			
Anthracene	593.3	6.7	666.7	0	89	55-105	0			
Benzo(a)anthracene	619	6.7	666.7	0	92.8	50-110	0			
Benzo(a)pyrene	657	6.7	666.7	0	98.5	50-110	0			
Benzo(b)fluoranthene	620.3	6.7	666.7	0	93	45-115	0			
Benzo(g,h,i)perylene	608.3	6.7	666.7	0	91.2	40-125	0			
Benzo(k)fluoranthene	583	6.7	666.7	0	87.4	45-115	0			
Chrysene	577	6.7	666.7	0	86.5	55-110	0			
Dibenzo(a,h)anthracene	637.7	6.7	666.7	0	95.6	40-125	0			
Fluoranthene	611	6.7	666.7	0	91.6	55-115	0			
Fluorene	472.3	6.7	666.7	0	70.8	50-110	0			
Indeno(1,2,3-cd)pyrene	677	6.7	666.7	0	102	40-120	0			
Naphthalene	376.3	6.7	666.7	0	56.4	40-105	0			
Pyrene	559	6.7	666.7	0	83.8	45-125	0			
<i>Surr: 2-Fluorobiphenyl</i>	1012	0	1667	0	60.7	12-100	0			
<i>Surr: 4-Terphenyl-d14</i>	1456	0	1667	0	87.3	25-137	0			
<i>Surr: Nitrobenzene-d5</i>	975.3	0	1667	0	58.5	37-107	0			

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031007
Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **56819** Instrument ID **SVMS8** Method: **SW8270**

MS				Sample ID: 1403950-07A MS			Units: µg/Kg		Analysis Date: 3/25/2014 12:37 AM	
Client ID:				Run ID: SVMS8_140324B			SeqNo: 2684411		Prep Date: 3/24/2014	
							DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	999.7	13	1293	0	77.3	45-110	0			
Acenaphthylene	1123	13	1293	0	86.8	45-105	0			
Anthracene	1201	13	1293	0	92.8	55-105	0			
Benzo(a)anthracene	1225	13	1293	0	94.7	50-110	0			
Benzo(a)pyrene	1261	13	1293	0	97.5	50-110	0			
Benzo(b)fluoranthene	1195	13	1293	0	92.4	45-115	0			
Benzo(g,h,i)perylene	1152	13	1293	0	89	40-125	0			
Benzo(k)fluoranthene	1140	13	1293	0	88.1	45-115	0			
Chrysene	1121	13	1293	0	86.6	55-110	0			
Dibenzo(a,h)anthracene	1250	13	1293	0	96.6	40-125	0			
Fluoranthene	1222	13	1293	0	94.5	55-115	0			
Fluorene	1121	13	1293	0	86.6	50-110	0			
Indeno(1,2,3-cd)pyrene	1335	13	1293	0	103	40-120	0			
Naphthalene	862	13	1293	0	66.6	40-105	0			
Pyrene	1108	13	1293	0	85.7	45-125	0			
Surr: 2-Fluorobiphenyl	2544	0	3233	0	78.7	12-100	0			
Surr: 4-Terphenyl-d14	2890	0	3233	0	89.4	25-137	0			
Surr: Nitrobenzene-d5	2217	0	3233	0	68.6	37-107	0			

