



30-Jun-2018

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

Re: **CPX - TRP 25A Pad - Landfarm**

Work Order: **18061452**

Dear Kris,

ALS Environmental received 12 samples on 22-Jun-2018 09:30 AM for the analyses presented in the following report.

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

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

The total number of pages in this report is 25.

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

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

A handwritten signature in black ink, appearing to read "Chad Whelton".

Electronically approved by: Chad Whelton

Chad Whelton
Project Manager

Report of Laboratory Analysis

Certificate No: MN 998501

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RIGHT SOLUTIONS RIGHT PARTNER

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
Work Order: 18061452

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>
18061452-01	Cell #1	Soil		6/21/2018 11:45	6/22/2018 09:30	<input type="checkbox"/>
18061452-02	Cell #2	Soil		6/21/2018 11:55	6/22/2018 09:30	<input type="checkbox"/>
18061452-03	Cell #3	Soil		6/21/2018 12:00	6/22/2018 09:30	<input type="checkbox"/>
18061452-04	Cell #4	Soil		6/21/2018 12:05	6/22/2018 09:30	<input type="checkbox"/>
18061452-05	Cell #5	Soil		6/21/2018 12:15	6/22/2018 09:30	<input type="checkbox"/>
18061452-06	Cell #6	Soil		6/21/2018 12:25	6/22/2018 09:30	<input type="checkbox"/>
18061452-07	Cell #7	Soil		6/21/2018 12:30	6/22/2018 09:30	<input type="checkbox"/>
18061452-08	Cell #8	Soil		6/21/2018 12:40	6/22/2018 09:30	<input type="checkbox"/>
18061452-09	Cell #9	Soil		6/21/2018 12:45	6/22/2018 09:30	<input type="checkbox"/>
18061452-10	Cell #10	Soil		6/21/2018 12:50	6/22/2018 09:30	<input type="checkbox"/>
18061452-11	Cell #11	Soil		6/21/2018 13:00	6/22/2018 09:30	<input type="checkbox"/>
18061452-12	Cell #12	Soil		6/21/2018 13:10	6/22/2018 09:30	<input type="checkbox"/>

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
Work Order: 18061452

Case Narrative

Batch 120288, Method DRLVI_8015_S, Sample 18061452-02A MSD: The RPD between the MS and MSD was outside the control limit for DRO. The corresponding result in the parent sample should be considered estimated.

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
WorkOrder: 18061452

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-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
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
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

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

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

ALS Group, USA

Date: 30-Jun-18

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
Sample ID: Cell #1
Collection Date: 6/21/2018 11:45 AM

Work Order: 18061452
Lab ID: 18061452-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015C		Prep: SW3546 / 6/25/18		Analyst: MEB
DRO (C10-C28)	420		3.4	5.9	mg/Kg-dry	1	6/26/2018 03:10
Surr: 4-Terphenyl-d14	103			34-130	%REC	1	6/26/2018 03:10
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 6/25/18		Analyst: RM
Acenaphthene	U		0.0035	0.049	mg/Kg-dry	1	6/26/2018 23:26
Anthracene	0.066		0.0018	0.049	mg/Kg-dry	1	6/26/2018 23:26
Benzo(a)anthracene	U		0.0030	0.049	mg/Kg-dry	1	6/26/2018 23:26
Benzo(a)pyrene	U		0.0012	0.049	mg/Kg-dry	1	6/26/2018 23:26
Benzo(b)fluoranthene	U		0.0019	0.049	mg/Kg-dry	1	6/26/2018 23:26
Benzo(k)fluoranthene	U		0.0025	0.049	mg/Kg-dry	1	6/26/2018 23:26
Chrysene	U		0.0019	0.049	mg/Kg-dry	1	6/26/2018 23:26
Dibenzo(a,h)anthracene	U		0.0016	0.049	mg/Kg-dry	1	6/26/2018 23:26
Fluoranthene	1.3		0.0014	0.049	mg/Kg-dry	1	6/26/2018 23:26
Fluorene	U		0.0016	0.049	mg/Kg-dry	1	6/26/2018 23:26
Indeno(1,2,3-cd)pyrene	U		0.0015	0.049	mg/Kg-dry	1	6/26/2018 23:26
Naphthalene	0.20		0.0092	0.049	mg/Kg-dry	1	6/26/2018 23:26
Pyrene	0.35		0.0018	0.049	mg/Kg-dry	1	6/26/2018 23:26
Surr: 2-Fluorobiphenyl	78.9			20-140	%REC	1	6/26/2018 23:26
Surr: 4-Terphenyl-d14	83.1			22-172	%REC	1	6/26/2018 23:26
Surr: Nitrobenzene-d5	109			28-140	%REC	1	6/26/2018 23:26
MOISTURE							
			Method: SW3550C				Analyst: SBR
Moisture	17		0.025	0.050	% of sample	1	6/22/2018 16:18

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

ALS Group, USA

Date: 30-Jun-18

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
Sample ID: Cell #2
Collection Date: 6/21/2018 11:55 AM

