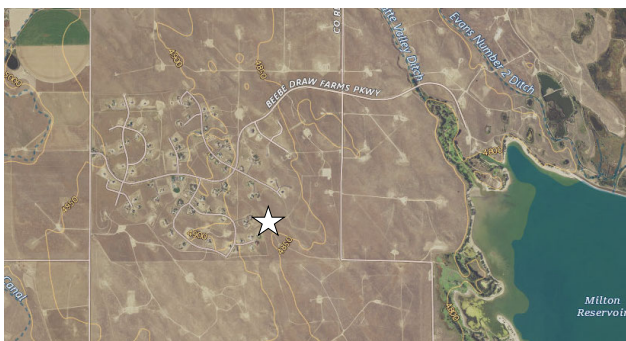


## FIGURES



**Figure 1**

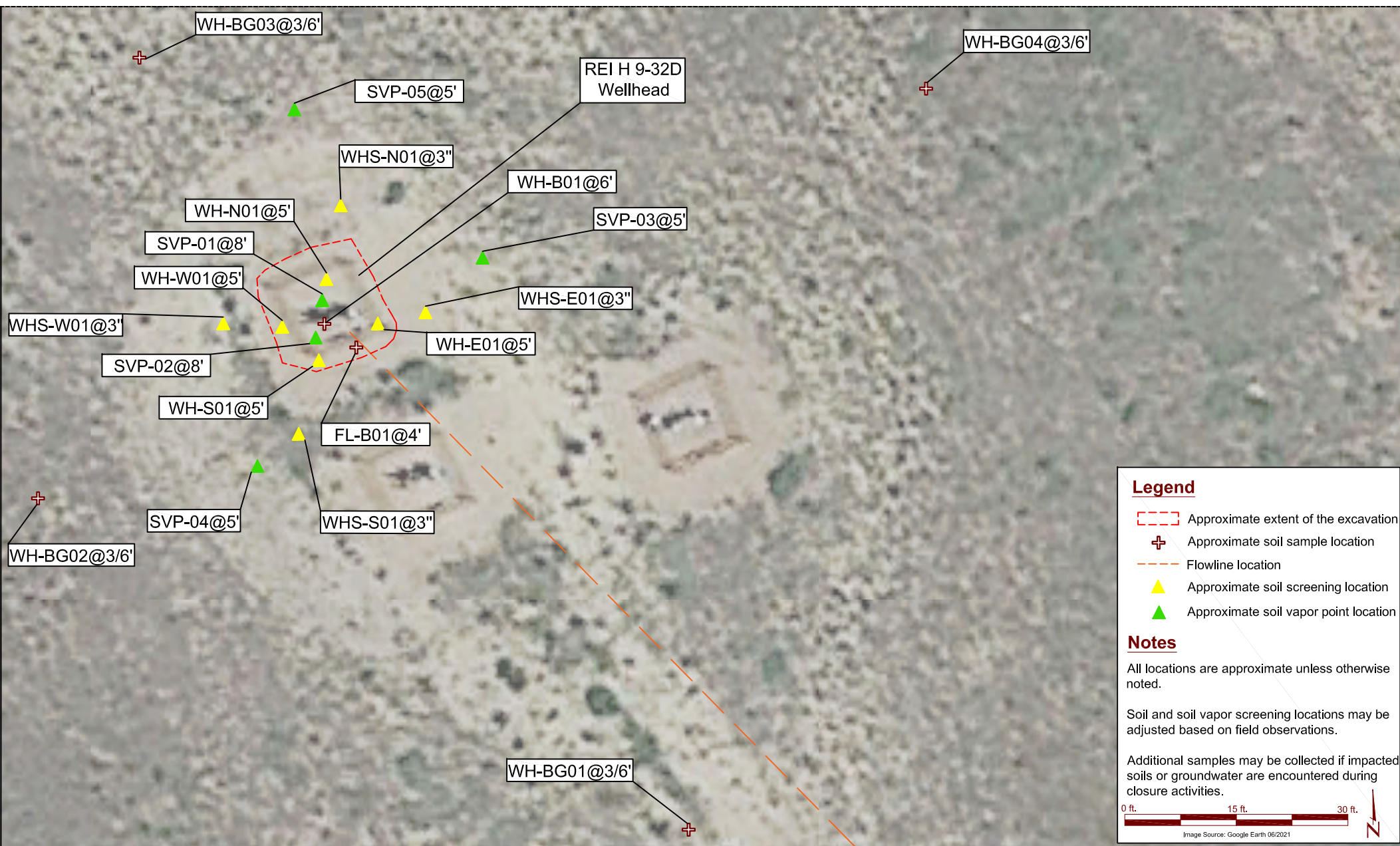
**Site Location Map**  
**Kerr-McGee Oil and Gas Onshore LP**  
**REI H 9-32D**  
 SWSW Sec.9-T3N-R65W  
 Weld County, Colorado




