

FIGURES

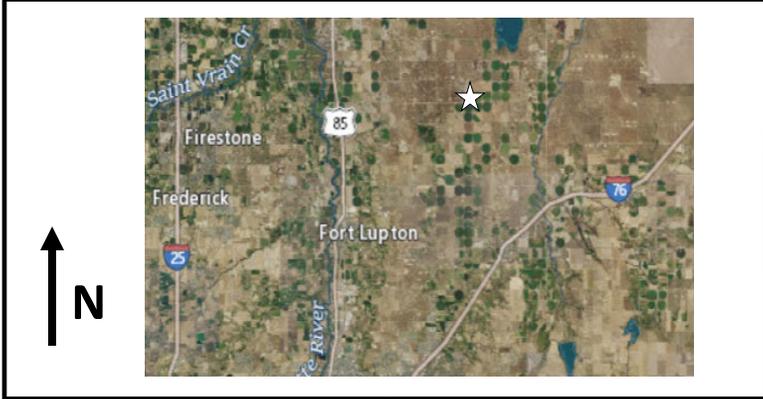
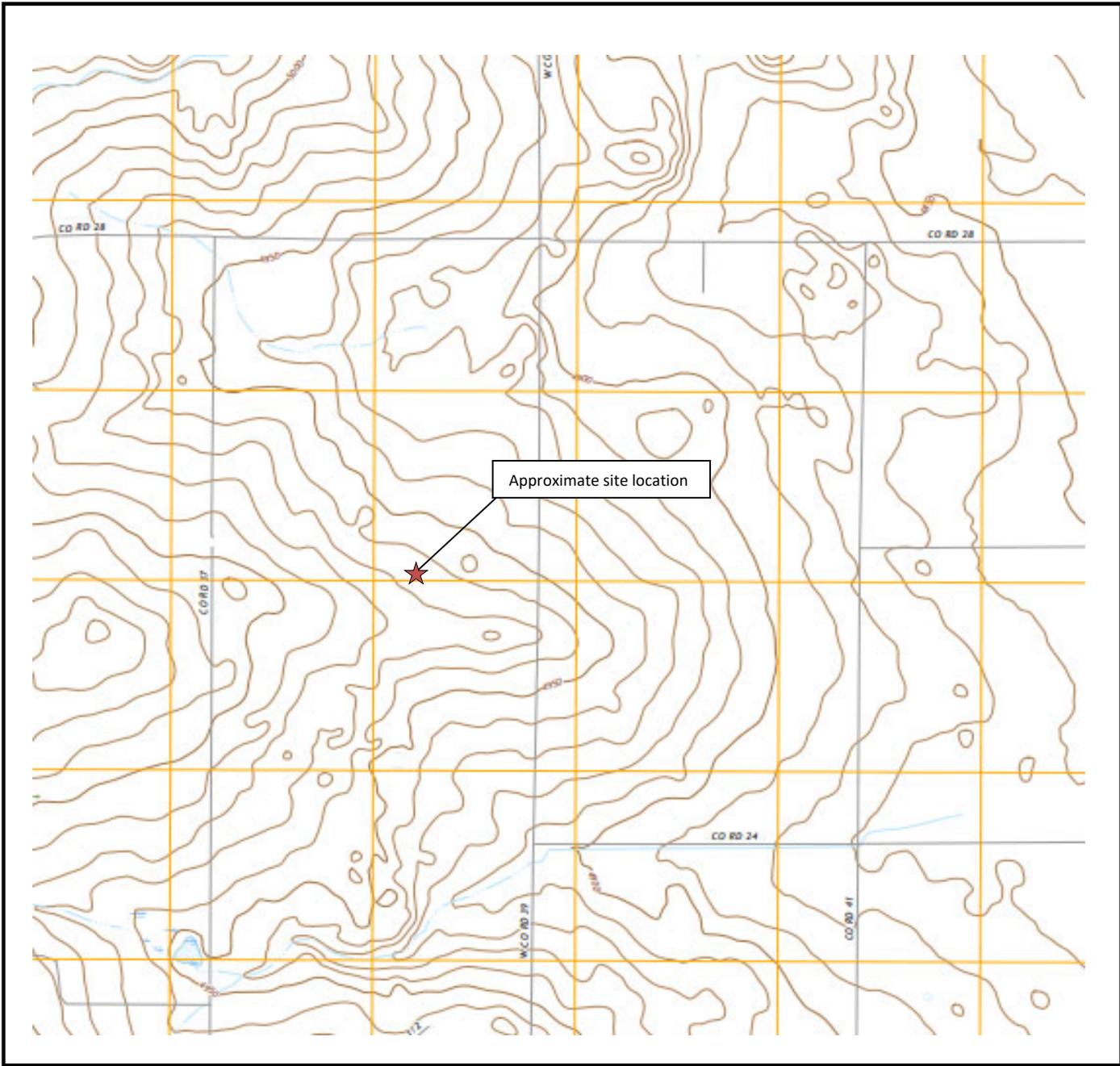
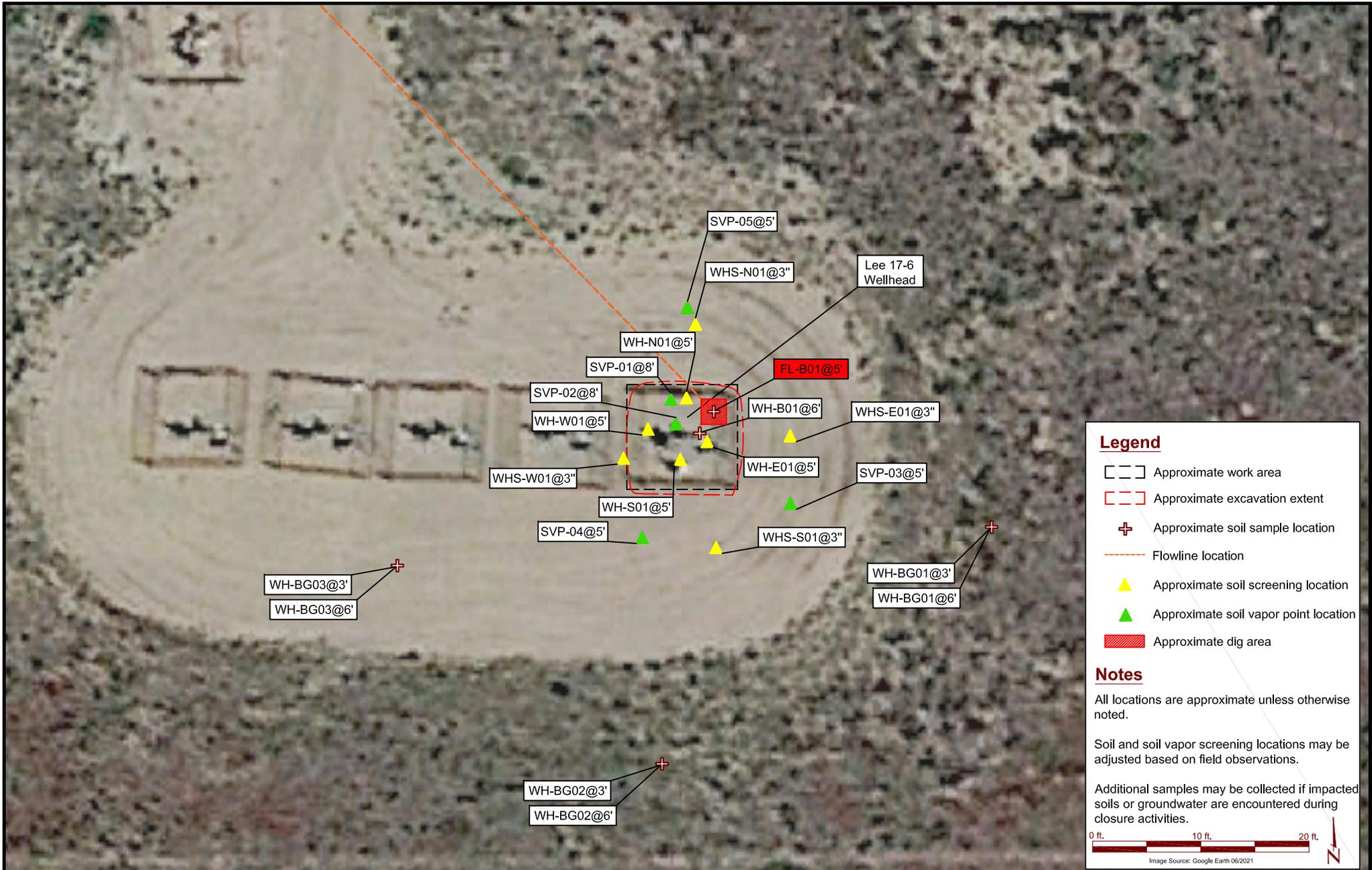