Work Order: 18061452
Lab ID: 18061452-02
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015C		Prep: SW3546 / 6/25/18		Analyst: MEB
DRO (C10-C28)	370		3.3	5.7	mg/Kg-dry	1	6/26/2018 01:43
Surr: 4-Terphenyl-d14	69.1			34-130	%REC	1	6/26/2018 01:43
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 6/25/18		Analyst: RM
Acenaphthene	U		0.0034	0.048	mg/Kg-dry	1	6/29/2018 03:25
Anthracene	U		0.0017	0.048	mg/Kg-dry	1	6/29/2018 03:25
Benzo(a)anthracene	0.64		0.0029	0.048	mg/Kg-dry	1	6/29/2018 03:25
Benzo(a)pyrene	0.16		0.0012	0.048	mg/Kg-dry	1	6/29/2018 03:25
Benzo(b)fluoranthene	0.63		0.0018	0.048	mg/Kg-dry	1	6/29/2018 03:25
Benzo(k)fluoranthene	0.26		0.0025	0.048	mg/Kg-dry	1	6/29/2018 03:25
Chrysene	0.53		0.0018	0.048	mg/Kg-dry	1	6/29/2018 03:25
Dibenzo(a,h)anthracene	0.13		0.0016	0.048	mg/Kg-dry	1	6/29/2018 03:25
Fluoranthene	0.72		0.0014	0.048	mg/Kg-dry	1	6/29/2018 03:25
Fluorene	U		0.0016	0.048	mg/Kg-dry	1	6/29/2018 03:25
Indeno(1,2,3-cd)pyrene	0.15		0.0015	0.048	mg/Kg-dry	1	6/29/2018 03:25
Naphthalene	0.34		0.0090	0.048	mg/Kg-dry	1	6/29/2018 03:25
Pyrene	0.81		0.0017	0.048	mg/Kg-dry	1	6/29/2018 03:25
Surr: 2-Fluorobiphenyl	74.0			20-140	%REC	1	6/29/2018 03:25
Surr: 4-Terphenyl-d14	71.7			22-172	%REC	1	6/29/2018 03:25
Surr: Nitrobenzene-d5	96.4			28-140	%REC	1	6/29/2018 03:25
MOISTURE							
			Method: SW3550C				Analyst: SBR
Moisture	14		0.025	0.050	% of sample	1	6/22/2018 16:18

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

ALS Group, USA

Date: 30-Jun-18

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
Sample ID: Cell #3
Collection Date: 6/21/2018 12:00 PM

Work Order: 18061452
Lab ID: 18061452-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015C		Prep: SW3546 / 6/25/18		Analyst: MEB
DRO (C10-C28)	390		3.5	6.2	mg/Kg-dry	1	6/26/2018 04:09
Surr: 4-Terphenyl-d14	117			34-130	%REC	1	6/26/2018 04:09
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 6/25/18		Analyst: RM
Acenaphthene	U		0.0036	0.051	mg/Kg-dry	1	6/29/2018 03:40
Anthracene	0.15		0.0019	0.051	mg/Kg-dry	1	6/29/2018 03:40
Benzo(a)anthracene	1.0		0.0032	0.051	mg/Kg-dry	1	6/29/2018 03:40
Benzo(a)pyrene	0.24		0.0013	0.051	mg/Kg-dry	1	6/29/2018 03:40
Benzo(b)fluoranthene	0.85		0.0020	0.051	mg/Kg-dry	1	6/29/2018 03:40
Benzo(k)fluoranthene	0.37		0.0027	0.051	mg/Kg-dry	1	6/29/2018 03:40
Chrysene	0.78		0.0020	0.051	mg/Kg-dry	1	6/29/2018 03:40
Dibenzo(a,h)anthracene	0.19		0.0017	0.051	mg/Kg-dry	1	6/29/2018 03:40
Fluoranthene	1.1		0.0015	0.051	mg/Kg-dry	1	6/29/2018 03:40
Fluorene	U		0.0017	0.051	mg/Kg-dry	1	6/29/2018 03:40
Indeno(1,2,3-cd)pyrene	0.26		0.0016	0.051	mg/Kg-dry	1	6/29/2018 03:40
Naphthalene	0.32		0.0097	0.051	mg/Kg-dry	1	6/29/2018 03:40
Pyrene	1.3		0.0019	0.051	mg/Kg-dry	1	6/29/2018 03:40
Surr: 2-Fluorobiphenyl	80.8			20-140	%REC	1	6/29/2018 03:40
Surr: 4-Terphenyl-d14	82.7			22-172	%REC	1	6/29/2018 03:40
Surr: Nitrobenzene-d5	103			28-140	%REC	1	6/29/2018 03:40
MOISTURE							
			Method: SW3550C				Analyst: SBR
Moisture	19		0.025	0.050	% of sample	1	6/22/2018 16:18

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

ALS Group, USA

Date: 30-Jun-18

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
Sample ID: Cell #4
Collection Date: 6/21/2018 12:05 PM

Work Order: 18061452
Lab ID: 18061452-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015C		Prep: SW3546 / 6/25/18		Analyst: MEB
DRO (C10-C28)	260		3.3	5.7	mg/Kg-dry	1	6/26/2018 04:38
Surr: 4-Terphenyl-d14	93.6			34-130	%REC	1	6/26/2018 04:38
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 6/25/18		Analyst: RM
Acenaphthene	U		0.0034	0.048	mg/Kg-dry	1	6/29/2018 03:55
Anthracene	U		0.0017	0.048	mg/Kg-dry	1	6/29/2018 03:55
Benzo(a)anthracene	0.42		0.0029	0.048	mg/Kg-dry	1	6/29/2018 03:55
Benzo(a)pyrene	0.12		0.0012	0.048	mg/Kg-dry	1	6/29/2018 03:55
Benzo(b)fluoranthene	0.44		0.0018	0.048	mg/Kg-dry	1	6/29/2018 03:55
Benzo(k)fluoranthene	0.18		0.0025	0.048	mg/Kg-dry	1	6/29/2018 03:55
Chrysene	0.37		0.0018	0.048	mg/Kg-dry	1	6/29/2018 03:55
Dibenzo(a,h)anthracene	0.13		0.0016	0.048	mg/Kg-dry	1	6/29/2018 03:55
Fluoranthene	0.49		0.0014	0.048	mg/Kg-dry	1	6/29/2018 03:55
Fluorene	U		0.0016	0.048	mg/Kg-dry	1	6/29/2018 03:55
Indeno(1,2,3-cd)pyrene	0.10		0.0015	0.048	mg/Kg-dry	1	6/29/2018 03:55
Naphthalene	0.17		0.0090	0.048	mg/Kg-dry	1	6/29/2018 03:55
Pyrene	0.55		0.0017	0.048	mg/Kg-dry	1	6/29/2018 03:55
Surr: 2-Fluorobiphenyl	62.5			20-140	%REC	1	6/29/2018 03:55
Surr: 4-Terphenyl-d14	63.3			22-172	%REC	1	6/29/2018 03:55
Surr: Nitrobenzene-d5	69.8			28-140	%REC	1	6/29/2018 03:55
MOISTURE							
			Method: SW3550C				Analyst: SBR
Moisture	15		0.025	0.050	% of sample	1	6/22/2018 16:18