MSD				Sample ID: 1403950-07A MSD			Units: µg/Kg		Analysis Date: 3/25/2014 12:57 AM	
Client ID:				Run ID: SVMS8_140324B			SeqNo: 2684412		Prep Date: 3/24/2014	
							DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1042	13	1315	0	79.2	45-110	999.7	4.11	30	
Acenaphthylene	1153	13	1315	0	87.7	45-105	1123	2.6	30	
Anthracene	1242	13	1315	0	94.5	55-105	1201	3.38	30	
Benzo(a)anthracene	1240	13	1315	0	94.3	50-110	1225	1.2	30	
Benzo(a)pyrene	1283	13	1315	0	97.6	50-110	1261	1.73	30	
Benzo(b)fluoranthene	1214	13	1315	0	92.3	45-115	1195	1.57	30	
Benzo(g,h,i)perylene	1128	13	1315	0	85.8	40-125	1152	2.04	30	
Benzo(k)fluoranthene	1156	13	1315	0	87.9	45-115	1140	1.4	30	
Chrysene	1140	13	1315	0	86.7	55-110	1121	1.74	30	
Dibenzo(a,h)anthracene	1242	13	1315	0	94.4	40-125	1250	0.679	30	
Fluoranthene	1256	13	1315	0	95.5	55-115	1222	2.73	30	
Fluorene	1136	13	1315	0	86.4	50-110	1121	1.39	30	
Indeno(1,2,3-cd)pyrene	1334	13	1315	0	101	40-120	1335	0.135	30	
Naphthalene	878.1	13	1315	0	66.8	40-105	862	1.85	30	
Pyrene	1140	13	1315	0	86.7	45-125	1108	2.78	30	
Surr: 2-Fluorobiphenyl	2588	0	3286	0	78.8	12-100	2544	1.72	40	
Surr: 4-Terphenyl-d14	2959	0	3286	0	90	25-137	2890	2.36	40	
Surr: Nitrobenzene-d5	2294	0	3286	0	69.8	37-107	2217	3.41	40	

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031007
Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **56819** Instrument ID **SVMS8** Method: **SW8270**

The following samples were analyzed in this batch:

14031007- 01B

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

Client: HRL Compliance Solutions, Inc
 Work Order: 14031007
 Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **56823** Instrument ID **VMS5** Method: **SW8260B**

MBLK				Sample ID: MBLK-56823-56823				Units: µg/Kg			Analysis Date: 3/24/2014 01:31 PM			
Client ID:				Run ID: VMS5_140324A				SeqNo: 2682420			Prep Date: 3/24/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual				
Benzene	ND	30												
Ethylbenzene	ND	30												
m,p-Xylene	ND	60												
o-Xylene	ND	30												
Toluene	ND	30												
Xylenes, Total	ND	90												
Surr: 1,2-Dichloroethane-d4	1012	0	1000	0	101	70-130		0						
Surr: 4-Bromofluorobenzene	980.5	0	1000	0	98	70-130		0						
Surr: Dibromofluoromethane	1003	0	1000	0	100	70-130		0						
Surr: Toluene-d8	996.5	0	1000	0	99.6	70-130		0						

LCS				Sample ID: LCS-56823-56823			Units: µg/Kg		Analysis Date: 3/24/2014 12:12 PM		
Client ID:		Run ID: VMS5_140324A			SeqNo: 2682416		Prep Date: 3/24/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	958.5	30	1000	0	95.8	75-125	0				
Ethylbenzene	975	30	1000	0	97.5	75-125	0				
m,p-Xylene	1919	60	2000	0	96	80-125	0				
o-Xylene	979	30	1000	0	97.9	75-125	0				
Toluene	942	30	1000	0	94.2	70-125	0				
Xylenes, Total	2898	90	3000	0	96.6	75-125	0				
Surr: 1,2-Dichloroethane-d4	1001	0	1000	0	100	70-130	0				
Surr: 4-Bromofluorobenzene	996	0	1000	0	99.6	70-130	0				
Surr: Dibromofluoromethane	1004	0	1000	0	100	70-130	0				
Surr: Toluene-d8	982	0	1000	0	98.2	70-130	0				