Figure 1
Site Location Map
 Kerr-McGee Oil and Gas Onshore LP
 Lee 17-6
 NWNE Sec. 6-T2N-R65W
 Weld County, Colorado



Source: USGS 7.5 Minute Topographic Map, Milton Reservoir, CO Quadrangle 2022

Drawn By: BV Date: 6/10/2022



DATE: June 16, 2022

DESIGNED BY: D. Colocda

DRAWN BY: R. Gustafson



EAGLE
ENVIRONMENTAL
CONSULTING, INC.

8000 W 44th Ave, Wheat Ridge, CO 80033
Ph: 303-433-0479 F: 303-325-5449

Kerr-McGee Oil and Gas Onshore LP
Lee 17-6
NWNE Sec. 6-T2N-R65W
Weld County, Colorado

Screening and Sample
Location Map

Figure
2

TABLES

**TABLE 1
LEE 17-6
SOIL SAMPLE FIELD DATA SUMMARY TABLE
KERR-McGEE OIL AND GAS ONSHORE LP**

Sample Location	Date	Approximate Depth (feet bgs)	PID (ppm-v)	Visual Observation	Olfactory Observation	Latitude, Longitude	Submitted for Lab Analysis (Y/N)
Wellhead Soil Samples							
WH-B01 @ 6'	06/16/22	6	11.2	N/S	N/O	40.172922, -104.703815	Y
WH-N01 @ 5'	06/16/22	5	7.0	N/S	N/O	40.172933, -104.703824	N
WH-S01 @ 5'	06/16/22	5	7.7	N/S	N/O	40.172911, -104.703827	N
WH-E01 @ 5'	06/16/22	5	8.3	N/S	N/O	40.172919, -104.703814	N
WH-W01 @ 5'	06/16/22	5	10.3	N/S	N/O	40.172922, -104.703843	N
WHS-N01 @ 3"	06/16/22	0.25	9.1	N/S	N/O	40.172961, -104.703822	N
WHS-S01 @ 3"	06/16/22	0.25	7.5	N/S	N/O	40.172878, -104.703810	N
WHS-E01 @ 3"	06/16/22	0.25	11.2	N/S	N/O	40.172921, -104.703775	N
WHS-W01 @ 3"	06/16/22	0.25	11.1	N/S	N/O	40.172911, -104.703851	N
Flowline Soil Samples							
FL-B01 @ 5'	06/16/22	5	12.4	N/S	N/O	40.17293, -104.703812	Y
FL-B02 @ 3'	06/16/22	3	9.7	N/S	N/O	40.174345, -104.697226	Y
Wellhead Background Soil Samples							
WH-BG01 @ 3'	06/16/22	3	7.2	N/S	N/O	40.172887, -104.703678	Y
WH-BG01 @ 6'	06/16/22	6	6.4	N/S	N/O	40.172887, -104.703678	Y
WH-BG02 @ 3'	06/16/22	3	14.4	N/S	N/O	40.172800, -104.703838	Y
WH-BG02 @ 6'	06/16/22	6	13.8	N/S	N/O	40.172800, -104.703838	Y
WH-BG03 @ 3'	06/16/22	3	1.2	N/S	N/O	40.172874, -104.703962	Y
WH-BG03 @ 6'	06/16/22	6	2.0	N/S	N/O	40.172874, -104.703962	Y

bgs = below ground surface
 PID = photoionization detector
 ppm-v = parts per million by volume