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

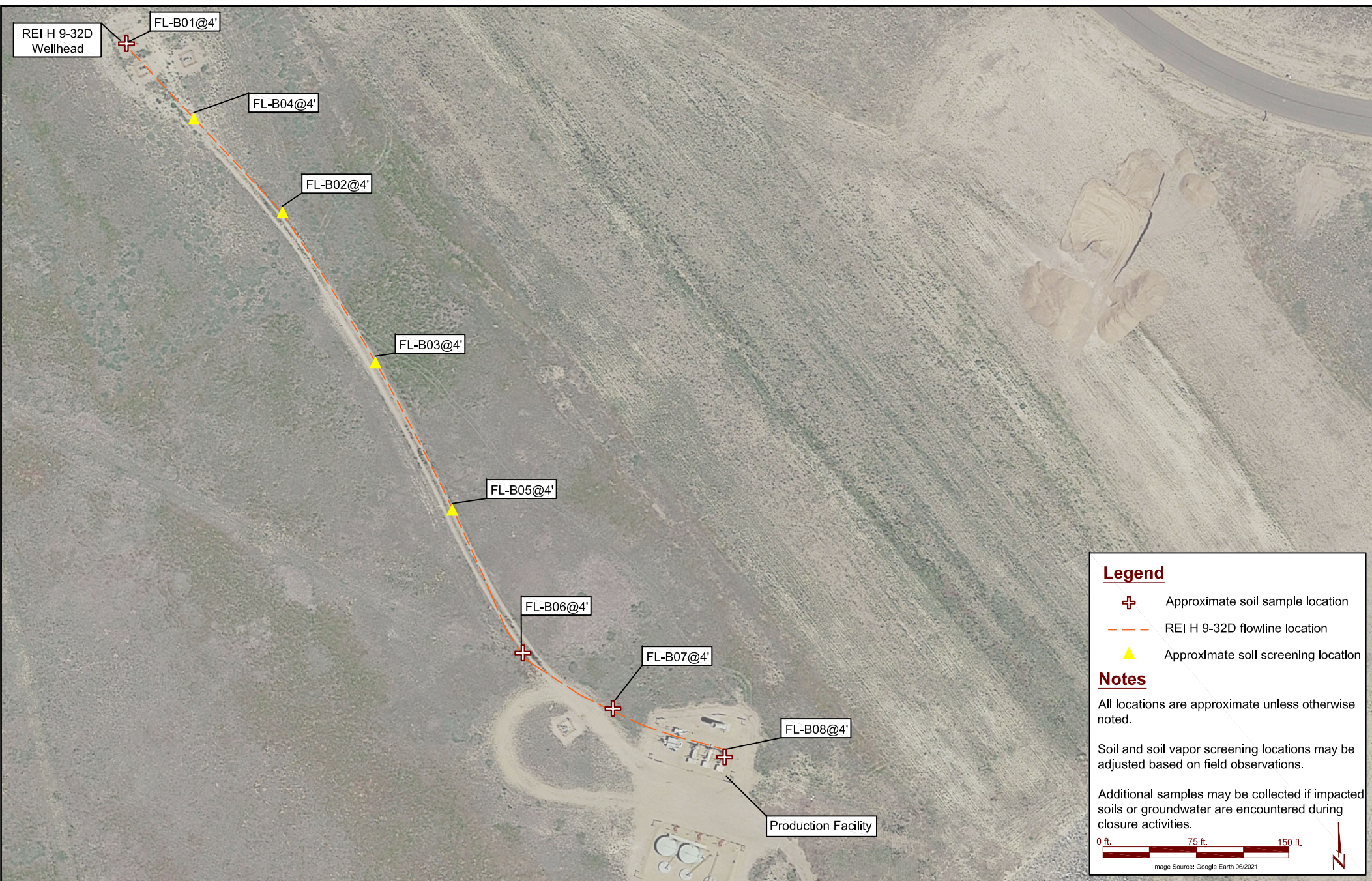
Drawn By: HA Date: 03/27/2023





DATE: June 9, 2023	 <b>EAGLE</b> ENVIRONMENTAL CONSULTING, LLC <small>8000 W 44th Ave, Wheat Ridge, CO 80033          Ph: 303-433-0479 • F: 303-325-5449</small>	<b>Kerr-McGee Oil and Gas Onshore LP</b> <b>REI H 9-32D Wellhead</b> SWSW Sec. 9-T3N-R65W Weld County, Colorado	Screening and Sample Location Map	Figure 2
DESIGNED BY: D. Coloccia				
DRAWN BY: H. Anderson				