MS				Sample ID: 1403976-08A MS				Units: µg/Kg		Analysis Date: 3/25/2014 11:00 AM	
Client ID:			Run ID: VMS6_140324B			SeqNo: 2683860		Prep Date: 3/24/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	1238	33	1095	0	113	75-125	0				
Ethylbenzene	1173	33	1095	0	107	75-125	0				
m,p-Xylene	2340	66	2191	0	107	80-125	0				
o-Xylene	1169	33	1095	0	107	75-125	0				
Toluene	1154	33	1095	0	105	70-125	0				
Xylenes, Total	3508	99	3286	0	107	75-125	0				
Surr: 1,2-Dichloroethane-d4	1084	0	1095	0	99	70-130	0				
Surr: 4-Bromofluorobenzene	1152	0	1095	0	105	70-130	0				
Surr: Dibromofluoromethane	1082	0	1095	0	98.8	70-130	0				
Surr: Toluene-d8	1068	0	1095	0	97.6	70-130	0				

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031007
Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **56823** Instrument ID **VMS5** Method: **SW8260B**

MSD				Sample ID: 1403976-08A MSD			Units: µg/Kg		Analysis Date: 3/25/2014 11:26 AM	
Client ID:				Run ID: VMS6_140324B			SeqNo: 2683861		Prep Date: 3/24/2014	
									DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1170	33	1095	0	107	75-125	1238	5.69	30	
Ethylbenzene	1116	33	1095	0	102	75-125	1173	5.03	30	
m,p-Xylene	2215	66	2191	0	101	80-125	2340	5.48	30	
o-Xylene	1100	33	1095	0	100	75-125	1169	6.03	30	
Toluene	1084	33	1095	0	99	70-125	1154	6.31	30	
Xylenes, Total	3315	99	3286	0	101	75-125	3508	5.67	30	
Surr: 1,2-Dichloroethane-d4	1071	0	1095	0	97.8	70-130	1084	1.22	30	
Surr: 4-Bromofluorobenzene	1145	0	1095	0	105	70-130	1152	0.62	30	
Surr: Dibromofluoromethane	1087	0	1095	0	99.2	70-130	1082	0.505	30	
Surr: Toluene-d8	1041	0	1095	0	95	70-130	1068	2.65	30	

The following samples were analyzed in this batch:

14031007-01A

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031007
Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **56802** Instrument ID **WETCHEM** Method: **USDA H60 Method**

DUP		Sample ID: 1403947-02B DUP				Units: mmhos/cm @25°C		Analysis Date: 3/25/2014 04:00 PM		
Client ID:		Run ID: WETCHEM_140325I				SeqNo: 2684481		Prep Date: 3/25/2014		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturation	3.43	0.050	0	0	0		3.62	5.39	50	

The following samples were analyzed in this batch:

14031007-01C

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031007
Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **56851** Instrument ID **WETCHEM** Method: **SW9045D**

LCS		Sample ID: LCS-56851-56851					Units: s.u.		Analysis Date: 3/24/2014 03:00 PM		
Client ID:			Run ID: WETCHEM_140324P			SeqNo: 2682822		Prep Date: 3/24/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

pH 3.98 0 4 0 99.5 90-110 0

DUP		Sample ID: 1403950-03A DUP					Units: s.u.		Analysis Date: 3/24/2014 03:00 PM		
Client ID:		Run ID: WETCHEM_140324P			SeqNo: 2682836		Prep Date: 3/24/2014		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

pH 8.68 0 0 0 0 0-0 8.66 0.231 20

DUP		Sample ID: 1403947-02A DUP					Units: s.u.		Analysis Date: 3/24/2014 03:00 PM		
Client ID:			Run ID: WETCHEM_140324P			SeqNo: 2682847		Prep Date: 3/24/2014		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

pH 7.68 0 0 0 0 0-0 7.62 0.784 20

The following samples were analyzed in this batch:

14031007-01B

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031007
Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **56895** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK		Sample ID: MBLK-56895-56895				Units: mg/Kg		Analysis Date: 3/25/2014 03:00 PM		
Client ID:		Run ID: WETCHEM_140325Q				SeqNo: 2684660		Prep Date: 3/24/2014		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-56895-56895				Units: mg/Kg		Analysis Date: 3/25/2014 03:00 PM		
Client ID:		Run ID: WETCHEM_140325Q				SeqNo: 2684659		Prep Date: 3/24/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1.76 0.50 2 0 88 80-120 0