N/S = No Staining
 N/O = No Odor
 HC = hydrocarbon



TABLE 2
LEE 17-6
SOIL SAMPLE RESULTS SUMMARY TABLE - VOCs
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Naphthalene (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
<i>COGCC standards for soil (mg/kg)</i> ⁽¹⁾		0.0026	0.69	0.78	9.9	500			0.0038	0.0081	0.0087
<i>COGCC standards for soil (mg/kg)</i> ⁽²⁾		1.2	490	5.8	58	500			2	30	27
Wellhead Soil Samples											
WH-B01 @ 6'	06/16/22	<0.00200	<0.00200	<0.00200	<0.00200	RP	RP	RP	<0.00380	<0.00200	<0.00200
Flowline Soil Samples											
FL-B01 @ 5'	6/16/2022	<0.00200	<0.00200	<0.00200	<0.00200	RP	RP	RP	0.00638	<0.00200	<0.00200
FL-B02 @ 3'	6/16/2022	<0.00200	<0.00200	<0.00200	<0.00200	RP	RP	RP	<0.00380	<0.00200	<0.00200

Notes:

⁽¹⁾ COGCC Table 915-1: Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021

⁽²⁾ COGCC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

COGCC = Colorado Oil and Gas Conservation Commission

< = Analytical result is less than the laboratory reporting limit

mg/kg = milligrams per kilogram

Values presented in **BOLD** contained concentrations exceeding COGCC Table 915-1 Cleanup Concentrations

RP = results pending (analyzed with PAHs)

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics

TPH-DRO = Total petroleum hydrocarbons - diesel range organics

TPH-ORO = Total petroleum hydrocarbons - oil range organics

TMB = Trimethylbenzene

**ATTACHMENT A
LABORATORY DATA**



June 17, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Lee 17-6

Project Number - -

Attached are your analytical results for KMG - Lee 17-6 received by Origins Laboratory, Inc. June 16, 2022. This project is associated with Origins project number Y206417-01.

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

Eagle Environmental Consulting, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: -
Project: KMG - Lee 17-6

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-B01@6'	Y206417-01	Soil	June 16, 2022 14:00	06/16/2022 17:15
FL-B01@5'	Y206417-08	Soil	June 16, 2022 14:51	06/16/2022 17:15
FL-B02@3'	Y206417-09	Soil	June 16, 2022 14:54	06/16/2022 17:15

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, Project Manager

Eagle Environmental Consulting, Inc.
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: -
 Project: KMG - Lee 17-6

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: Y000417 Client: Eagle
 Client Project ID: Lee 17-6
 Checklist Completed by: AKH Shipped Via: TD
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Date/time completed: 01/16/12 Airbill #: NA
 Matrix(s) Received: (Check all that apply): 1 Soil/Solid Water Other:
 Cooler Number/Temperature: 1 / 1-3 °C / °C / °C (Describe) °C
 Thermometer ID: TC04

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<u>2</u>			
Is there ice present (document if blue ice is used)	<u>—</u>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<u>—</u>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<u>—</u>		
Were all samples received intact ⁽¹⁾ ?	<u>—</u>			
Was adequate sample volume provided ⁽¹⁾ ?	<u>—</u>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<u>—</u>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<u>—</u>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<u>—</u>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<u>—</u>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<u>—</u>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<u>—</u>	
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)			<u>—</u>	
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.

Kelly
 Reviewed by (Project Manager)

01/16/12
 Date/Time Reviewed

Origins Laboratory, Inc.

Jen Pellegrini

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.

Eagle Environmental Consulting, Inc.
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: -
 Project: KMG - Lee 17-6

WH-B01@6'
6/16/2022 2:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y206417-01 (Soil)

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2F1622	JMA	06/16/2022	06/17/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JMA	"	"	U
Benzene	ND	0.00200	"	"	"	JMA	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JMA	"	"	U
Naphthalene	ND	0.00380	"	"	"	JMA	"	"	U
Toluene	ND	0.00200	"	"	"	JMA	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JMA	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JMA	"	"	U

Surrogate: 1,2-Dichloroethane-d4	109 %	70-130			"	"	"	"
Surrogate: Toluene-d8	90.1 %	70-130			"	"	"	"
Surrogate: 4-Bromofluorobenzene	100 %	70-130			"	"	"	"