DATE:	June 9, 2023
DESIGNED BY:	D. Coloccia
DRAWN BY:	H. Anderson



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

**Kerr-McGee Oil and Gas Onshore LP**  
**REI H 9-32D Flowline**  
SWSW Sec. 9-T3N-R65W  
Weld County, Colorado

Screening and Sample  
Location Map

Figure  
3



## **TABLES**



**TABLE 1**  
**REI H 9-32D**  
**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)
<b>Wellhead Soil Samples</b>							
WH-B01 @ 6'	06/06/23	6	0.8	N/S	N/O	40.23545714, -104.6765861	Y
WH-N01 @ 5'	06/06/23	5	1.1	N/S	N/O	40.23547354, -104.6765844	N
WH-S01 @ 5'	06/06/23	5	1.3	N/S	N/O	40.23543954, -104.6765812	N
WH-E01 @ 5'	06/06/23	5	0.9	N/S	N/O	40.23545604, -104.6765669	N
WH-W01 @ 5'	06/06/23	5	0.7	N/S	N/O	40.23545578, -104.6766048	N
WHS-N01 @ 3"	06/06/23	0.25	0.4	N/S	N/O	40.23550467, -104.6765817	N
WHS-S01 @ 3"	06/06/23	0.25	1.2	N/S	N/O	40.23540792, -104.676587	N
WHS-E01 @ 3"	06/06/23	0.25	1.0	N/S	N/O	40.23545809, -104.6765294	N
WHS-W01 @ 3"	06/06/23	0.25	0.6	N/S	N/O	40.23545714, -104.6766422	N
<b>Flowline Soil Samples</b>							
FL-B01 @ 4'	6/6/2023	4	1.5	N/S	N/O	40.23544375, -104.6765622	Y
FL-B02 @ 4'	6/6/2023	4	0.8	N/S	N/O	40.23506114, -104.6761581	N
FL-B03 @ 4'	6/6/2023	4	0.3	N/S	N/O	40.23471094, -104.6758784	N
FL-B04 @ 4'	6/7/2023	4	0.6	N/S	N/O	40.23528162, -104.6763972	N
FL-B05 @ 4'	6/7/2023	4	0.6	N/S	N/O	40.23441693, -104.6757018	N
<b>FL-B06 @ 4'</b>	<b>6/7/2023</b>	<b>4</b>	<b>0.5</b>	<b>N/S</b>	<b>N/O</b>	<b>40.2341259, -104.6754511</b>	<b>Y</b>
<b>FL-B07 @ 4'</b>	<b>6/7/2023</b>	<b>4</b>	<b>0.9</b>	<b>N/S</b>	<b>N/O</b>	<b>40.23399448, -104.6752072</b>	<b>Y</b>
<b>FL-B08 @ 4'</b>	<b>6/7/2023</b>	<b>4</b>	<b>19.0</b>	<b>N/S</b>	<b>Slight HC odor</b>	<b>40.23389368, -104.674879</b>	<b>Y</b>
<b>Wellhead Background Soil Samples</b>							
WH-BG01 @ 3'	6/6/2023	3	0.4	N/S	N/O	40.23522877, -104.6764245	Y
WH-BG01 @ 6'	6/6/2023	6	1.3	N/S	N/O	40.23522877, -104.6764245	Y
WH-BG02 @ 3'	6/6/2023	3	1.4	N/S	N/O	40.23537582, -104.6767723	Y
WH-BG02 @ 6'	6/6/2023	6	1.6	N/S	N/O	40.23537582, -104.6767723	Y
WH-BG03 @ 3'	6/6/2023	3	1	N/S	N/O	40.23560706, -104.6767162	Y
WH-BG03 @ 6'	6/6/2023	6	1.2	N/S	N/O	40.23560706, -104.6767162	Y
WH-BG04 @ 3'	6/6/2023	3	1.4	N/S	N/O	40.23554526, -104.6763179	Y
WH-BG04 @ 6'	6/6/2023	6	1.7	N/S	N/O	40.23554526, -104.6763179	Y

bgs = below ground surface

N/S = No Staining

PID = photoionization detector

N/O = No Odor

HC = hydrocarbon ppm-v = parts per million by volume

**BOLD** = COGCC Table 915-1 exceedance



**TABLE 2**  
**REI H 9-32D**  
**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)
COGCC standards for soil (mg/kg) <sup>(1)</sup>		0.0026	0.69	0.78	9.9	500			0.0038	0.0081	0.0087
COGCC standards for soil (mg/kg) <sup>(2)</sup>		1.2	490	5.8	58	500			2	30	27
Wellhead Soil Samples											
WH-B01 @ 6'	06/06/23	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00380	<0.00200	<0.00200
Flowline Soil Samples											
FL-B01 @ 4'	6/6/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00380	<0.00200	<0.00200
FL-B06 @ 4'	6/7/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	0.0120	<0.00200	<0.00200
FL-B07 @ 4'	6/7/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	193	109	0.0155	<0.00200	<0.00200
FL-B08 @ 4'	6/7/2023	<0.00200	<0.00200	0.0718	0.139	<0.200	80.5	<100	0.0850	<0.00200	<0.00200

**Notes:**

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

<sup>(2)</sup> 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

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 07, 2023

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - REI H 9-32D

Project Number - [none]

Attached are your analytical results for KMG - REI H 9-32D received by Origins Laboratory, Inc. June 06, 2023. This project is associated with Origins project number Y306134-01.