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

ALS Group, USA

Date: 30-Jun-18

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
Sample ID: Cell #5
Collection Date: 6/21/2018 12:15 PM

Work Order: 18061452
Lab ID: 18061452-05
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015C		Prep: SW3546 / 6/25/18		Analyst: MEB
DRO (C10-C28)	190		3.9	6.7	mg/Kg-dry	1	6/26/2018 05:07
Surr: 4-Terphenyl-d14	97.1			34-130	%REC	1	6/26/2018 05:07
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 6/25/18		Analyst: RM
Acenaphthene	U		0.0040	0.056	mg/Kg-dry	1	6/29/2018 04:10
Anthracene	0.10		0.0020	0.056	mg/Kg-dry	1	6/29/2018 04:10
Benzo(a)anthracene	0.33		0.0034	0.056	mg/Kg-dry	1	6/29/2018 04:10
Benzo(a)pyrene	0.14		0.0014	0.056	mg/Kg-dry	1	6/29/2018 04:10
Benzo(b)fluoranthene	0.44		0.0022	0.056	mg/Kg-dry	1	6/29/2018 04:10
Benzo(k)fluoranthene	0.11		0.0029	0.056	mg/Kg-dry	1	6/29/2018 04:10
Chrysene	0.46		0.0022	0.056	mg/Kg-dry	1	6/29/2018 04:10
Dibenzo(a,h)anthracene	U		0.0018	0.056	mg/Kg-dry	1	6/29/2018 04:10
Fluoranthene	0.59		0.0016	0.056	mg/Kg-dry	1	6/29/2018 04:10
Fluorene	U		0.0018	0.056	mg/Kg-dry	1	6/29/2018 04:10
Indeno(1,2,3-cd)pyrene	U		0.0017	0.056	mg/Kg-dry	1	6/29/2018 04:10
Naphthalene	0.17		0.011	0.056	mg/Kg-dry	1	6/29/2018 04:10
Pyrene	0.69		0.0020	0.056	mg/Kg-dry	1	6/29/2018 04:10
Surr: 2-Fluorobiphenyl	83.8			20-140	%REC	1	6/29/2018 04:10
Surr: 4-Terphenyl-d14	87.5			22-172	%REC	1	6/29/2018 04:10
Surr: Nitrobenzene-d5	87.0			28-140	%REC	1	6/29/2018 04:10
MOISTURE							
			Method: SW3550C				Analyst: SBR
Moisture	26		0.025	0.050	% of sample	1	6/22/2018 16:18

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

ALS Group, USA

Date: 30-Jun-18

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
Sample ID: Cell #6
Collection Date: 6/21/2018 12:25 PM

Work Order: 18061452
Lab ID: 18061452-06
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015C		Prep: SW3546 / 6/25/18		Analyst: MEB
DRO (C10-C28)	410		3.7	6.3	mg/Kg-dry	1	6/26/2018 05:36
Surr: 4-Terphenyl-d14	107			34-130	%REC	1	6/26/2018 05:36
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 6/25/18		Analyst: RM
Acenaphthene	U		0.0038	0.053	mg/Kg-dry	1	6/29/2018 04:25
Anthracene	0.13		0.0019	0.053	mg/Kg-dry	1	6/29/2018 04:25
Benzo(a)anthracene	0.92		0.0032	0.053	mg/Kg-dry	1	6/29/2018 04:25
Benzo(a)pyrene	0.22		0.0013	0.053	mg/Kg-dry	1	6/29/2018 04:25
Benzo(b)fluoranthene	0.80		0.0020	0.053	mg/Kg-dry	1	6/29/2018 04:25
Benzo(k)fluoranthene	0.26		0.0027	0.053	mg/Kg-dry	1	6/29/2018 04:25
Chrysene	0.58		0.0020	0.053	mg/Kg-dry	1	6/29/2018 04:25
Dibenzo(a,h)anthracene	0.22		0.0017	0.053	mg/Kg-dry	1	6/29/2018 04:25
Fluoranthene	0.99		0.0015	0.053	mg/Kg-dry	1	6/29/2018 04:25
Fluorene	U		0.0017	0.053	mg/Kg-dry	1	6/29/2018 04:25
Indeno(1,2,3-cd)pyrene	0.23		0.0016	0.053	mg/Kg-dry	1	6/29/2018 04:25
Naphthalene	0.26		0.0099	0.053	mg/Kg-dry	1	6/29/2018 04:25
Pyrene	1.1		0.0019	0.053	mg/Kg-dry	1	6/29/2018 04:25
Surr: 2-Fluorobiphenyl	91.1			20-140	%REC	1	6/29/2018 04:25
Surr: 4-Terphenyl-d14	88.2			22-172	%REC	1	6/29/2018 04:25
Surr: Nitrobenzene-d5	107			28-140	%REC	1	6/29/2018 04:25
MOISTURE							
			Method: SW3550C				Analyst: SBR
Moisture	22		0.025	0.050	% of sample	1	6/22/2018 16:18

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

ALS Group, USA

Date: 30-Jun-18

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
Sample ID: Cell #7
Collection Date: 6/21/2018 12:30 PM