MS		Sample ID: 1403950-07A MS				Units: mg/Kg		Analysis Date: 3/25/2014 03:00 PM		
Client ID:		Run ID: WETCHEM_140325Q				SeqNo: 2684655		Prep Date: 3/24/2014		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 1.992 0 0 75-125 0 S

MS		Sample ID: 1403950-07A MSI				Units: mg/Kg		Analysis Date: 3/25/2014 03:00 PM		
Client ID:		Run ID: WETCHEM_140325Q				SeqNo: 2684657		Prep Date: 3/24/2014		DF: 100
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 835.3 49 1186 0 70.4 75-125 0 S

MSD		Sample ID: 1403950-07A MSD				Units: mg/Kg		Analysis Date: 3/25/2014 03:00 PM		
Client ID:		Run ID: WETCHEM_140325Q				SeqNo: 2684656		Prep Date: 3/24/2014		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 2 0 0 75-125 0.1195 0 20 S

The following samples were analyzed in this batch:

14031007-01B

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031007
Project: WPX SG21-27 Cuttings 3.21.14

QC BATCH REPORT

Batch ID: **R137688** Instrument ID **MOIST** Method: **A2540 G**

MBLK		Sample ID: WBLKS-R137688				Units: % of sample		Analysis Date: 3/24/2014 12:44 PM		
Client ID:		Run ID: MOIST_140324C				SeqNo: 2683835		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-R137688				Units: % of sample		Analysis Date: 3/24/2014 12:44 PM		
Client ID:		Run ID: MOIST_140324C				SeqNo: 2683832		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: 1403925-01A DUP				Units: % of sample		Analysis Date: 3/24/2014 12:44 PM		
Client ID:		Run ID: MOIST_140324C				SeqNo: 2683797		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 0.64 0.050 0 0 0 0-0 0.65 1.55 20

DUP		Sample ID: 1403950-07A DUP				Units: % of sample		Analysis Date: 3/24/2014 12:44 PM		
Client ID:		Run ID: MOIST_140324C				SeqNo: 2683800		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 9.7 0.050 0 0 0 0-0 9.68 0.206 20

The following samples were analyzed in this batch:

14031007-01B

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

Chain-of-Custody

Form 202r8

WORKORDER
#

14031007

PAGE

1 of 1


DISPOSAL

By Lab or Return to Client

[illegible]

*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: See attached Table for Analytical Data <div style="text-align: right;">3.6² </div>	QC PACKAGE (check below)	
	X	LEVEL II (Standard QC)
		LEVEL III (Std QC + forms)
		LEVEL IV (Std QC + forms + raw data)
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-NaHSO ₄ 7-Other 8-4 degrees C 9-5035		

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	<i>Randy Wald</i>	<i>Randy Wald</i>	3/21/14	4:00
RECEIVED BY	<i>G B</i>	Colby Koerner	3/21/14	1600
RELINQUISHED BY	<i>G B</i>	Colby Koerner	3/21/14	1620
RECEIVED BY	FedEx	<i>[Signature]</i>	3/22/14	1000
RELINQUISHED BY				
RECEIVED BY				

Sample Receipt Checklist

Client Name: **HRL**

Date/Time Received: **22-Mar-14 10:00**

Work Order: **14031007**

Received by: **KRW**

Checklist completed by Keith Wurenga
eSignature

22-Mar-14
Date

Reviewed by: Ann Preston
eSignature

24-Mar-14
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>3.6 C</u>		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	<u>3/22/2014 10:38:05 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) 424-4740
Lab Hub, LLC
127 E First Street
PARACHUTE, CO 81635