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, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - REI H 9-32D

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-B01@6'	Y306134-01	Soil	June 6, 2023 13:44	06/06/2023 17:50
FL-B01@4'	Y306134-02	Soil	June 6, 2023 13:55	06/06/2023 17:50

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 Jordan A. Bynon, Project Manager

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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

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

**ORIGINS**  
LABORATORY, INC

1306134

www.originslaboratory.com

page 1 of 1

Client: Eagle Environmental (ex)  
Address: 8000 W 44th Ave  
Wheat Ridge, CO 80033  
Telephone Number: 303-433-0479  
Email Address: dcoloccia@eagle-envire.com  
Project Manager: D. Coloccia  
Project Name: REI H 9-32D  
Project Number: -  
Samples Collected By: CS

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix		Analysis					Sample Instructions			
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air Summa Canister #	Other	BTEX	TPH		EC1ph	SAR	Boron
WH-B601E6'	6/6/13	1344	3	X							X	X	X	X	X		1
FL-B601E4'		1355	3								X	X	X	X	X		2
WH-B601E3'		1510	2														3
WH-B601E6'		1512	2														4
WH-B602E3'		1514	2														5
WH-B602E6'		1516	2														6
WH-B603E3'		1518	2														7
WH-B603E6'		1520	2														8
WH-B604E3'		1522	2														9
WH-B604E6'		1524	2														10

Temp Received- 2

Date Results Needed

Relinquished By: [Signature]  
Date: 6/1/13  
Time: 750  
Received By: [Signature]  
Date: 6/6/13  
Time: 750  
Turnaround Time:  
Same Day ☒ 24 Hr ☐  
48 Hr ☐ 72 Hr ☐  
Standard ☐

Origins Laboratory, Inc.

*Jefe 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, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

Origins Laboratory

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

## Sample Receipt Checklist

Origins Work Order: U30613A

Client: Eagle Environmental

Client Project ID: REI H 9-32D

Checklist Completed by: EHS

Shipped Via: Hand Delivered  
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 6/6/23

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: \_\_\_\_\_

Cooler Number/Temperature: 112 °C 1 °C 1 °C (Describe) °C

Thermometer ID: T004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input type="checkbox"/>	<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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (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 <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup>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.

[Signature]  
Reviewed by (Project Manager)

6/6/23  
Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

WH-B01@6'

6/6/2023 1:44:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.  
Y306134-01 (Soil)

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3F0628	ZZZ	06/06/2023	06/07/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl 94.9 % 50-150 " " "

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3F0632	JSM	06/06/2023	06/06/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 96.6 % 70-130 " " "  
Surrogate: Toluene-d8 96.3 % 70-130 " " "  
Surrogate: 4-Bromofluorobenzene 84.2 % 70-130 " " "

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.

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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

FL-B01@4'

6/6/2023 1:55:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.  
Y306134-02 (Soil)

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3F0628	ZZZ	06/06/2023	06/07/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl 93.1 % 50-150 " " "

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3F0632	JSM	06/06/2023	06/06/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 95.0 % 70-130 " " "  
Surrogate: Toluene-d8 96.9 % 70-130 " " "  
Surrogate: 4-Bromofluorobenzene 83.8 % 70-130 " " "

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.

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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3F0628 - EPA 3550B										
Blank (B3F0628-BLK1)					Prepared: 06/06/2023 Analyzed: 06/06/2023					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	24		"	24.9		95.3	50-150			

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.



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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3F0628 - EPA 3550B										
LCS (B3F0628-BS1)					Prepared: 06/06/2023 Analyzed: 06/06/2023					
Diesel (C10-C28)	922	50.0	mg/kg	1000		92.2	70-130			
Residual Range Organics (C28-C40)	946	200	"	1000		94.6	70-130			
Surrogate: o-Terphenyl	58		"	49.8		117	50-150			

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.*

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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B3F0628 - EPA 3550B

Matrix Spike (B3F0628-MS1)		Source: Y306128-01			Prepared: 06/06/2023 Analyzed: 06/06/2023					
Diesel (C10-C28)	896	50.0	mg/kg	1000	ND	89.6	70-130			
Residual Range Organics (C28-C40)	921	200	"	1000	ND	92.1	70-130			
Surrogate: o-Terphenyl	54		"	49.8		108	50-150			

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.