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, Inc.
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: -
 Project: KMG - Lee 17-6

FL-B01@5'

6/16/2022 2:51:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y206417-08 (Soil)

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2F1622	JMA	06/16/2022	06/17/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JMA	"	"	U
Benzene	ND	0.00200	"	"	"	JMA	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JMA	"	"	U
Naphthalene	0.00638	0.00380	"	"	"	JMA	"	"	
Toluene	ND	0.00200	"	"	"	JMA	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JMA	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JMA	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	90.0 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"	"	

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, Inc.
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: -
 Project: KMG - Lee 17-6

FL-B02@3'

6/16/2022 2:54:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y206417-09 (Soil)

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2F1622	JMA	06/16/2022	06/17/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JMA	"	"	U
Benzene	ND	0.00200	"	"	"	JMA	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JMA	"	"	U
Naphthalene	ND	0.00380	"	"	"	JMA	"	"	U
Toluene	ND	0.00200	"	"	"	JMA	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JMA	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JMA	"	"	U

Surrogate: 1,2-Dichloroethane-d4	108 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	89.8 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"	"	

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, Inc.
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: -
 Project: KMG - Lee 17-6

Volatile Organic Compounds by GC/MS SW846 8260D - 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 B2F1622 - EPA 5030 (soil)

Blank (B2F1622-BLK1)

Prepared: 06/16/2022 Analyzed: 06/16/2022

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.0100	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125	91.1		70-130			
Surrogate: Toluene-d8	0.12		"	0.125	92.7		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	99.2		70-130			

Origins Laboratory, Inc.



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 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: -
 Project: KMG - Lee 17-6

Volatile Organic Compounds by GC/MS SW846 8260D - 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 B2F1622 - EPA 5030 (soil)

LCS (B2F1622-BS1)

Prepared: 06/16/2022 Analyzed: 06/16/2022

1,2,4-Trimethylbenzene	0.116	0.00200	mg/kg	0.100		116	70-130			
1,3,5-Trimethylbenzene	0.116	0.00200	"	0.100		116	70-130			
Benzene	0.0972	0.00200	"	0.100		97.2	70-130			
Ethylbenzene	0.108	0.00200	"	0.100		108	70-130			
Naphthalene	0.114	0.0100	"	0.100		114	70-130			
Toluene	0.0965	0.00200	"	0.100		96.5	70-130			
o-Xylene	0.108	0.00200	"	0.100		108	70-130			
m,p-Xylene	0.224	0.00400	"	0.200		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		92.6	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Eagle Environmental Consulting, Inc.
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: -
 Project: KMG - Lee 17-6

Volatile Organic Compounds by GC/MS SW846 8260D - 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 B2F1622 - EPA 5030 (soil)

Matrix Spike (B2F1622-MS1)	Source: Y206411-01			Prepared: 06/16/2022 Analyzed: 06/16/2022						
1,2,4-Trimethylbenzene	0.114	0.00200	mg/kg	0.100	ND	114	70-130			
1,3,5-Trimethylbenzene	0.113	0.00200	"	0.100	ND	113	70-130			
Benzene	0.0989	0.00200	"	0.100	ND	98.9	70-130			
Ethylbenzene	0.104	0.00200	"	0.100	ND	104	70-130			
Naphthalene	0.128	0.0100	"	0.100	ND	128	70-130			
Toluene	0.0962	0.00200	"	0.100	ND	96.2	70-130			
o-Xylene	0.105	0.00200	"	0.100	ND	105	70-130			
m,p-Xylene	0.215	0.00400	"	0.200	ND	107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.7	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		91.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: -
 Project: KMG - Lee 17-6

Volatile Organic Compounds by GC/MS SW846 8260D - 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 B2F1622 - EPA 5030 (soil)

