

November 29, 2018

Mr. Greg Hamilton
Senior Staff HSE Representative
Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1800
Denver, Colorado 80202

**RE: Sump Closure Report
UPRR 43 Pan Am Y #2
API # 05-123-14504
Location ID # 327328
Remediation # 12132
SWNW SEC 25-T1N-R68W
Weld County, Colorado**

Dear Mr. Hamilton:

LT Environmental, Inc. (LTE) was contracted by Kerr-McGee Oil & Gas Onshore LP (Kerr-McGee) to conduct environmental oversight activities at the above-referenced site. The oversight activities included documenting field activities, collecting soil samples, and reviewing laboratory analytical results.

The objective of the soil sampling was to determine if petroleum hydrocarbon impact to subsurface soil is present as a result of operating a produced water sump at the site. The soil sampling activities, laboratory analytical results, and conclusions are summarized below. The general site layout, soil sample location, and sump excavation dimensions are depicted on the Excavation Site Map provided as Figure 1.

On August 24, 2018, following removal of the produced water sump, soil samples were collected from the sidewalls and base of the excavation. The soil samples were field-screened for total volatile organic compounds using a photoionization detector (PID). Soil staining, odor, and/or elevated headspace readings were not observed or identified through PID screening; the highest PID reading recorded was 2.8 parts per million. Based on field screening results, the excavation base soil sample (B01@4') was submitted for laboratory analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) and total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) by United States Environmental Protection Agency (USEPA) Method 8260C, TPH-diesel range organics (DRO) and oil range organics (ORO) by USEPA Method 8015C, pH by USEPA Method 9045D, and specific conductance (EC) by USEPA Method 9050A. Laboratory analytical results for soil samples B01@4' indicated that BTEX, TPH, pH, and EC concentrations and levels were in full compliance with Colorado Oil and Gas Conservation



Commission Table 910-1 allowable levels. The soil sample analytical results are summarized in Table 1, and the laboratory analytical report is attached.

The sump excavation extent measured approximately 10 feet north to south by 10 feet east to west to an approximate depth of 4 feet below ground surface. Groundwater and impacted soil were not encountered in the excavation. A liner was not present beneath the sump at this site. The produced water sump at this has been permanently removed. The excavation area was backfilled and contoured to match pre-existing site conditions.

LTE appreciates the opportunity to provide environmental services to Kerr-McGee. Please contact LTE at (303) 433-9788 if you have any questions regarding this Sump Closure Report or if you require additional information.

Sincerely,

LT ENVIRONMENTAL, INC.

A handwritten signature in blue ink that reads 'Kayla White'.

Kayla White, EI
Staff Environmental Engineer

A handwritten signature in blue ink that reads 'Brian Sulzberger'.

Brian Sulzberger, P.E., P.G.
Senior Engineer

Attachments:

- Figure 1 Excavation Site Map
- Table 1 Soil Sample Analytical Results
- Attachment 1 Laboratory Analytical Report





LEGEND

- SOIL SAMPLE
- - - IRRIGATION CANAL
- EXCAVATION EXTENT
- FORMER BERM
- AST: ABOVEGROUND STORAGE TANK

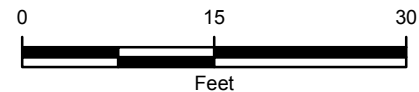


FIGURE 1
EXCAVATION SITE MAP
 UPRR 43 PAN AM Y #2
 SWNW SEC 25-T1N-R68W
 WELD COUNTY, COLORADO
 KERR-MCGEE OIL & GAS ONSHORE LP



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
UPRR 43 PAN AM Y #2
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE LP

Soil Sample ID	Depth (bgs)	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	DRO (mg/kg)	GRO (mg/kg)	ORO (mg/kg)	pH (su)	Specific Conductance (mmhos/cm)
B01@4'	4'	08/24/2018	<0.002	<0.002	<0.002	<0.002	<25.0	<0.200	<100	8.46	0.142
COGCC Allowable Levels			0.17	85	100	175	500*	500*	500*	6-9	4

Notes: bgs - below ground surface

COGCC - Colorado Oil and Gas Conservation Commission

DRO - diesel range organics

GRO - gasoline range organics

mg/kg - milligrams per kilogram

mmhos/cm - millimhos per centimeter

NA - not analyzed/not available

ORO - oil range organics

su - standard units

* - Standard applies to combined DRO-GRO-ORO

< - less than laboratory reporting limit

Bold indicates result exceeds allowable level





August 27, 2018

LT Environmental, Inc.