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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3F0628 - EPA 3550B										
Matrix Spike Dup (B3F0628-MSD1)		Source: Y306128-01			Prepared: 06/06/2023 Analyzed: 06/06/2023					
Diesel (C10-C28)	916	50.0	mg/kg	1000	ND	91.6	70-130	2.14	35	
Residual Range Organics (C28-C40)	926	200	"	1000	ND	92.6	70-130	0.441	35	
Surrogate: o-Terphenyl	55		"	49.8		110	50-150			

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.



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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3F0632 - EPA 5030 (soil)</b>										
<b>Blank (B3F0632-BLK1)</b>					Prepared: 06/06/2023 Analyzed: 06/06/2023					
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	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		93.7	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		84.5	70-130			

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.

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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

**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
<b>Batch B3F0632 - EPA 5030 (soil)</b>										
<b>LCS (B3F0632-BS1)</b>					Prepared: 06/06/2023 Analyzed: 06/06/2023					
1,2,4-Trimethylbenzene	0.112	0.00200	mg/kg	0.100		112	70-130			
1,3,5-Trimethylbenzene	0.110	0.00200	"	0.100		110	70-130			
Benzene	0.114	0.00200	"	0.100		114	70-130			
Ethylbenzene	0.105	0.00200	"	0.100		105	70-130			
Naphthalene	0.116	0.00380	"	0.100		116	70-130			
Toluene	0.105	0.00200	"	0.100		105	70-130			
o-Xylene	0.108	0.00200	"	0.100		108	70-130			
m,p-Xylene	0.218	0.00400	"	0.200		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		91.2	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		91.7	70-130			

Origins Laboratory, Inc.



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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

## 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 B3F0632 - EPA 5030 (soil)

Matrix Spike (B3F0632-MS1)		Source: Y306132-09			Prepared: 06/06/2023 Analyzed: 06/06/2023					
1,2,4-Trimethylbenzene	0.103	0.00200	mg/kg	0.100	ND	103	70-130			
1,3,5-Trimethylbenzene	0.101	0.00200	"	0.100	ND	101	70-130			
Benzene	0.104	0.00200	"	0.100	ND	104	70-130			
Ethylbenzene	0.0995	0.00200	"	0.100	ND	99.5	70-130			
Naphthalene	0.120	0.00380	"	0.100	0.000760	119	70-130			
Toluene	0.0964	0.00200	"	0.100	ND	96.4	70-130			
o-Xylene	0.102	0.00200	"	0.100	ND	102	70-130			
m,p-Xylene	0.205	0.00400	"	0.200	ND	103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		91.5	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		94.8	70-130			

Origins Laboratory, Inc.



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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

**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
<b>Batch B3F0632 - EPA 5030 (soil)</b>										
<b>Matrix Spike Dup (B3F0632-MSD1)</b>		<b>Source: Y306132-09</b>			Prepared: 06/06/2023 Analyzed: 06/06/2023					
1,2,4-Trimethylbenzene	0.103	0.00200	mg/kg	0.100	ND	103	70-130	0.156	20	
1,3,5-Trimethylbenzene	0.102	0.00200	"	0.100	ND	102	70-130	0.276	20	
Benzene	0.103	0.00200	"	0.100	ND	103	70-130	0.502	20	
Ethylbenzene	0.0965	0.00200	"	0.100	ND	96.5	70-130	3.04	20	
Naphthalene	0.113	0.00380	"	0.100	0.000760	112	70-130	6.26	20	
Toluene	0.0949	0.00200	"	0.100	ND	94.9	70-130	1.57	20	
o-Xylene	0.0997	0.00200	"	0.100	ND	99.7	70-130	2.71	20	
m,p-Xylene	0.199	0.00400	"	0.200	ND	99.7	70-130	2.77	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		92.8	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.7	70-130			

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.

Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - REI H 9-32D

### Notes and Definitions

U Sample is Non-Detect.

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.



*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 Jordan A. Bynon, Project Manager



June 08, 2023

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - REI H 9-32D

Project Number - [none]

Attached are your analytical results for KMG - REI H 9-32D received by Origins Laboratory, Inc. June 07, 2023. This project is associated with Origins project number Y306178-01.