Origin ID: RILA



Ship Date: 21MAR14
ActWgt: 29.0 LB
CAD: 103923490/NET3490
Dims: 19 X 11 X 13 IN

Delivery Address Bar Code



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

BILL RECIPIENT

HOLLAND, MI 49424

Ref # 1001-032114-6
Invoice #
PO #
Dept #

SATURDAY 12:00P
PRIORITY OVERNIGHT

TRKW 7983 0275 7659
0201

49424
MI-US
GRR

X0 GRRRA



522G1C04F7220

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Seal Broken By:	Date:	CUSTODY SEAL		Name: _____ Company: _____ Date: 3/21/14 Time: 1:00	ALS Environmental 3852 128th Avenue Holland, Michigan 49424 Tel. +1 616 399 6070 Fax. +1 616 399 6185	



31-Mar-2014

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

Re: **WPX SG 21-27 Cuttings 3.26.14**

Work Order: **14031236**

Dear Mark,

ALS Environmental received 6 samples on 27-Mar-2014 09:00 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 16.

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 SG 21-27 Cuttings 3.26.14
Work Order: 14031236

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>
14031236-01	SG 21-27 Cuttings	Soil		3/26/2014 11:00	3/27/2014 09:00	<input type="checkbox"/>
14031236-02	SG 21-27-B-1	Soil		3/26/2014 11:10	3/27/2014 09:00	<input type="checkbox"/>
14031236-03	SG 21-27 B-2	Soil		3/26/2014 11:15	3/27/2014 09:00	<input type="checkbox"/>
14031236-04	SG 21-27 B-3	Soil		3/26/2014 11:20	3/27/2014 09:00	<input type="checkbox"/>
14031236-05	SG 21-27 B-4	Soil		3/26/2014 11:25	3/27/2014 09:00	<input type="checkbox"/>
14031236-06	SG 21-27 B-5	Soil		3/26/2014 11:30	3/27/2014 09:00	<input type="checkbox"/>

Client: HRL Compliance Solutions, Inc
Project: WPX SG 21-27 Cuttings 3.26.14
WorkOrder: 14031236

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
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
mg/Kg-dry	Milligrams per Kilogram Dry Weight

ALS Group USA, Corp**Date:** 31-Mar-14

Client: HRL Compliance Solutions, Inc
Project: WPX SG 21-27 Cuttings 3.26.14
Sample ID: SG 21-27 Cuttings
Collection Date: 3/26/2014 11:00 AM

Work Order: 14031236
Lab ID: 14031236-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
DRO (C10-C28)	31		SW8015M		Prep: SW3541 / 3/27/14	Analyst: IT
			4.6	mg/Kg-dry	1	3/27/2014 07:27 PM
<i>Surr: 4-Terphenyl-d14</i>	<i>70.9</i>		<i>39-115</i>	<i>%REC</i>	<i>1</i>	3/27/2014 07:27 PM
GASOLINE RANGE ORGANICS BY GC-FID						
GRO (C6-C10)	ND		SW8015		Prep: SW5035 / 3/27/14	Analyst: IT
			2.9	mg/Kg-dry	1	3/28/2014 03:22 AM
<i>Surr: Toluene-d8</i>	<i>109</i>		<i>50-150</i>	<i>%REC</i>	<i>1</i>	3/28/2014 03:22 AM
MOISTURE						
Moisture	12		A2540 G			Analyst: AT
			0.050	% of sample	1	3/27/2014 02:29 PM

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

ALS Group USA, Corp

Date: 31-Mar-14

Client: HRL Compliance Solutions, Inc
Project: WPX SG 21-27 Cuttings 3.26.14
Sample ID: SG 21-27-B-1
Collection Date: 3/26/2014 11:10 AM

Work Order: 14031236
Lab ID: 14031236-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			SW6020A		Prep: SW3050B / 3/27/14	Analyst: ML
Arsenic	12		1.9	mg/Kg-dry	5	3/27/2014 07:03 PM
MOISTURE			A2540 G			Analyst: AT
Moisture	6.7		0.050	% of sample	1	3/27/2014 02:29 PM

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

ALS Group USA, Corp

Date: 31-Mar-14

Client: HRL Compliance Solutions, Inc
Project: WPX SG 21-27 Cuttings 3.26.14
Sample ID: SG 21-27 B-2
Collection Date: 3/26/2014 11:15 AM