Brian Sulzberger

4600 West 60th Avenue

Arvada

CO 80003

Project Name - KMG - UPRR 43 Pan AM Y #2

Project Number - 014218179

Attached are your analytical results for KMG - UPRR 43 Pan AM Y #2 received by Origins Laboratory, Inc. August 24, 2018. This project is associated with Origins project number Y808364-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

LT Environmental, Inc.

4600 West 60th Avenue

Arvada CO 80003

Brian Sulzberger

Project Number: 014218179

Project: KMG - UPRR 43 Pan AM Y #2

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B01@4'	Y808364-01	Soil	August 24, 2018 15:00	08/24/2018 16:40

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jen Pellegrini For Noelle Doyle Mathis, President

Brian Sulzberger
Project Number: 014218179
Project: KMG - UPRR 43 Pan AM Y #2

ORIGINS

LABORATORY, INC



www.originslaboratory.com

page of 1

4868364

Client: CT Environmental
 Address: 4600 W 60th Ave
Arvada, CO 80003
 Telephone Number: 303 433 4788
 Email Address: Bsulzberg@HVLV.com

Project Manager: Brinn Sulzberg
 Project Name: UPPER 43 Pandam Y #2
 Project Number: 014218774
 Samples Collected By: Daniel Thomas

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis				Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa #	Other	TPH	EC	pH	
B01071	8-24-18	1500	2							X					Run
N01021		1505	1												Hold
E01021		1510	1												
S01021		1515	1												
W01021		1526	1												
B001		1525	1												
Relinquished By: 	Date: 8-24-18	Time: 1640													Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input type="checkbox"/>
Relinquished By: 	Date: 8/24/18	Time: 1640													

Temp Received: 24.9

Date Results Needed

Origins Laboratory, Inc.

Jeff Pellipini

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO 80003

Brian Sulzberger
Project Number: 014218179
Project: KMG - UPRR 43 Pan AM Y #2

Origins Laboratory

F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: 1808364 Client: LTE
Client Project ID: KMG - UPRR 43 Pan Am Y #
Checklist Completed by: JG Shipped Via: HD
(UPS, FedEx, Hand Delivered, Pick-up, etc.)
Date/time completed: 8/24/2018 Airbill #: N/A
Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: _____ (Describe)
Cooler Number/Temperature: 1 / 24.9 °C _____ / _____ °C _____ / _____ °C
Thermometer ID: T003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 8°C ⁽¹⁾ ?		<input checked="" type="checkbox"/>		<u>Same Day</u>
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)		<input checked="" type="checkbox"/>		
Additional Comments (if any):				

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

8/24/18
Date/Time Reviewed

Origins Laboratory, Inc.

Jefe Pellegrini

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO 80003

Brian Sulzberger
Project Number: 014218179
Project: KMG - UPRR 43 Pan AM Y #2

B01@4'

8/24/2018 3:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y808364-01 (Soil)

DRO/RRO by EPA8015C

Diesel (C10-C28)	ND	25.0	mg/kg	1	B8H2408	KDK	08/24/2018	08/24/2018	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	KDK	"	"	U

Surrogate: o-Terphenyl 86.5 % 59-131 " " "

GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B8H2401	JTD	08/24/2018	08/24/2018	U
Benzene	ND	0.002	"	"	"	JTD	"	"	U
Toluene	ND	0.002	"	"	"	JTD	"	"	U
Ethylbenzene	ND	0.002	"	"	"	JTD	"	"	U
Xylenes, total	ND	0.002	"	"	"	JTD	"	"	U

Surrogate: 1,2-Dichloroethane-d4 114 % 70-130 " " "
Surrogate: Toluene-d8 96.3 % 70-130 " " "
Surrogate: 4-Bromofluorobenzene 101 % 70-130 " " "

pH in Soil by EPA 9045D

pH	8.46		pH Units	1	B8H2403	OLAB	08/24/2018	08/24/2018	
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Specific Conductance by Modified 9050A

Specific Conductance (EC)	0.142	0.00500	mmhos/cm	"	B8H2404	OLAB	08/24/2018	"	
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Origins Laboratory, Inc.