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, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL-B06@4'	Y306178-01	Soil	June 7, 2023 14:17	06/07/2023 17:30
FL-B07@4'	Y306178-02	Soil	June 7, 2023 15:19	06/07/2023 17:30
FL-B08@4'	Y306178-03	Soil	June 7, 2023 15:53	06/07/2023 17:30

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 Jordan A. Bynon, Project Manager





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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

Origins Laboratory

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

## Sample Receipt Checklist

Origins Work Order: 430678

Client: Eagle Environmental

Client Project ID: REI H 9-32D

Checklist Completed by: ESTON

Shipped Via: Hand Delivered  
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 6/7/23

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: \_\_\_\_\_

Cooler Number/Temperature: 145 °C 1 °C 1 °C (Describe) °C

Thermometer ID: TOO4

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	/			
Is there ice present (document if blue ice is used)	/			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)			/	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)			/	
Were all samples received intact <sup>(1)</sup> ?	/			
Was adequate sample volume provided <sup>(1)</sup> ?	/			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		/		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	/			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	/			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	/			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	/			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			/	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (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 <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			/	
Additional Comments (if any):				

<sup>(1)</sup>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.

[Signature]  
Reviewed by (Project Manager)

6/7/23  
Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

FL-B06@4'

6/7/2023 2:17:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y306178-01 (Soil)**

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3F0728	ZZZ	06/07/2023	06/08/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl 84.8 % 50-150 " " "

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3F0731	JSM	06/07/2023	06/07/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	0.0120	0.00380	"	"	"	JSM	"	"	
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 93.5 % 70-130 " " "  
Surrogate: Toluene-d8 97.4 % 70-130 " " "  
Surrogate: 4-Bromofluorobenzene 87.9 % 70-130 " " "

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.

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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

FL-B07@4'

6/7/2023 3:19:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y306178-02 (Soil)**

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	193	25.0	mg/kg	1	B3F0728	ZZZ	06/07/2023	06/08/2023	
Residual Range Organics (C28-C40)	109	100	"	"	"	ZZZ	"	"	

Surrogate: o-Terphenyl 92.3 % 50-150 " " "

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3F0731	JSM	06/07/2023	06/07/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	0.0155	0.00380	"	"	"	JSM	"	"	
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 96.0 % 70-130 " " "  
Surrogate: Toluene-d8 97.1 % 70-130 " " "  
Surrogate: 4-Bromofluorobenzene 86.6 % 70-130 " " "

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.

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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

FL-B08@4'

6/7/2023 3:53:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y306178-03 (Soil)

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	80.5	25.0	mg/kg	1	B3F0728	ZZZ	06/07/2023	06/08/2023	
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl 82.5 % 50-150 " " "

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3F0731	JSM	06/07/2023	06/07/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	0.0718	0.00200	"	"	"	JSM	"	"	
Naphthalene	0.0850	0.00380	"	"	"	JSM	"	"	
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	0.139	0.00200	"	"	"	JSM	"	"	
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 98.1 % 70-130 " " "  
Surrogate: Toluene-d8 99.9 % 70-130 " " "  
Surrogate: 4-Bromofluorobenzene 94.3 % 70-130 " " "

Origins Laboratory, Inc.



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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

Extractable Petroleum Hydrocarbons by 8015D - Quality Control  
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3F0728 - EPA 3550B										
Blank (B3F0728-BLK1)					Prepared: 06/07/2023 Analyzed: 06/07/2023					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	21		"	24.9		85.9	50-150			

Origins Laboratory, Inc.



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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

**Extractable Petroleum Hydrocarbons by 8015D - 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 B3F0728 - EPA 3550B

**LCS (B3F0728-BS1)**

Prepared: 06/07/2023 Analyzed: 06/07/2023

Diesel (C10-C28)	941	50.0	mg/kg	1000		94.1	70-130			
Residual Range Organics (C28-C40)	931	200	"	1000		93.1	70-130			
Surrogate: o-Terphenyl	43		"	49.8		85.8	50-150			

Origins Laboratory, Inc.



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Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

**Extractable Petroleum Hydrocarbons by 8015D - 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 B3F0728 - EPA 3550B

Matrix Spike (B3F0728-MS1)		Source: Y306151-02			Prepared: 06/07/2023 Analyzed: 06/07/2023					
Diesel (C10-C28)	1020	50.0	mg/kg	1000	50.2	96.5	70-130			
Residual Range Organics (C28-C40)	945	200	"	1000	ND	94.5	70-130			
Surrogate: o-Terphenyl	39		"	49.8		78.2	50-150			

Origins Laboratory, Inc.



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Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3F0728 - EPA 3550B										
Matrix Spike Dup (B3F0728-MSD1)		Source: Y306151-02			Prepared: 06/07/2023 Analyzed: 06/07/2023					
Diesel (C10-C28)	1010	50.0	mg/kg	1000	50.2	96.1	70-130	0.344	35	
Residual Range Organics (C28-C40)	976	200	"	1000	ND	97.6	70-130	3.28	35	
Surrogate: o-Terphenyl	43		"	49.8		86.4	50-150			

Origins Laboratory, Inc.