Work Order: 14031236
Lab ID: 14031236-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<hr/>						
METALS BY ICP-MS			SW6020A		Prep: SW3050B / 3/27/14	Analyst: ML
Arsenic	2.6		1.9	mg/Kg-dry	5	3/27/2014 07:09 PM
MOISTURE			A2540 G			Analyst: AT
Moisture	0.88		0.050	% of sample	1	3/27/2014 02:29 PM

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

ALS Group USA, Corp

Date: 31-Mar-14

Client: HRL Compliance Solutions, Inc
Project: WPX SG 21-27 Cuttings 3.26.14
Sample ID: SG 21-27 B-3
Collection Date: 3/26/2014 11:20 AM

Work Order: 14031236
Lab ID: 14031236-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<hr/>						
METALS BY ICP-MS			SW6020A		Prep: SW3050B / 3/27/14	Analyst: ML
Arsenic	5.7		1.9	mg/Kg-dry	5	3/27/2014 07:15 PM
MOISTURE			A2540 G			Analyst: AT
Moisture	3.5		0.050	% of sample	1	3/27/2014 02:29 PM

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

ALS Group USA, Corp

Date: 31-Mar-14

Client: HRL Compliance Solutions, Inc
Project: WPX SG 21-27 Cuttings 3.26.14
Sample ID: SG 21-27 B-4
Collection Date: 3/26/2014 11:25 AM

Work Order: 14031236
Lab ID: 14031236-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<hr/>						
METALS BY ICP-MS			SW6020A		Prep: SW3050B / 3/27/14	Analyst: ML
Arsenic	4.0		1.7	mg/L-dry	5	3/28/2014 06:31 PM
MOISTURE			A2540 G			Analyst: AT
Moisture	3.9		0.050	% of sample	1	3/27/2014 02:29 PM

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

ALS Group USA, Corp

Date: 31-Mar-14

Client: HRL Compliance Solutions, Inc
Project: WPX SG 21-27 Cuttings 3.26.14
Sample ID: SG 21-27 B-5
Collection Date: 3/26/2014 11:30 AM

Work Order: 14031236
Lab ID: 14031236-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<hr/>						
METALS BY ICP-MS			SW6020A		Prep: SW3050B / 3/27/14	Analyst: ML
Arsenic	4.7		1.9	mg/L-dry	5	3/28/2014 06:37 PM
MOISTURE			A2540 G			Analyst: AT
Moisture	6.1		0.050	% of sample	1	3/27/2014 02:29 PM

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

ALS Group USA, Corp

Date: 31-Mar-14

Client: HRL Compliance Solutions, Inc
Work Order: 14031236
Project: WPX SG 21-27 Cuttings 3.26.14

QC BATCH REPORT

Batch ID: **56964** Instrument ID **GC8** Method: **SW8015M**

MBLK		Sample ID: DBLKS1-56964-56964				Units: mg/Kg		Analysis Date: 3/27/2014 05:28 PM		
Client ID:		Run ID: GC8_140327A				SeqNo: 2688208		Prep Date: 3/27/2014		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	1.045	0	1.667	0	62.7	39-115	0			

LCS		Sample ID: DLCSS1-56964-56964				Units: mg/Kg		Analysis Date: 3/27/2014 05:58 PM		
Client ID:		Run ID: GC8_140327A				SeqNo: 2688210		Prep Date: 3/27/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	129.1	4.2	166.7	0	77.5	49-124	0			
Surr: 4-Terphenyl-d14	1.025	0	1.667	0	61.5	39-115	0			

MS		Sample ID: 14031236-01A MS				Units: mg/Kg		Analysis Date: 3/27/2014 06:27 PM		
Client ID: SG 21-27 Cuttings		Run ID: GC8_140327A				SeqNo: 2688212		Prep Date: 3/27/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	309.1	8.0	319.5	27.16	88.2	49-130	0			
Surr: 4-Terphenyl-d14	2.639	0	3.195	0	82.6	39-115	0			