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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO 80003

Brian Sulzberger
Project Number: 014218179
Project: KMG - UPRR 43 Pan AM Y #2

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8H2401 - EPA 5030 (soil)										
Blank (B8H2401-BLK1)					Prepared: 08/24/2018 Analyzed: 08/24/2018					
Gasoline Range Hydrocarbons	ND	0.200	mg/kg							U
Benzene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Surrogate: 1,2-Dichloroethane-d4	63		ug/kg	62.5		100	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	70-130			

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Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8H2401 - EPA 5030 (soil)										
Blank (B8H2401-BLK2)					Prepared: 08/24/2018 Analyzed: 08/26/2018					
Gasoline Range Hydrocarbons	ND	0.200	mg/kg							U
Benzene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Surrogate: 1,2-Dichloroethane-d4	64		ug/kg	62.5		103	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.9	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		101	70-130			

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Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8H2401 - EPA 5030 (soil)										
LCS (B8H2401-BS1)					Prepared: 08/24/2018 Analyzed: 08/24/2018					
Benzene	0.097	0.002	mg/kg	0.100		96.6	77.1-124			
Toluene	0.100	0.002	"	0.100		100	74.5-128			
Ethylbenzene	0.095	0.002	"	0.100		94.8	66.4-127			
m,p-Xylene	0.192	0.004	"	0.200		95.8	76.6-124			
o-Xylene	0.095	0.002	"	0.100		95.1	76.6-124			
Surrogate: 1,2-Dichloroethane-d4	59		ug/kg	62.5		94.8	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.7	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		98.0	70-130			

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Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8H2401 - EPA 5030 (soil)										
LCS (B8H2401-BS2)					Prepared: 08/24/2018 Analyzed: 08/24/2018					
Benzene	0.111	0.002	mg/kg	0.100		111	77.1-124			
Toluene	0.113	0.002	"	0.100		113	74.5-128			
Ethylbenzene	0.109	0.002	"	0.100		109	66.4-127			
m,p-Xylene	0.218	0.004	"	0.200		109	76.6-124			
o-Xylene	0.109	0.002	"	0.100		109	76.6-124			
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		97.8	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.6	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		100	70-130			

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Arvada CO 80003

Brian Sulzberger
Project Number: 014218179
Project: KMG - UPRR 43 Pan AM Y #2

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B8H2401 - EPA 5030 (soil)

Matrix Spike (B8H2401-MS1)		Source: Y808337-02			Prepared: 08/24/2018 Analyzed: 08/24/2018					
Benzene	0.106	0.002	mg/kg	0.100	ND	106	71.8-126			
Toluene	0.103	0.002	"	0.100	ND	103	65.1-130			
Ethylbenzene	0.102	0.002	"	0.100	ND	102	62.2-130			
m,p-Xylene	0.203	0.004	"	0.200	ND	101	46.5-137			
o-Xylene	0.103	0.002	"	0.100	ND	103	54.2-134			
Surrogate: 1,2-Dichloroethane-d4	62		ug/kg	62.5		99.8	70-130			
Surrogate: Toluene-d8	61		"	62.5		97.9	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		101	70-130			

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Brian Sulzberger
Project Number: 014218179
Project: KMG - UPRR 43 Pan AM Y #2

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B8H2401 - EPA 5030 (soil)

Matrix Spike (B8H2401-MS2)		Source: Y808338-02			Prepared: 08/24/2018 Analyzed: 08/24/2018					
Benzene	0.103	0.002	mg/kg	0.100	ND	103	71.8-126			
Toluene	0.099	0.002	"	0.100	ND	99.3	65.1-130			
Ethylbenzene	0.094	0.002	"	0.100	ND	93.9	62.2-130			
m,p-Xylene	0.188	0.004	"	0.200	ND	93.8	46.5-137			
o-Xylene	0.095	0.002	"	0.100	ND	94.8	54.2-134			
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		98.4	70-130			
Surrogate: Toluene-d8	61		"	62.5		97.8	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.6	70-130			

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Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B8H2401 - EPA 5030 (soil)