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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

## Extractable Petroleum Hydrocarbons by 8015D - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3F0731 - EPA 5030 (soil)</b>										
<b>Blank (B3F0731-BLK1)</b>					Prepared: 06/07/2023 Analyzed: 06/07/2023					
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	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.3	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		86.2	70-130			

Origins Laboratory, Inc.



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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

**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
<b>Batch B3F0731 - EPA 5030 (soil)</b>										
<b>LCS (B3F0731-BS1)</b>					Prepared: 06/07/2023 Analyzed: 06/07/2023					
1,2,4-Trimethylbenzene	0.107	0.00200	mg/kg	0.100		107	70-130			
1,3,5-Trimethylbenzene	0.107	0.00200	"	0.100		107	70-130			
Benzene	0.117	0.00200	"	0.100		117	70-130			
Ethylbenzene	0.106	0.00200	"	0.100		106	70-130			
Naphthalene	0.111	0.00380	"	0.100		111	70-130			
Toluene	0.105	0.00200	"	0.100		105	70-130			
o-Xylene	0.107	0.00200	"	0.100		107	70-130			
m,p-Xylene	0.218	0.00400	"	0.200		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		93.3	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		95.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.3	70-130			

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.



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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

## 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 B3F0731 - EPA 5030 (soil)

Matrix Spike (B3F0731-MS1)		Source: Y306178-01			Prepared: 06/07/2023 Analyzed: 06/07/2023					
1,2,4-Trimethylbenzene	0.101	0.00200	mg/kg	0.100	ND	101	70-130			
1,3,5-Trimethylbenzene	0.101	0.00200	"	0.100	ND	101	70-130			
Benzene	0.0962	0.00200	"	0.100	ND	96.2	70-130			
Ethylbenzene	0.0969	0.00200	"	0.100	ND	96.9	70-130			
Naphthalene	0.111	0.00380	"	0.100	0.0120	98.7	70-130			
Toluene	0.0902	0.00200	"	0.100	ND	90.2	70-130			
o-Xylene	0.0989	0.00200	"	0.100	ND	98.9	70-130			
m,p-Xylene	0.200	0.00400	"	0.200	ND	99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		93.0	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		94.0	70-130			

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.

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

Dan Coloccia  
Project Number: [none]  
Project: KMG - REI H 9-32D

**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
<b>Batch B3F0731 - EPA 5030 (soil)</b>										
<b>Matrix Spike Dup (B3F0731-MSD1)</b>		<b>Source: Y306178-01</b>			Prepared: 06/07/2023 Analyzed: 06/07/2023					
1,2,4-Trimethylbenzene	0.106	0.00200	mg/kg	0.100	ND	106	70-130	4.58	20	
1,3,5-Trimethylbenzene	0.105	0.00200	"	0.100	ND	105	70-130	3.90	20	
Benzene	0.0974	0.00200	"	0.100	ND	97.4	70-130	1.30	20	
Ethylbenzene	0.0966	0.00200	"	0.100	ND	96.6	70-130	0.372	20	
Naphthalene	0.123	0.00380	"	0.100	0.0120	111	70-130	10.3	20	
Toluene	0.0925	0.00200	"	0.100	ND	92.5	70-130	2.54	20	
o-Xylene	0.0981	0.00200	"	0.100	ND	98.1	70-130	0.772	20	
m,p-Xylene	0.200	0.00400	"	0.200	ND	99.8	70-130	0.0100	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		92.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		91.6	70-130			

Origins Laboratory, Inc.



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### Notes and Definitions

U Sample is Non-Detect.

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 For Jordan A. Bynon, Project Manager

**ATTACHMENT B**  
**FIELD NOTES AND PHOTOGRAPHIC LOG**

## Wellhead Closure Checklist 2

Additional Attachments (Optional)	Flowline Closure
Site Name	REI H 9-32D
Remediation Project #	28512
<b>Wellhead Information</b>	
Weather	73° sunny
Client	Oxy
Location	
Latitude	40.235462
Longitude	-104.67658
General Condition of Site	Good
USCS Soil Type	
Estimated Depth to Groundwater	<20'
Hydrocarbon Impacted Soils / Spills	None observed
Salt Crusted Soils or Impacted Vegetation	None observed