Work Order: 18061452
Lab ID: 18061452-07
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015C		Prep: SW3546 / 6/25/18		Analyst: MEB
DRO (C10-C28)	220		3.7	6.4	mg/Kg-dry	1	6/26/2018 06:05
Surr: 4-Terphenyl-d14	92.6			34-130	%REC	1	6/26/2018 06:05
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 6/25/18		Analyst: RM
Acenaphthene	U		0.0038	0.054	mg/Kg-dry	1	6/29/2018 04:40
Anthracene	U		0.0020	0.054	mg/Kg-dry	1	6/29/2018 04:40
Benzo(a)anthracene	0.40		0.0033	0.054	mg/Kg-dry	1	6/29/2018 04:40
Benzo(a)pyrene	0.13		0.0013	0.054	mg/Kg-dry	1	6/29/2018 04:40
Benzo(b)fluoranthene	0.42		0.0021	0.054	mg/Kg-dry	1	6/29/2018 04:40
Benzo(k)fluoranthene	0.12		0.0028	0.054	mg/Kg-dry	1	6/29/2018 04:40
Chrysene	0.36		0.0021	0.054	mg/Kg-dry	1	6/29/2018 04:40
Dibenzo(a,h)anthracene	U		0.0017	0.054	mg/Kg-dry	1	6/29/2018 04:40
Fluoranthene	0.52		0.0015	0.054	mg/Kg-dry	1	6/29/2018 04:40
Fluorene	U		0.0017	0.054	mg/Kg-dry	1	6/29/2018 04:40
Indeno(1,2,3-cd)pyrene	U		0.0016	0.054	mg/Kg-dry	1	6/29/2018 04:40
Naphthalene	0.11		0.010	0.054	mg/Kg-dry	1	6/29/2018 04:40
Pyrene	0.59		0.0020	0.054	mg/Kg-dry	1	6/29/2018 04:40
Surr: 2-Fluorobiphenyl	92.9			20-140	%REC	1	6/29/2018 04:40
Surr: 4-Terphenyl-d14	93.9			22-172	%REC	1	6/29/2018 04:40
Surr: Nitrobenzene-d5	90.7			28-140	%REC	1	6/29/2018 04:40
MOISTURE							
			Method: SW3550C				Analyst: SBR
Moisture	23		0.025	0.050	% of sample	1	6/22/2018 16:18

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

ALS Group, USA

Date: 30-Jun-18

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
Sample ID: Cell #8
Collection Date: 6/21/2018 12:40 PM

Work Order: 18061452
Lab ID: 18061452-08
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015C		Prep: SW3546 / 6/25/18		Analyst: MEB
DRO (C10-C28)	230		3.9	6.8	mg/Kg-dry	1	6/26/2018 06:34
Surr: 4-Terphenyl-d14	98.6			34-130	%REC	1	6/26/2018 06:34
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 6/25/18		Analyst: RM
Acenaphthene	U		0.0040	0.057	mg/Kg-dry	1	6/29/2018 04:55
Anthracene	U		0.0021	0.057	mg/Kg-dry	1	6/29/2018 04:55
Benzo(a)anthracene	0.54		0.0035	0.057	mg/Kg-dry	1	6/29/2018 04:55
Benzo(a)pyrene	0.10		0.0014	0.057	mg/Kg-dry	1	6/29/2018 04:55
Benzo(b)fluoranthene	0.44		0.0022	0.057	mg/Kg-dry	1	6/29/2018 04:55
Benzo(k)fluoranthene	0.18		0.0029	0.057	mg/Kg-dry	1	6/29/2018 04:55
Chrysene	0.53		0.0022	0.057	mg/Kg-dry	1	6/29/2018 04:55
Dibenzo(a,h)anthracene	0.12		0.0019	0.057	mg/Kg-dry	1	6/29/2018 04:55
Fluoranthene	0.77		0.0016	0.057	mg/Kg-dry	1	6/29/2018 04:55
Fluorene	U		0.0019	0.057	mg/Kg-dry	1	6/29/2018 04:55
Indeno(1,2,3-cd)pyrene	0.16		0.0017	0.057	mg/Kg-dry	1	6/29/2018 04:55
Naphthalene	0.16		0.011	0.057	mg/Kg-dry	1	6/29/2018 04:55
Pyrene	0.85		0.0021	0.057	mg/Kg-dry	1	6/29/2018 04:55
Surr: 2-Fluorobiphenyl	86.9			20-140	%REC	1	6/29/2018 04:55
Surr: 4-Terphenyl-d14	82.6			22-172	%REC	1	6/29/2018 04:55
Surr: Nitrobenzene-d5	102			28-140	%REC	1	6/29/2018 04:55
MOISTURE							
			Method: SW3550C				Analyst: SBR
Moisture	28		0.025	0.050	% of sample	1	6/22/2018 16:18

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

ALS Group, USA

Date: 30-Jun-18

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
Sample ID: Cell #9
Collection Date: 6/21/2018 12:45 PM

Work Order: 18061452
Lab ID: 18061452-09
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015C		Prep: SW3546 / 6/25/18		Analyst: MEB
DRO (C10-C28)	65		3.6	6.3	mg/Kg-dry	1	6/26/2018 07:03
Surr: 4-Terphenyl-d14	63.1			34-130	%REC	1	6/26/2018 07:03
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 6/25/18		Analyst: RM
Acenaphthene	U		0.0037	0.053	mg/Kg-dry	1	6/29/2018 05:10
Anthracene	U		0.0019	0.053	mg/Kg-dry	1	6/29/2018 05:10
Benzo(a)anthracene	U		0.0032	0.053	mg/Kg-dry	1	6/29/2018 05:10
Benzo(a)pyrene	U		0.0013	0.053	mg/Kg-dry	1	6/29/2018 05:10
Benzo(b)fluoranthene	U		0.0020	0.053	mg/Kg-dry	1	6/29/2018 05:10
Benzo(k)fluoranthene	U		0.0027	0.053	mg/Kg-dry	1	6/29/2018 05:10
Chrysene	U		0.0020	0.053	mg/Kg-dry	1	6/29/2018 05:10
Dibenzo(a,h)anthracene	U		0.0017	0.053	mg/Kg-dry	1	6/29/2018 05:10
Fluoranthene	0.097		0.0015	0.053	mg/Kg-dry	1	6/29/2018 05:10
Fluorene	U		0.0017	0.053	mg/Kg-dry	1	6/29/2018 05:10
Indeno(1,2,3-cd)pyrene	U		0.0016	0.053	mg/Kg-dry	1	6/29/2018 05:10
Naphthalene	U		0.0099	0.053	mg/Kg-dry	1	6/29/2018 05:10
Pyrene	0.12		0.0019	0.053	mg/Kg-dry	1	6/29/2018 05:10
Surr: 2-Fluorobiphenyl	86.2			20-140	%REC	1	6/29/2018 05:10
Surr: 4-Terphenyl-d14	88.8			22-172	%REC	1	6/29/2018 05:10
Surr: Nitrobenzene-d5	104			28-140	%REC	1	6/29/2018 05:10
MOISTURE							
			Method: SW3550C				Analyst: SBR
Moisture	24		0.025	0.050	% of sample	1	6/23/2018 23:30