Matrix Spike Dup (B2F1622-MSD1)	Source: Y206411-01			Prepared: 06/16/2022 Analyzed: 06/16/2022						
1,2,4-Trimethylbenzene	0.115	0.00200	mg/kg	0.100	ND	115	70-130	0.857	20	
1,3,5-Trimethylbenzene	0.114	0.00200	"	0.100	ND	114	70-130	0.810	20	
Benzene	0.101	0.00200	"	0.100	ND	101	70-130	1.64	20	
Ethylbenzene	0.106	0.00200	"	0.100	ND	106	70-130	1.31	20	
Naphthalene	0.132	0.0100	"	0.100	ND	132	70-130	3.08	20	QM-07
Toluene	0.0972	0.00200	"	0.100	ND	97.2	70-130	1.08	20	
o-Xylene	0.106	0.00200	"	0.100	ND	106	70-130	0.987	20	
m,p-Xylene	0.217	0.00400	"	0.200	ND	109	70-130	1.05	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.8	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		91.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.6	70-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: -
Project: KMG - Lee 17-6

Notes and Definitions

U Sample is Non-Detect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

ATTACHMENT B
FIELD NOTES AND PHOTOGRAPHIC LOG

Flowline Closure Checklist

COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form

Additional Attachments:		Tank Battery Closure		Wellhead Closure		Pit Closure		Partially Buried Vault Closure
Site Name & COGCC Facility Number: 33290		Date: 6-16-22		Remediation Project #: 23530				
Associated Wells: Lee 17-G		Age of Site:		Number of Photos Attached:				

Starting point: (GPS coordinates and descriptions)
40.17293, -104.703812

End point: (GPS coordinates and descriptions)
40.174345, -104.697226

USCS Soil Type: **SM - silty sand** Estimated Depth to Groundwater: **< 20'**

Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)
~~None~~ **Hydrocarbon impacted soils discovered at 5'**

Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)
none observed

Flowlines

Flowline type	Depth	Age	Length	Construction Material	Were flowlines pulled?	Visual Integrity of lines	Visual impacts if trenched	PID Readings if trenched	Sample taken? Location/Sample ID#	Photo Number(s)
			2400'		NO			12.4 9.7	FL-B01C5' FL-B02E3'	

Other observations regarding on location flowlines:
Remaining field screenings on attached table, range from 9.7 - 12.4 ppm

Summary

Was impacted soil identified?	
No	<input checked="" type="checkbox"/> - less than 10 cubic yards
Yes - more than 10 cubic yards	
Total number of samples field screened: 2	Total number of samples collected: 2
Highest PID Reading: 12.4	Total number of samples submitted to lab for analysis: 2
If more than 10 cubic yards of impacted soil were observed:	
Vertical extent:	Estimated spill volume:
Lateral extent:	Volume of soil removed:
Is additional investigation required?	
Was groundwater encountered during the investigation?	
<input checked="" type="checkbox"/> Yes - not impacted or in contact with impacted soils	Yes - groundwater impacted and/or in contact with impacted soils
Measured depth to groundwater:	Was remedial groundwater removal conducted? Yes No
Date Groundwater was encountered:	Commencement date of removal:
Seen on groundwater? Yes No	Volume of groundwater removed prior to sampling:
Free product observed? Yes No	Volume of groundwater removed post sampling:
Total number of samples collected:	Total Volume of groundwater removed:
Total number of samples submitted to lab for analysis:	

Wellhead Closure Checklist

COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form

Additional attachments (optional):		Pit Closure		Tank Battery Closure		Flowline Closure		Partially Buried Vault Closure
Site Name & COGCC Facility Number: Lee 17-6		Date: 6-16-22		Remediation Project #: 23530				
Associated Wells:		Age of Site:		Number of Photos Attached:				
Location: (GPS coordinates of wellhead or southeastern most wellhead for multiple) 40.172924, -104.703829						Estimated Facility Size (acres):		

General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.)
Good condition

USCS Soil Type: **SM - Silty sand** Estimated Depth to Groundwater: **220'**

Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)
Hydrocarbon impacted soils discovered at 5'

Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)
None observed

Wellhead(s)						
Well API	05-123-33290					
Age						
Condition of surface around wellhead	good					
PID Readings						
Condition of subsurface (stabilize present)						
PID Readings	11.2	7.0	7.7	8.3	10.3	12.4
Sample taken? Location/Sample ID#	WH-B01E6'	WH-N01E5'	WH-S01E5'	WH-E01E5'	WH-W01E5'	FL-B01E5'
Photo Number(s)						