Matrix Spike Dup (B8H2401-MSD1)		Source: Y808337-02			Prepared: 08/24/2018 Analyzed: 08/24/2018					
Benzene	0.090	0.002	mg/kg	0.100	ND	90.4	71.8-126	15.6	11.3	QR-02
Toluene	0.086	0.002	"	0.100	ND	86.5	65.1-130	17.8	15.4	QR-02
Ethylbenzene	0.083	0.002	"	0.100	ND	82.5	62.2-130	21.4	19.6	QR-02
m,p-Xylene	0.164	0.004	"	0.200	ND	81.8	46.5-137	21.3	19.2	QR-02
o-Xylene	0.084	0.002	"	0.100	ND	83.8	54.2-134	20.7	17.9	QR-02
Surrogate: 1,2-Dichloroethane-d4	65		ug/kg	62.5		103	70-130			
Surrogate: Toluene-d8	61		"	62.5		97.0	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		100	70-130			

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4600 West 60th Avenue
Arvada CO 80003

Brian Sulzberger
Project Number: 014218179
Project: KMG - UPRR 43 Pan AM Y #2

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8H2401 - EPA 5030 (soil)										
Matrix Spike Dup (B8H2401-MSD2)		Source: Y808338-02			Prepared: 08/24/2018 Analyzed: 08/24/2018					
Benzene	0.090	0.002	mg/kg	0.100	ND	90.3	71.8-126	13.5	11.3	QR-02
Toluene	0.083	0.002	"	0.100	ND	83.1	65.1-130	17.8	15.4	QR-02
Ethylbenzene	0.073	0.002	"	0.100	ND	73.3	62.2-130	24.6	19.6	QR-02
m,p-Xylene	0.145	0.004	"	0.200	ND	72.7	46.5-137	25.4	19.2	QR-02
o-Xylene	0.076	0.002	"	0.100	ND	76.2	54.2-134	21.7	17.9	QR-02
Surrogate: 1,2-Dichloroethane-d4	64		ug/kg	62.5		103	70-130			
Surrogate: Toluene-d8	61		"	62.5		97.3	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	70-130			

Origins Laboratory, Inc.



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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO 80003

Brian Sulzberger
Project Number: 014218179
Project: KMG - UPRR 43 Pan AM Y #2

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Extractable Petroleum Hydrocarbons by 8015C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B8H2408 - EPA 3550B

Blank (B8H2408-BLK1)

Prepared: 08/24/2018 Analyzed: 08/24/2018

Diesel (C10-C28)	ND	50.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	200	"							U
Surrogate: o-Terphenyl	51		"	50.0		102	59-131			

LCS (B8H2408-BS1)

Prepared: 08/24/2018 Analyzed: 08/24/2018

Diesel (C10-C28)	1120	50.0	mg/kg	1000		112	64-121			
Residual Range Organics (C28-C40)	1190	200	"	1000		119	58-124			
Surrogate: o-Terphenyl	53		"	50.0		105	59-131			

Matrix Spike (B8H2408-MS1)

Source: Y808352-01

Prepared: 08/24/2018 Analyzed: 08/24/2018

Diesel (C10-C28)	1240	50.0	mg/kg	1000	143	110	53-125			
Residual Range Organics (C28-C40)	1210	200	"	1000	34.1	118	47-133			
Surrogate: o-Terphenyl	57		"	50.0		114	59-131			

Matrix Spike Dup (B8H2408-MSD1)

Source: Y808352-01

Prepared: 08/24/2018 Analyzed: 08/24/2018

Diesel (C10-C28)	1250	50.0	mg/kg	1000	143	111	53-125	0.741	20	
Residual Range Organics (C28-C40)	1200	200	"	1000	34.1	117	47-133	0.497	20	
Surrogate: o-Terphenyl	55		"	50.0		110	59-131			

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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO 80003

Brian Sulzberger
Project Number: 014218179
Project: KMG - UPRR 43 Pan AM Y #2

Classical Chemistry Parameters - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B8H2403 - NO PREP										
Duplicate (B8H2403-DUP1)		Source: Y808337-01			Prepared: 08/24/2018 Analyzed: 08/24/2018					
pH	7.91		pH Units		7.93			0.253	25	
Batch B8H2404 - NO PREP										
Blank (B8H2404-BLK1)		Prepared: 08/24/2018 Analyzed: 08/24/2018								
Specific Conductance (EC)	0.00260	0.00500	mmhos/cm							
Duplicate (B8H2404-DUP1)		Source: Y808337-01			Prepared: 08/24/2018 Analyzed: 08/24/2018					
Specific Conductance (EC)	0.127	0.00500	mmhos/cm		0.130			2.88	25	

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Notes and Definitions

U Sample is Non-Detect.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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