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

ALS Group, USA

Date: 30-Jun-18

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
Sample ID: Cell #10
Collection Date: 6/21/2018 12:50 PM

Work Order: 18061452
Lab ID: 18061452-10
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015C		Prep: SW3546 / 6/25/18		Analyst: MEB
DRO (C10-C28)	59		3.6	6.2	mg/Kg-dry	1	6/26/2018 07:32
Surr: 4-Terphenyl-d14	70.1			34-130	%REC	1	6/26/2018 07:32
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 6/25/18		Analyst: RM
Acenaphthene	U		0.0037	0.052	mg/Kg-dry	1	6/29/2018 05:25
Anthracene	U		0.0019	0.052	mg/Kg-dry	1	6/29/2018 05:25
Benzo(a)anthracene	U		0.0032	0.052	mg/Kg-dry	1	6/29/2018 05:25
Benzo(a)pyrene	U		0.0013	0.052	mg/Kg-dry	1	6/29/2018 05:25
Benzo(b)fluoranthene	U		0.0020	0.052	mg/Kg-dry	1	6/29/2018 05:25
Benzo(k)fluoranthene	U		0.0027	0.052	mg/Kg-dry	1	6/29/2018 05:25
Chrysene	U		0.0020	0.052	mg/Kg-dry	1	6/29/2018 05:25
Dibenzo(a,h)anthracene	U		0.0017	0.052	mg/Kg-dry	1	6/29/2018 05:25
Fluoranthene	U		0.0015	0.052	mg/Kg-dry	1	6/29/2018 05:25
Fluorene	U		0.0017	0.052	mg/Kg-dry	1	6/29/2018 05:25
Indeno(1,2,3-cd)pyrene	U		0.0016	0.052	mg/Kg-dry	1	6/29/2018 05:25
Naphthalene	U		0.0097	0.052	mg/Kg-dry	1	6/29/2018 05:25
Pyrene	U		0.0019	0.052	mg/Kg-dry	1	6/29/2018 05:25
Surr: 2-Fluorobiphenyl	97.0			20-140	%REC	1	6/29/2018 05:25
Surr: 4-Terphenyl-d14	94.3			22-172	%REC	1	6/29/2018 05:25
Surr: Nitrobenzene-d5	114			28-140	%REC	1	6/29/2018 05:25
MOISTURE							
			Method: SW3550C				Analyst: SBR
Moisture	21		0.025	0.050	% of sample	1	6/22/2018 16:18

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

ALS Group, USA

Date: 30-Jun-18

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
Sample ID: Cell #11
Collection Date: 6/21/2018 01:00 PM

Work Order: 18061452
Lab ID: 18061452-11
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015C		Prep: SW3546 / 6/25/18		Analyst: MEB
DRO (C10-C28)	170		3.6	6.2	mg/Kg-dry	1	6/26/2018 08:01
Surr: 4-Terphenyl-d14	70.1			34-130	%REC	1	6/26/2018 08:01
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 6/25/18		Analyst: RM
Acenaphthene	U		0.0037	0.052	mg/Kg-dry	1	6/29/2018 05:40
Anthracene	U		0.0019	0.052	mg/Kg-dry	1	6/29/2018 05:40
Benzo(a)anthracene	0.22		0.0032	0.052	mg/Kg-dry	1	6/29/2018 05:40
Benzo(a)pyrene	0.14		0.0013	0.052	mg/Kg-dry	1	6/29/2018 05:40
Benzo(b)fluoranthene	0.47		0.0020	0.052	mg/Kg-dry	1	6/29/2018 05:40
Benzo(k)fluoranthene	0.16		0.0027	0.052	mg/Kg-dry	1	6/29/2018 05:40
Chrysene	0.35		0.0020	0.052	mg/Kg-dry	1	6/29/2018 05:40
Dibenzo(a,h)anthracene	0.089		0.0017	0.052	mg/Kg-dry	1	6/29/2018 05:40
Fluoranthene	0.26		0.0015	0.052	mg/Kg-dry	1	6/29/2018 05:40
Fluorene	U		0.0017	0.052	mg/Kg-dry	1	6/29/2018 05:40
Indeno(1,2,3-cd)pyrene	0.14		0.0016	0.052	mg/Kg-dry	1	6/29/2018 05:40
Naphthalene	U		0.0098	0.052	mg/Kg-dry	1	6/29/2018 05:40
Pyrene	0.29		0.0019	0.052	mg/Kg-dry	1	6/29/2018 05:40
Surr: 2-Fluorobiphenyl	90.9			20-140	%REC	1	6/29/2018 05:40
Surr: 4-Terphenyl-d14	86.3			22-172	%REC	1	6/29/2018 05:40
Surr: Nitrobenzene-d5	105			28-140	%REC	1	6/29/2018 05:40
MOISTURE							
			Method: SW3550C				Analyst: SBR
Moisture	22		0.025	0.050	% of sample	1	6/23/2018 23:30

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

ALS Group, USA

Date: 30-Jun-18

Client: HRL Compliance Solutions, Inc
Project: CPX - TRP 25A Pad - Landfarm
Sample ID: Cell #12
Collection Date: 6/21/2018 01:10 PM