Other observations regarding wellheads:
Remaining field screenings are on attached table, range from 1.2 - 14.4 ppm

Summary

Was impacted soil identified?
 No **Yes - less than 10 cubic yards** Yes - more than 10 cubic yards

Total number of samples field screened: **17** Total number of samples collected: **9**

Highest PID Reading: **14.4 ppm** Total number of samples submitted to lab for analysis: **9**

If more than 10 cubic yards of impacted soil were observed:

Vertical extent: _____ Estimated spill volume: _____

Lateral extent: _____ Volume of soil removed: _____

Is additional investigation required? _____

Was groundwater encountered during the investigation?
 No Yes - not impacted or in contact with impacted soils Yes - groundwater impacted and/or in contact with impacted soils

Measured depth to groundwater: _____ Was remedial groundwater removal conducted? Yes No

Date Groundwater was encountered: _____ Commencement date of removal: _____

Sheen on groundwater? Yes No Volume of groundwater removed prior to sampling: _____

Free product observed? Yes No Volume of groundwater removed post sampling: _____

Total number of samples collected: _____ Total Volume of groundwater removed: _____

Total number of samples submitted to lab for analysis: _____

Lee 17-6

Photographic Log

Remediation #23530

Wellhead and Flowline Decommissioning



EAGLE
ENVIRONMENTAL
CONSULTING, INC.

8000 W 44th Ave, Wheat Ridge, CO 80033
Ph: 303-433-0479 • F: 303-325-5449

Wellhead



Wellhead sample locations looking North.
SVP = soil vapor point



Wellhead surface sample location looking Northwest.

Wellhead



Wellhead surface sample locations looking East.



SVP location looking Northeast.

Wellhead



Wellhead background soil sample location looking East.