MSD		Sample ID: 14031236-01A MSD				Units: mg/Kg		Analysis Date: 3/27/2014 06:57 PM		
Client ID: SG 21-27 Cuttings		Run ID: GC8_140327A				SeqNo: 2688214		Prep Date: 3/27/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	278.9	8.0	320.2	27.16	78.6	49-130	309.1	10.2	30	
Surr: 4-Terphenyl-d14	2.401	0	3.202	0	75	39-115	2.639	9.47	30	

The following samples were analyzed in this batch:

14031236-01A

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031236
Project: WPX SG 21-27 Cuttings 3.26.14

QC BATCH REPORT

Batch ID: **56963** Instrument ID **GC9** Method: **SW8015**

MBLK		Sample ID: MBLK-56963-56963				Units: µg/Kg		Analysis Date: 3/27/2014 06:54 PM		
Client ID:		Run ID: GC9_140327A				SeqNo: 2688298		Prep Date: 3/27/2014		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	5738	0	5000	0	115	50-150	0			

LCS		Sample ID: LCS-56963-56963				Units: µg/Kg		Analysis Date: 3/27/2014 05:37 PM		
Client ID:		Run ID: GC9_140327A				SeqNo: 2688297		Prep Date: 3/27/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	518600	2,500	500000	0	104	70-130	0			
Surr: Toluene-d8	4245	0	5000	0	84.9	50-150	0			

MS		Sample ID: 14031235-01A MS				Units: µg/Kg		Analysis Date: 3/28/2014 03:47 AM		
Client ID:		Run ID: GC9_140327A				SeqNo: 2688304		Prep Date: 3/27/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	540400	2,500	500000	59660	96.2	70-130	0			
Surr: Toluene-d8	4882	0	5000	0	97.6	50-150	0			

MSD		Sample ID: 14031235-01A MSD				Units: µg/Kg		Analysis Date: 3/28/2014 04:13 AM		
Client ID:		Run ID: GC9_140327A				SeqNo: 2688305		Prep Date: 3/27/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	507900	2,500	500000	59660	89.6	70-130	540400	6.2	30	
Surr: Toluene-d8	4483	0	5000	0	89.7	50-150	4882	8.51	30	

The following samples were analyzed in this batch:

14031236-01A

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031236
Project: WPX SG 21-27 Cuttings 3.26.14

QC BATCH REPORT

Batch ID: **56958** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK		Sample ID: MBLK-56958-56958				Units: mg/Kg		Analysis Date: 3/27/2014 04:06 PM		
Client ID:		Run ID: ICPMS1_140327A				SeqNo: 2688230		Prep Date: 3/27/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Arsenic ND 0.25

LCS		Sample ID: LCS-56958-56958				Units: mg/Kg		Analysis Date: 3/27/2014 04:12 PM		
Client ID:		Run ID: ICPMS1_140327A				SeqNo: 2688233		Prep Date: 3/27/2014		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

MS		Sample ID: 14031119-10AMS				Units: mg/Kg		Analysis Date: 3/27/2014 05:41 PM		
Client ID:		Run ID: ICPMS1_140327A				SeqNo: 2688279		Prep Date: 3/27/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Arsenic 7.5 0.37 7.418 0.7119 91.5 75-125 0

MSD		Sample ID: 14031119-10AMSD				Units: mg/Kg		Analysis Date: 3/27/2014 05:47 PM		
Client ID:		Run ID: ICPMS1_140327A				SeqNo: 2688282		Prep Date: 3/27/2014		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Arsenic 7.61 0.37 7.353 0.7119 93.8 75-125 7.5 1.46 25

The following samples were analyzed in this batch:

14031236-02A	14031236-03A	14031236-04A
14031236-05A	14031236-06A	

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

Client: HRL Compliance Solutions, Inc
Work Order: 14031236
Project: WPX SG 21-27 Cuttings 3.26.14

QC BATCH REPORT

Batch ID: **R137910** Instrument ID **MOIST** Method: **A2540 G**

MBLK		Sample ID: WBLKS-R137910				Units: % of sample		Analysis Date: 3/27/2014 02:29 PM		
Client ID:		Run ID: MOIST_140327C				SeqNo: 2688838		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-R137910				Units: % of sample		Analysis Date: 3/27/2014 02:29 PM		
Client ID:		Run ID: MOIST_140327C				SeqNo: 2688837		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: 14031229-03A DUP				Units: % of sample		Analysis Date: 3/27/2014 02:29 PM		
Client ID:		Run ID: MOIST_140327C				SeqNo: 2688826		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 21.58 0.050 0 0 0 0-0 19.15 11.9 20

DUP		Sample ID: 14031236-04A DUP				Units: % of sample		Analysis Date: 3/27/2014 02:29 PM		
Client ID: SG 21-27 B-3		Run ID: MOIST_140327C				SeqNo: 2688834		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 3.54 0.050 0 0 0 0-0 3.51 0.851 20

The following samples were analyzed in this batch:

14031236-01A	14031236-02A	14031236-03A
14031236-04A	14031236-05A	14031236-06A

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

Chain-of-Custody

Form 202r8

WORKORDER
#

14031236

PAGE

1 of 1

DISPOSAL





☒ By Lab ☐ or ☐ Return to Client

[illegible]

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

For metals or anions, please detail analytes below.

Comments: <div style="text-align: center;"> </div>	QC PACKAGE (check below)	
	X	LEVEL II (Standard QC)
		LEVEL III (Std QC + forms)
		LEVEL IV (Std QC + forms + raw data)
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-NaHSO ₄ 7-Other 8-4 degrees C 9-5035		

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY		Rand Wald	3/26/14	11:45
RECEIVED BY		Rand Wald	3/26/14	11:45
RELINQUISHED BY		N. M.	3/26/14	1200
RECEIVED BY		Kerry W. DeRosa	3/27/14	0900
RELINQUISHED BY				
RECEIVED BY				

Sample Receipt Checklist

Client Name: **HRL**

Date/Time Received: **27-Mar-14 09:00**

Work Order: **14031236**

Received by: **KRW**

Checklist completed by Keith Wurenga
eSignature

27-Mar-14
Date

Reviewed by: Ann Preston
eSignature

27-Mar-14
Date

Matrices: **Soil**

Carrier name: **FedEx**

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container/cooler? Yes ☒ No ☐ Not Present ☐

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Container/Temp Blank temperature in compliance? Yes ☒ No ☐

Sample(s) received on ice? Yes ☒ No ☐

Temperature(s)/Thermometer(s): 3.6 C

Cooler(s)/Kit(s):

Date/Time sample(s) sent to storage: 3/27/2014 12:08:09 PM

Water - VOA vials have zero headspace? Yes ☐ No ☐ No VOA vials submitted ☒

Water - pH acceptable upon receipt? Yes ☐ No ☐ N/A ☒

pH adjusted? Yes ☐ No ☐ N/A ☒

pH adjusted by:

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction:

From: (970) 424-4749
Lab Hub, LLC
127 E First Street
PARACHUTE, CO 81635

Origin ID: RILA



J14101402070306

Ship Date: 26MAR14
ActWgt: 58.0 LB
CAD: 103923490/NET3490 Dims: 25 X 14 X 15 IN

Delivery Address Bar Code



Ref # 1001-032614-3
Invoice #
PO #
Dept #

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

BILL RECIPIENT

HOLLAND, MI 49424

THU - 27 MAR 10:30A
PRIORITY OVERNIGHT

TRK# 7983 4951 8481

0201

49424

MI-US

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522G1/004F/F220

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ALS Environmental 3352 128th Avenue Holland, Michigan 49424 Tel. +1 616 399 6070 Fax. +1 616 399 6785		Date: _____ Name: _____ Company: _____
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