Work Order: 18061452
Lab ID: 18061452-12
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015C		Prep: SW3546 / 6/25/18		Analyst: MEB
DRO (C10-C28)	68		3.7	6.4	mg/Kg-dry	1	6/26/2018 08:30
Surr: 4-Terphenyl-d14	73.1			34-130	%REC	1	6/26/2018 08:30
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 6/25/18		Analyst: RM
Acenaphthene	U		0.0038	0.053	mg/Kg-dry	1	6/29/2018 05:55
Anthracene	U		0.0019	0.053	mg/Kg-dry	1	6/29/2018 05:55
Benzo(a)anthracene	U		0.0033	0.053	mg/Kg-dry	1	6/29/2018 05:55
Benzo(a)pyrene	U		0.0013	0.053	mg/Kg-dry	1	6/29/2018 05:55
Benzo(b)fluoranthene	U		0.0020	0.053	mg/Kg-dry	1	6/29/2018 05:55
Benzo(k)fluoranthene	U		0.0028	0.053	mg/Kg-dry	1	6/29/2018 05:55
Chrysene	U		0.0020	0.053	mg/Kg-dry	1	6/29/2018 05:55
Dibenzo(a,h)anthracene	U		0.0017	0.053	mg/Kg-dry	1	6/29/2018 05:55
Fluoranthene	U		0.0015	0.053	mg/Kg-dry	1	6/29/2018 05:55
Fluorene	U		0.0017	0.053	mg/Kg-dry	1	6/29/2018 05:55
Indeno(1,2,3-cd)pyrene	U		0.0016	0.053	mg/Kg-dry	1	6/29/2018 05:55
Naphthalene	U		0.010	0.053	mg/Kg-dry	1	6/29/2018 05:55
Pyrene	U		0.0019	0.053	mg/Kg-dry	1	6/29/2018 05:55
Surr: 2-Fluorobiphenyl	96.1			20-140	%REC	1	6/29/2018 05:55
Surr: 4-Terphenyl-d14	89.9			22-172	%REC	1	6/29/2018 05:55
Surr: Nitrobenzene-d5	97.6			28-140	%REC	1	6/29/2018 05:55
MOISTURE							
			Method: SW3550C				Analyst: SBR
Moisture	22		0.025	0.050	% of sample	1	6/23/2018 23:30

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

Client: HRL Compliance Solutions, Inc
Work Order: 18061452
Project: CPX - TRP 25A Pad - Landfarm

QC BATCH REPORT

Batch ID: **120288** Instrument ID **GC8** Method: **SW8015C**

MBLK		Sample ID: DBLKS1-120288-120288				Units: mg/Kg		Analysis Date: 6/26/2018 12:45 PM		
Client ID:		Run ID: GC8_180625A				SeqNo: 5112476		Prep Date: 6/25/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28)	U	5.0								
Surr: 4-Terphenyl-d14	2.233	0	3.33	0	67.1	34-130		0		

LCS		Sample ID: DLCSS1-120288-120288				Units: mg/Kg		Analysis Date: 6/26/2018 01:14 AM		
Client ID:		Run ID: GC8_180625A				SeqNo: 5112457		Prep Date: 6/25/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28)	291.3	5.0	333	0	87.5	65-122		0		
Surr: 4-Terphenyl-d14	2.533	0	3.33	0	76.1	34-130		0		

MS		Sample ID: 18061452-02A MS				Units: mg/Kg		Analysis Date: 6/26/2018 02:12 AM		
Client ID: Cell #2		Run ID: GC8_180625A				SeqNo: 5112459		Prep Date: 6/25/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28)	708.2	4.8	323	321.5	120	65-122		0		
Surr: 4-Terphenyl-d14	3.152	0	3.23	0	97.6	34-130		0		

MSD		Sample ID: 18061452-02A MSD				Units: mg/Kg		Analysis Date: 6/26/2018 02:41 AM		
Client ID: Cell #2		Run ID: GC8_180625A				SeqNo: 5112460		Prep Date: 6/25/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28)	511.5	5.0	331.8	321.5	57.3	65-122	708.2	32.3	30	SR
Surr: 4-Terphenyl-d14	2.757	0	3.318	0	83.1	34-130	3.152	13.4	30	

The following samples were analyzed in this batch:

18061452-01A	18061452-02A	18061452-03A
18061452-04A	18061452-05A	18061452-06A
18061452-07A	18061452-08A	18061452-09A
18061452-10A	18061452-11A	18061452-12A

Client: HRL Compliance Solutions, Inc
Work Order: 18061452
Project: CPX - TRP 25A Pad - Landfarm

QC BATCH REPORT

Batch ID: **120287** Instrument ID **SVMS6** Method: **SW846 8270D**

MBLK				Sample ID: SBLKS1-120287-120287				Units: µg/Kg			Analysis Date: 6/26/2018 10:30 PM		
Client ID:			Run ID: SVMS6_180626A				SeqNo: 5115842		Prep Date: 6/25/2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			
Acenaphthene	U	42											
Anthracene	U	42											
Benzo(a)anthracene	U	42											
Benzo(a)pyrene	U	42											
Benzo(b)fluoranthene	U	42											
Benzo(k)fluoranthene	U	42											
Chrysene	U	42											
Dibenzo(a,h)anthracene	U	42											
Fluoranthene	U	42											
Fluorene	U	42											
Indeno(1,2,3-cd)pyrene	U	42											
Naphthalene	U	42											
Pyrene	U	42											
Surr: 2-Fluorobiphenyl	3172	0	3333	0	95.2	20-140	0						
Surr: 4-Terphenyl-d14	3393	0	3333	0	102	22-172	0						
Surr: Nitrobenzene-d5	3828	0	3333	0	115	28-140	0						