<b>Soil Samples</b>							
#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R1	06/06/2023	01:44 PM	WH-B01@6'	0.8	N.S	N.O	Wellhead
R2	06/06/2023	01:45 PM	WH-N01@5'	1.1	N.S	N.O	Wellhead
R3	06/06/2023	01:46 PM	WH-S01@5'	1.3	N.S	N.O	Wellhead
R4	06/06/2023	01:47 PM	WH-E01@5'	0.9	N.S	N.O	Wellhead
R5	06/06/2023	01:48 PM	WH-W01@5'	0.7	N.S	N.O	Wellhead
R6	06/06/2023	01:49 PM	WHS-N01@3"	0.4	N.S	N.O	Wellhead Surface
R7	06/06/2023	01:50 PM	WHS-S01@3"	1.2	N.S	N.O	Wellhead Surface
R8	06/06/2023	01:51 PM	WHS-E01@3"	1.0	N.S	N.O	Wellhead Surface
R9	06/06/2023	01:52 PM	WHS-W01@3"	0.6	N.S	N.O	Wellhead Surface
R10	06/06/2023	01:55 PM	FL-B01@4'	1.5	N.S	N.O	Flowline at Wellhead
R11	06/06/2023	03:10 PM	WH-BG01@3'	0.4	N.S	N.O	Wellhead Background
R12	06/06/2023	03:12 PM	WH-BG01@6'	1.3	N.S	N.O	Wellhead Background
R13	06/06/2023	03:14 PM	WH-BG02@3'	1.4	N.S	N.O	Wellhead Background
R14	06/06/2023	03:16 PM	WH-BG02@6'	1.6	N.S	N.O	Wellhead Background
R15	06/06/2023	03:18 PM	WH-BG03@3'	1.0	N.S	N.O	Wellhead Background
R16	06/06/2023	03:20 PM	WH-BG03@6'	1.5	N.S	N.O	Wellhead Background
R17	06/06/2023	03:22 PM	WH-BG04@3'	1.4	N.S	N.O	Wellhead Background
R18	06/06/2023	03:24 PM	WH-BG04@6'	1.7	N.S	N.O	Wellhead Background
R19	06/06/2023	03:14 PM	FL-B02@4'	0.8	N.S	N.O	Flowline



#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R20	06/07/2023	03:18 PM	FL-B03@4'	0.3	N.S	N.O	Flowline
R21	06/07/2023	13:38	FL-B04@4'	0.6	N.S	N.O	Flowline
R22	06/07/2023	14:00	FL-B05@4'	0.6	N.S	N.O	Flowline
R23	06/07/2023	14:17	FL-B06@4'	0.5	N.S	N.O	Flowline
R24	06/07/2023	15:19	FL-B07	0.9	N.S	N.O	Flowline
R25	06/07/2023	15:53	FL-B08@4'	19.0	N.S	Slight HC Odor	Flowline at Separator

Photo(s)

R1 - P1



Looking south

R2 - P1



Looking north

R4 - P1



Looking east

R5 - P1



Looking west



R11 - P1



Looking south

R12 - P1



R13 - P1



Looking south

R14 - P1



R15 - P1



Looking northeast

R17 - P1



Looking southeast



R19 - P1



Looking south

R20 - P1



Looking west

R21 - P1



R22 - P1





R23 - P1



R24 - P1



R25 - P1



Other observations regarding wellheads

#### Summary

Was impacted soil identified?

Yes - less than 10 cubic yards

Total number of soil samples field screened	25
Total number of soil samples collected	25
Highest PID Reading	19.0
Total number of soil samples submitted to lab for analysis	13
Was groundwater encountered during the investigation?	No
Measured depth to groundwater	
Was remedial groundwater removal conducted?	
Date Groundwater was encountered	
Commencement date of removal	
Sheen on groundwater?	
Free product observed?	
Volume of groundwater removed prior to sampling	
Volume of groundwater removed post sampling	
Total volume of groundwater removed	
Total number of groundwater samples collected	
Total number of groundwater samples submitted to lab for analysis	

**ATTACHMENT C**  
**STATE NOTIFICATION**





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**Fwd: FW: State Reportable Release 24 Hour Notification - REI H 9-32D**

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**From:** Ochoa, Ariana  
**Sent:** Friday, June 9, 2023 8:05 AM  
**To:** [alexander.ahmadian@state.co.us](mailto:alexander.ahmadian@state.co.us); Jason Maxey <[jmaxey@weldgov.com](mailto:jmaxey@weldgov.com)>; Roy Rudisill ([rrudisill@co.weld.co.us](mailto:rrudisill@co.weld.co.us)) <[rrudisill@co.weld.co.us](mailto:rrudisill@co.weld.co.us)>  
**Subject:** State Reportable Release 24 Hour Notification - REI H 9-32D

Good morning,

We identified a state reportable release following the identification of historically impacted soil of an unknown volume. This release was not an active release. 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 contacted via electronic mail  
Surface Owner notification 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: REI H 9-32D flowline
- Location: SWSW 9 3N 65W
- Latitude/Longitude: 40.2339924/ -104.6752061
- Wellhead ID: 05-123-29814

Please let me know if you have any questions.

Thank you,

**Ariana Ochoa**

HSE Advisor

**Occidental Petroleum Corporation**

t: (713) 350-4906