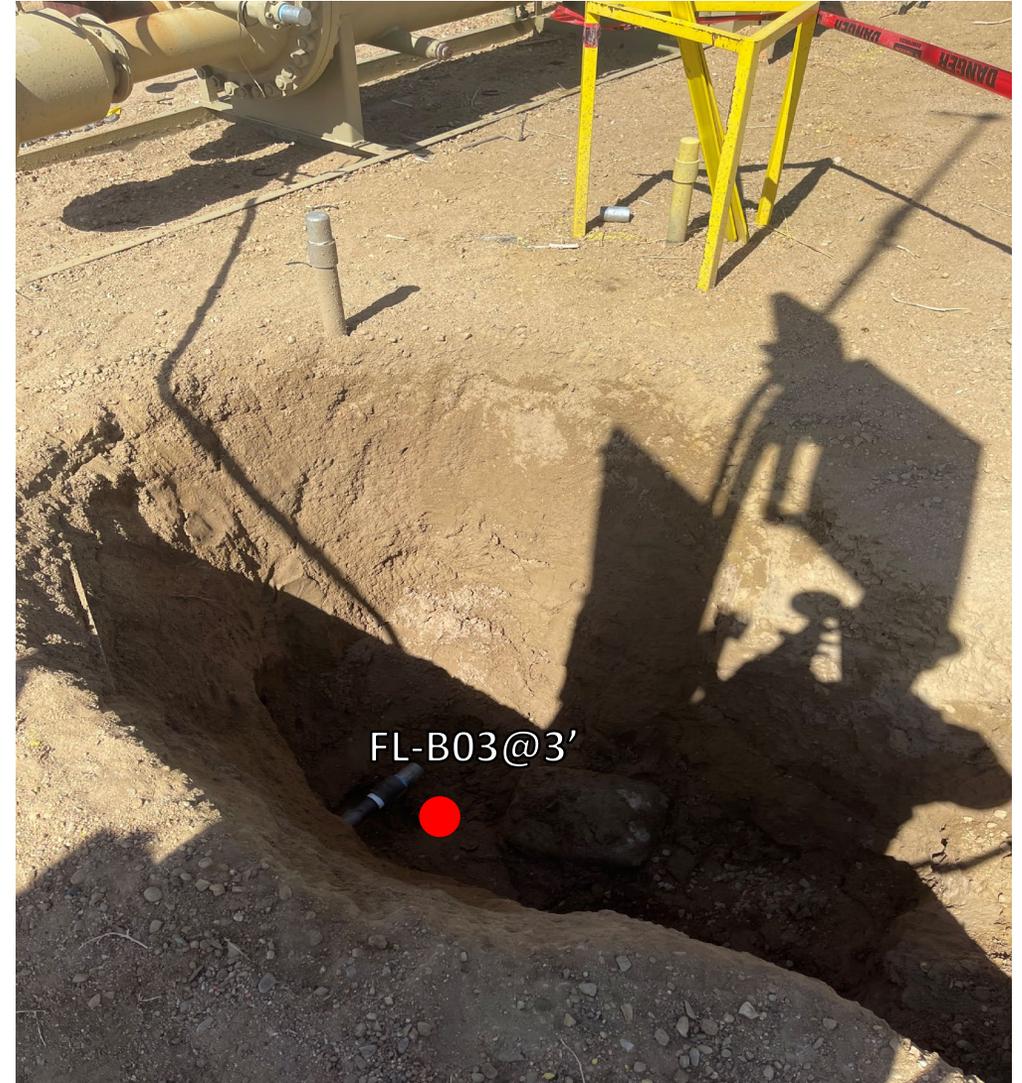


Wellhead background soil sample location looking South.

Flowline/Wellhead



Wellhead background soil sample location looking West.



Flowline soil sample location looking north.

**ATTACHMENT C
STATE NOTIFICATION**



Fri, Jun 17, 2022 at 11:03 AM

From: Riemer, Joseph
Sent: Friday, June 17, 2022 11:02 AM
To: Hamilton, Gregory <Gregory_Hamilton@oxy.com>; Laurel.anderson@state.co.us; Roy Rudisill (<rrudisill@co.weld.co.us> <rrudisill@co.weld.co.us>; 'Jason Maxey' <jmaxey@weldgov.com>
Cc: Scranton, Lynna <Lynna_Scranton@oxy.com>; Mickelson, Erik <Erik_Mickelson@oxy.com>; Rowley, Taylor <Taylor_Rowley@oxy.com>; Bugarin, Eve (New Tech Global Rig Personnel LLC) <Eve_Bugarin@oxy.com>; Lytle, Andy <Andrew_Lytle@oxy.com>; Jobe, Don <Don_Jobe@oxy.com>; Grage, Mark <Mark_Grage@oxy.com>; Brice, Jennifer <Jennifer_Brice@oxy.com>; Neely, Dewey (Platteville) <Dewey_Neely2@oxy.com>; Coleman, Julie <Julie_Coleman@oxy.com>; Wells, Matt <Matthew_Wells@oxy.com>; Mathes, Robert <Robert_Mathes@oxy.com>; Hamlin, Mark G <Mark_Hamlin@oxy.com>; Marshall, Shayelyn <Shayelyn_marshall@oxy.com>; Wells, Matt <Matthew_Wells@oxy.com>; Ochoa, Ariana <Ariana_Ochoa@oxy.com>
Subject: State Reportable Release 24 Hour Notification - Lee 17-6

Good morning,

We identified a state reportable release following identification of historically impacted soil of an unknown volume. This release was not an active release and therefore controlled. Clean-up activities are currently in process and a Form 19 Release Report is forthcoming. This release did not threaten Waters of the State, Public Water System, residences or occupied structures, livestock, wildlife, air quality, or publicly-maintained roads.

The following have been notified via specified method below:

- Weld County via electronic mail
- Surface Owner notification is in process

The Environmental Release/Incident Report Hotline and Colorado Parks and Wildlife were not contacted as this release did not trigger notification requirements per 912.b.(2)B.

Location Details:

- Wellhead Name: Lee 17-6
- Location: NUNE 6 2N 65W
- Latitude/Longitude: 40.172924 / -104.703829
- Wellhead ID: 05-123-33290

Thank you,

Joseph Riemer, MS, MBA, RSO

ENVIRONMENTAL ADVISOR, HSE ROCKIES

Office: 720.929.6090 | Denver, Co

Zero In™ at oxy.com

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