LCS				Sample ID: SLCSS1-120287-120287				Units: µg/Kg		Analysis Date: 6/26/2018 10:44 PM	
Client ID:			Run ID: SVMS6_180626A			SeqNo: 5115843		Prep Date: 6/25/2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Acenaphthene	1159	42	1333	0	87	40-140	0				
Anthracene	1614	42	1333	0	121	40-140	0				
Benzo(a)anthracene	1286	42	1333	0	96.5	40-140	0				
Benzo(a)pyrene	1120	42	1333	0	84	40-140	0				
Benzo(b)fluoranthene	1209	42	1333	0	90.7	40-140	0				
Benzo(k)fluoranthene	762.6	42	1333	0	57.2	40-140	0				
Chrysene	773	42	1333	0	58	40-140	0				
Dibenzo(a,h)anthracene	1039	42	1333	0	77.9	40-140	0				
Fluoranthene	1205	42	1333	0	90.4	40-140	0				
Fluorene	1317	42	1333	0	98.8	40-140	0				
Indeno(1,2,3-cd)pyrene	1426	42	1333	0	107	40-140	0				
Naphthalene	1282	42	1333	0	96.2	40-140	0				
Pyrene	1478	42	1333	0	111	40-140	0				
Surr: 2-Fluorobiphenyl	2955	0	3333	0	88.7	20-140	0				
Surr: 4-Terphenyl-d14	3491	0	3333	0	105	22-172	0				
Surr: Nitrobenzene-d5	4473	0	3333	0	134	28-140	0				

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

Client: HRL Compliance Solutions, Inc
Work Order: 18061452
Project: CPX - TRP 25A Pad - Landfarm

QC BATCH REPORT

Batch ID: **120287** Instrument ID **SVMS6** Method: **SW846 8270D**

MS				Sample ID: 18061452-01A MS			Units: µg/Kg		Analysis Date: 6/26/2018 10:58 PM	
Client ID: Cell #1				Run ID: SVMS6_180626A			SeqNo: 5115844		Prep Date: 6/25/2018	
							DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1141	41	1312	0	86.9	40-140	0			
Anthracene	1679	41	1312	55.31	124	40-140	0			
Benzo(a)anthracene	1781	41	1312	0	136	40-140	0			
Benzo(a)pyrene	1029	41	1312	0	78.4	40-140	0			
Benzo(b)fluoranthene	1470	41	1312	0	112	40-140	0			
Benzo(k)fluoranthene	917.3	41	1312	0	69.9	40-140	0			
Chrysene	1360	41	1312	0	104	40-140	0			
Dibenzo(a,h)anthracene	1143	41	1312	0	87.1	40-140	0			
Fluoranthene	2821	41	1312	1056	135	40-140	0			
Fluorene	1403	41	1312	0	107	40-140	0			
Indeno(1,2,3-cd)pyrene	1436	41	1312	0	109	40-140	0			
Naphthalene	1604	41	1312	169.2	109	40-140	0			
Pyrene	1523	41	1312	291.5	93.9	40-140	0			
Surr: 2-Fluorobiphenyl	2984	0	3281	0	90.9	20-140	0			
Surr: 4-Terphenyl-d14	2462	0	3281	0	75.1	22-172	0			
Surr: Nitrobenzene-d5	3968	0	3281	0	121	28-140	0			

MSD				Sample ID: 18061452-01A MSD			Units: µg/Kg		Analysis Date: 6/26/2018 11:12 PM	
Client ID: Cell #1				Run ID: SVMS6_180626A			SeqNo: 5115845		Prep Date: 6/25/2018	
							DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1058	41	1309	0	80.8	40-140	1141	7.53	30	
Anthracene	1591	41	1309	55.31	117	40-140	1679	5.4	30	
Benzo(a)anthracene	1747	41	1309	0	133	40-140	1781	1.96	30	
Benzo(a)pyrene	997.1	41	1309	0	76.2	40-140	1029	3.17	30	
Benzo(b)fluoranthene	1259	41	1309	0	96.2	40-140	1470	15.4	30	
Benzo(k)fluoranthene	1000	41	1309	0	76.4	40-140	917.3	8.65	30	
Chrysene	1418	41	1309	0	108	40-140	1360	4.17	30	
Dibenzo(a,h)anthracene	1083	41	1309	0	82.7	40-140	1143	5.46	30	
Fluoranthene	2152	41	1309	1056	83.7	40-140	2821	26.9	30	
Fluorene	1202	41	1309	0	91.8	40-140	1403	15.4	30	
Indeno(1,2,3-cd)pyrene	1568	41	1309	0	120	40-140	1436	8.78	30	
Naphthalene	1531	41	1309	169.2	104	40-140	1604	4.67	30	
Pyrene	1373	41	1309	291.5	82.6	40-140	1523	10.4	30	
Surr: 2-Fluorobiphenyl	2264	0	3274	0	69.1	20-140	2984	27.5	0	
Surr: 4-Terphenyl-d14	2671	0	3274	0	81.6	22-172	2462	8.14	0	
Surr: Nitrobenzene-d5	4012	0	3274	0	123	28-140	3968	1.1	0	

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

Client: HRL Compliance Solutions, Inc
Work Order: 18061452
Project: CPX - TRP 25A Pad - Landfarm

QC BATCH REPORT

Batch ID: **120287** Instrument ID **SVMS6** Method: **SW846 8270D**

The following samples were analyzed in this batch:

18061452-01A	18061452-02A	18061452-03A
18061452-04A	18061452-05A	18061452-06A
18061452-07A	18061452-08A	18061452-09A
18061452-10A	18061452-11A	18061452-12A

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

Client: HRL Compliance Solutions, Inc
Work Order: 18061452
Project: CPX - TRP 25A Pad - Landfarm

QC BATCH REPORT

Batch ID: **R238723** Instrument ID **MOIST** Method: **SW3550C**

MBLK		Sample ID: WBLKS-R238723				Units: % of sample		Analysis Date: 6/22/2018 04:18 PM		
Client ID:		Run ID: MOIST_180622C				SeqNo: 5108606		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	0.03	0.050								J

LCS		Sample ID: LCS-R238723				Units: % of sample		Analysis Date: 6/22/2018 04:18 PM		
Client ID:		Run ID: MOIST_180622C				SeqNo: 5108605		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: 18061448-02B DUP				Units: % of sample		Analysis Date: 6/22/2018 04:18 PM		
Client ID:		Run ID: MOIST_180622C				SeqNo: 5108589		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	17.02	0.050	0	0	0	0-0	17.48	2.67	10	

DUP		Sample ID: 18061469-01A DUP				Units: % of sample		Analysis Date: 6/22/2018 04:18 PM		
Client ID:		Run ID: MOIST_180622C				SeqNo: 5108604		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	28	0.050	0	0	0	0-0	25.06	11.1	10	R

The following samples were analyzed in this batch:

18061452-01A	18061452-02A	18061452-03A
18061452-04A	18061452-05A	18061452-06A
18061452-07A	18061452-08A	18061452-10A

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

Client: HRL Compliance Solutions, Inc
Work Order: 18061452
Project: CPX - TRP 25A Pad - Landfarm

QC BATCH REPORT

Batch ID: **R238759** Instrument ID **MOIST** Method: **SW3550C**

MBLK		Sample ID: WBLKS-R238759				Units: % of sample		Analysis Date: 6/23/2018 11:30 PM		
Client ID:		Run ID: MOIST_180623A				SeqNo: 5109867		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture U 0.050

LCS		Sample ID: LCS-R238759				Units: % of sample		Analysis Date: 6/23/2018 11:30 PM		
Client ID:		Run ID: MOIST_180623A				SeqNo: 5109866		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: 18061539-03B DUP				Units: % of sample		Analysis Date: 6/23/2018 11:30 PM		
Client ID:		Run ID: MOIST_180623A				SeqNo: 5109910		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 23.7 0.050 0 0 0 0-0 24.82 4.62 10

The following samples were analyzed in this batch:

18061452-09A	18061452-11A	18061452-12A
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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
#

18061452

PROJECT NAME		CPX - TRP 25A Pad - Landfarm		SAMPLER		Kris Rowe		DATE		6/21/2018		PAGE		1 of 2	
PROJECT No.				SITE ID		TRP 25A Pad		TURNAROUND		STD 5 Day		DISPOSAL		By Lab or Return to Client	
COMPANY NAME		HRL COMPLIANCE SOLUTIONS Inc.		BILL TO COMPANY		HRL									
SEND REPORT TO		KRIS ROWE		INVOICE ATTN TO		Kris Rowe & Missy Derosé									
ADDRESS		2385 F 1/2 RD		ADDRESS		2385 F 1/2 RD									
CITY / STATE / ZIP		GRAND JUNCTION CO 81506		CITY / STATE / ZIP		GRAND JUNCTION CO 81506									
PHONE		970-243-3271		PHONE		970-243-3271									
FAX		970-243-3280		FAX		970-243-3280									
E-MAIL		KROWE@HRLCOMP.COM		E-MAIL											
Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	TPH	DRO	PAH					
1	Cell #1	S	6/21/2018	1145	2			X	X						
2	Cell #2	S	6/21/2018	1155	2			X	X						
3	Cell #3	S	6/21/2018	1200	2			X	X						
4	Cell #4	S	6/21/2018	1205	2			X	X						
5	Cell #5	S	6/21/2018	1215	2			X	X						
6	Cell #6	S	6/21/2018	1225	2			X	X						
7	Cell #7	S	6/21/2018	1230	2			X	X						
8	Cell #8	S	6/21/2018	1240	2			X	X						
9	Cell #9	S	6/21/2018	1245	2			X	X						
10	Cell #10	S	6/21/2018	1250	2			X	X						

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

For metals or anions, please detail analytes below.

Comments: SP2 2.2~	QC PACKAGE (check below)	
	<input type="checkbox"/>	LEVEL II (Standard QC)
	<input type="checkbox"/>	LEVEL III (Std QC + forms)
	<input type="checkbox"/>	LEVEL IV (Std QC + forms + raw data)
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
	Kris Rowe	6/21/2018	1410
	Nick M	6-21-18	1410
	Diane F. She	6-21-18	1530
	Diane F. She	6/22/18	0930



ALS Laboratory Group

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Chain-of-Custody

Form 202r8

WORKORDER
#

18061452

PROJECT NAME		CPX - TRP 25A Pad - Landfarm		SAMPLER		Kris Rowe		DATE		6/21/2018		PAGE		1 of 2	
PROJECT No.				SITE ID		TRP 25A Pad		TURNAROUND		STD 5 Day		DISPOSAL		By Lab or Return to Client	
COMPANY NAME		HRL COMPLIANCE SOLUTIONS Inc.		BILL TO COMPANY		HRL		TPH - DRO PAH							
SEND REPORT TO		KRIS ROWE		INVOICE ATTN TO		Kris Rowe & Missy Derosé									
ADDRESS		2385 F 1/2 RD		ADDRESS		2385 F 1/2 RD									
CITY / STATE / ZIP		GRAND JUNCTION CO 81506		CITY / STATE / ZIP		GRAND JUNCTION CO 81506									
PHONE		970-243-3271		PHONE		970-243-3271									
FAX		970-243-3280		FAX		970-243-3280									
E-MAIL		KROWE@HRLCOMP.COM		E-MAIL											
Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC								
11	Cell #11	S	6/21/2018	1300	2			X	X						
12	Cell #12	S	6/21/2018	1300	2			X	X						

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

For metals or anions, please detail analytes below.

Comments: SP2 2.2-2	QC PACKAGE (check below)	
	<input type="checkbox"/>	LEVEL II (Standard QC)
	<input type="checkbox"/>	LEVEL III (Std QC + forms)
	<input type="checkbox"/>	LEVEL IV (Std QC + forms + raw data)
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		Kris Rowe	6/21/2018	1410
RECEIVED BY			6-21-18	1416
RELINQUISHED BY			6-21-18	1830
RECEIVED BY		Diane F. Sheen	6/21/18	0930
RELINQUISHED BY				
RECEIVED BY				

Sample Receipt Checklist

Client Name: HRL

Date/Time Received: 22-Jun-18 09:30

Work Order: 18061452

Received by: DS

Checklist completed by Diane Shaw 22-Jun-18
eSignature Date

Reviewed by: Tom Bramish 22-Jun-18
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 type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" 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>2.2/2.2 c</u>		<u>SR2</u>
Cooler(s)/Kit(s):	<u></u>		
Date/Time sample(s) sent to storage:	<u>6/22/2018 10:34:47 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:	<u>-</u>		

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction: