

Wellhead Closure Checklist						
COGCC Rule 911.a.(4) Environmental Site Closure Assessment Field Form						
Additional attachments (optional): <u>      </u>		Pit Closure <u>      </u>		Tank Battery Closure <u>      </u>		Flowline Closure <u>      </u>
Site Name & COGCC Facility Number: <b>Guttersen #D29-33D</b>		Date: <b>02/20/24</b>				Remediation Project #: <b>18060</b>
Associated Wells: <b>05-123-33242</b>		Age of Site: <b>Years</b>				Number of Photos Attached: <b>2</b>
Location: (GPS coordinates of wellhead or southeastern most wellhead for multiple)					40.145990 / -104.583690	
General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.)					Estimated Facility Size (acres): <u>      </u>	
Good condition.						
USCS Soil Type: <b>SM</b>				Estimated Depth to Groundwater: <b>Approx. 15-25'</b>		
Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth)						
None observed.						
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	<b>05-123-33242</b>					
Age	<b>Years</b>					
Condition of surface around wellhead	<b>Good - Per Crew</b>					
PID Readings	<b>N/A - Excavated Upon Arrival</b>					
Condition of subsurface (staining present)	<b>Good - No odor/no staining</b>					
PID Readings	<b>1.1</b>	<b>1.2</b>	<b>1.4</b>	<b>1.3</b>	<b>1.7</b>	
Sample taken? Location/Sample ID#	<b>WH-SS-01</b>	<b>WH-SS-02</b>	<b>WH-SS-03</b>	<b>WH-SS-04</b>	<b>WH-FS-01</b>	
Photo Number(s)	<b>See photolog</b>					
Other observations regarding wellheads:						
Well casing cut/capped following assessment.						
Summary						
Was impacted soil identified?						
<input checked="" type="checkbox"/> No		Yes - less than 10 cubic yards		Yes - more than 10 cubic yards		
Total number of samples field screened: <b>5</b>				Total number of samples collected: <b>5</b>		
Highest PID Reading: <b>1.7</b>				Total number of samples submitted to lab for analysis: <b>1</b>		
If more than 10 cubic yards of impacted soil were observed:						
Vertical extent:				Estimated spill volume:		
Lateral extent: <b>N/A</b>				Volume of soil removed:		
Is additional investigation required?						
Was groundwater encountered during the investigation?						
<input checked="" type="checkbox"/> 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: <b>N/A</b>				Commencement date of removal:		
Sheen on groundwater? Yes <b>N/A</b>				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:						

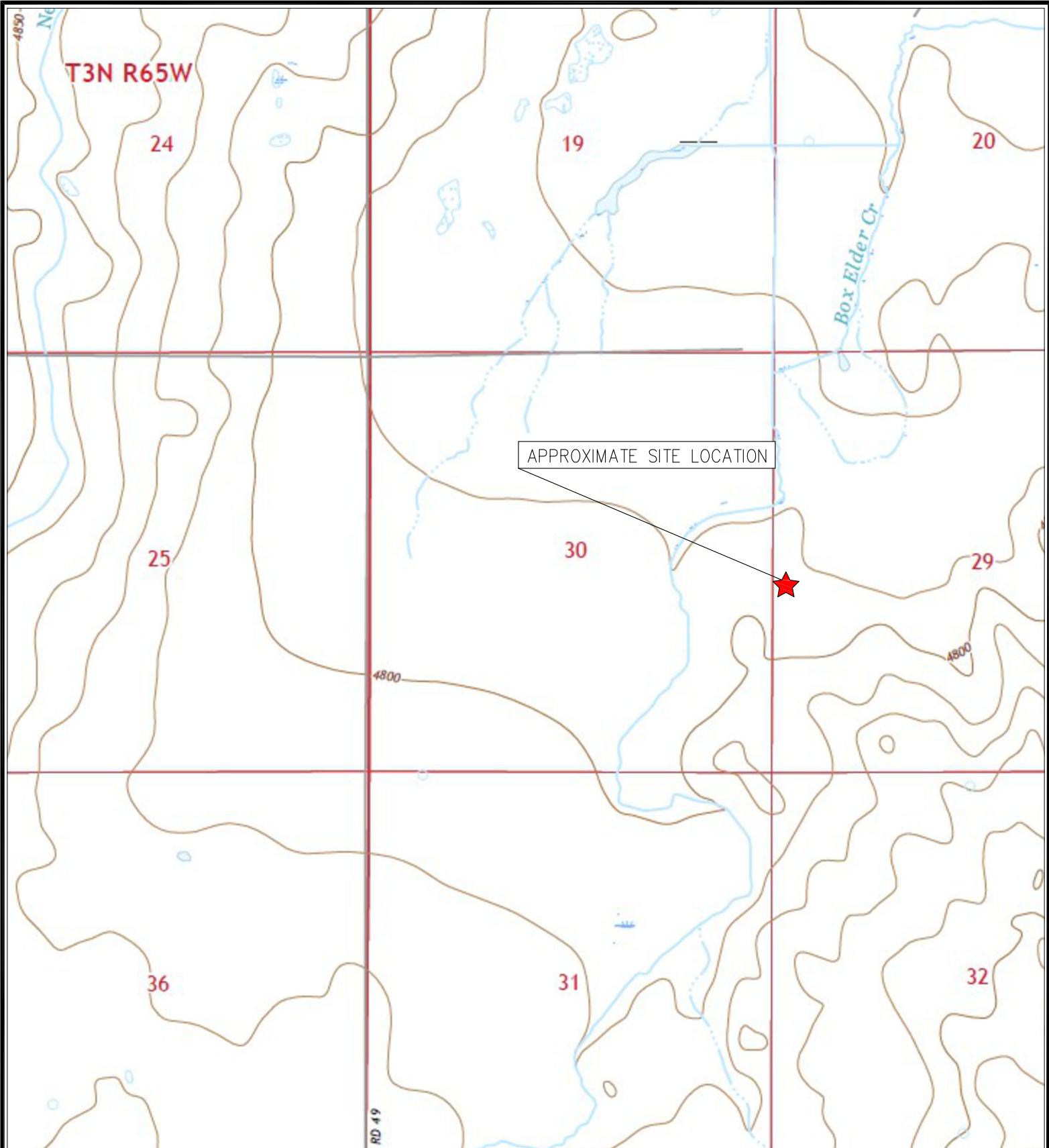


## **FIGURES**

**Figure 1: Topographic Site Location Map**

**Figure 2: Aerial Site Location Map**

**Figure 3: Soil Analytical Map**



TOPOGRAPHIC SITE LOCATION MAP  
GUTTERSEN #D29-33D  
CLOSURE ASSESSMENT  
40.195990 / -104.583690  
NW¼ SW¼ SEC.29 T3N R64W 6PM  
WELD COUNTY, COLORADO  
API # 05-123-33242  
REMEDIAION # 18060

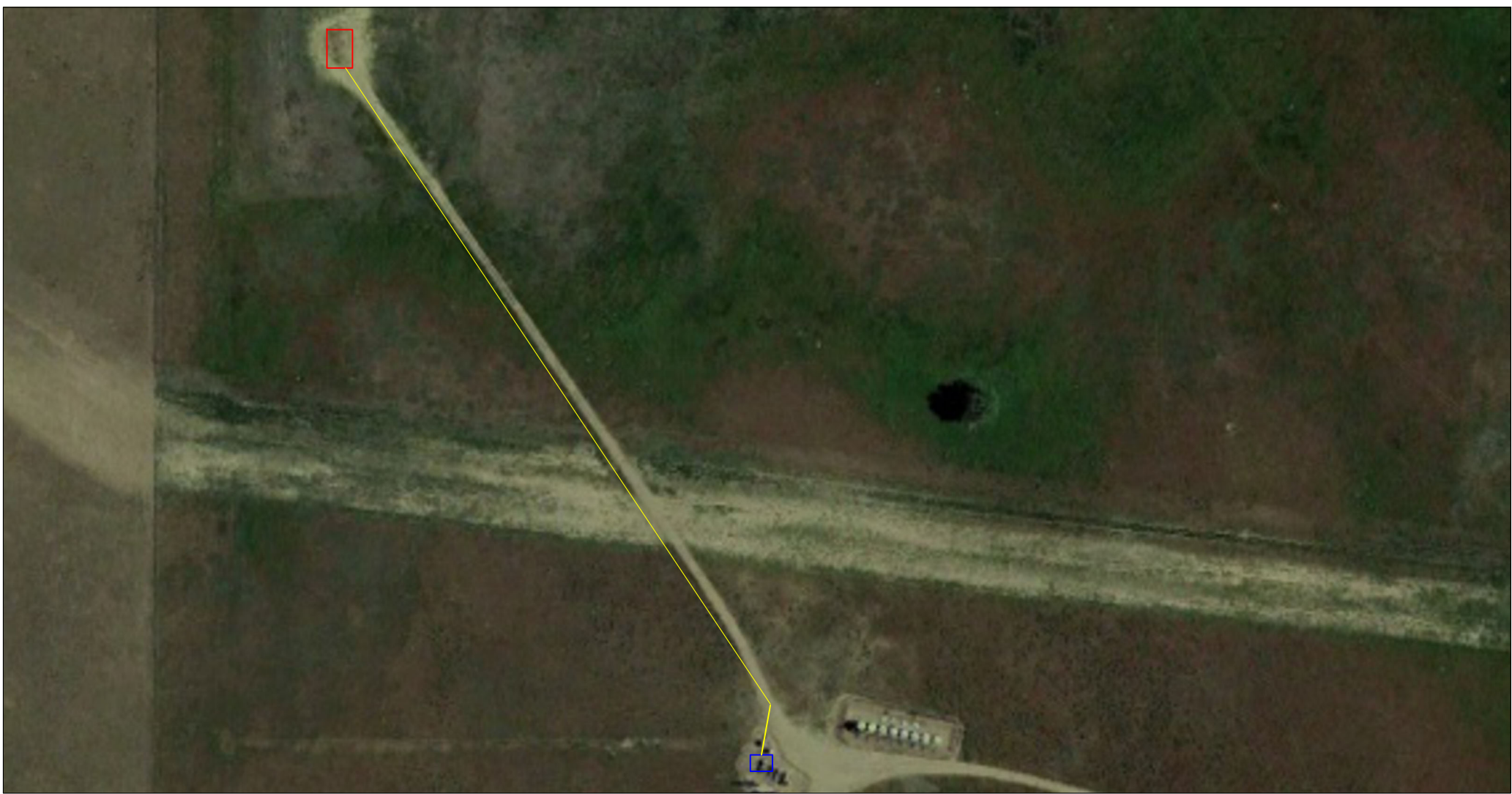


**EAGLE**  
ENVIRONMENTAL  
CONSULTING, LLC

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

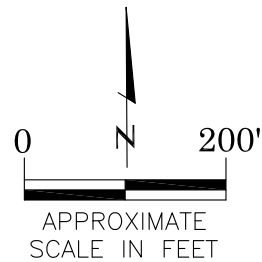
SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP,  
KLUG RANCH, CO QUADRANGLE 2022

FIGURE NO. 1



# LEGEND

- FORMER GUTTERSEN #D29-33D WELLHEAD (PLUGGED AND ABANDONED)
- ASSOCIATED SEPARATOR
- APPROXIMATE FLOWLINE LOCATION



AERIAL SITE LOCATION MAP  
 GUTTERSEN #D29-33D  
 CLOSURE ASSESSMENT  
 40.195990 / -104.583690  
 NW¼ SW¼ SEC.29 T3N R64W 6PM  
 WELD COUNTY, COLORADO  
 API # 05-123-33242  
 REMEDIATION # 18060

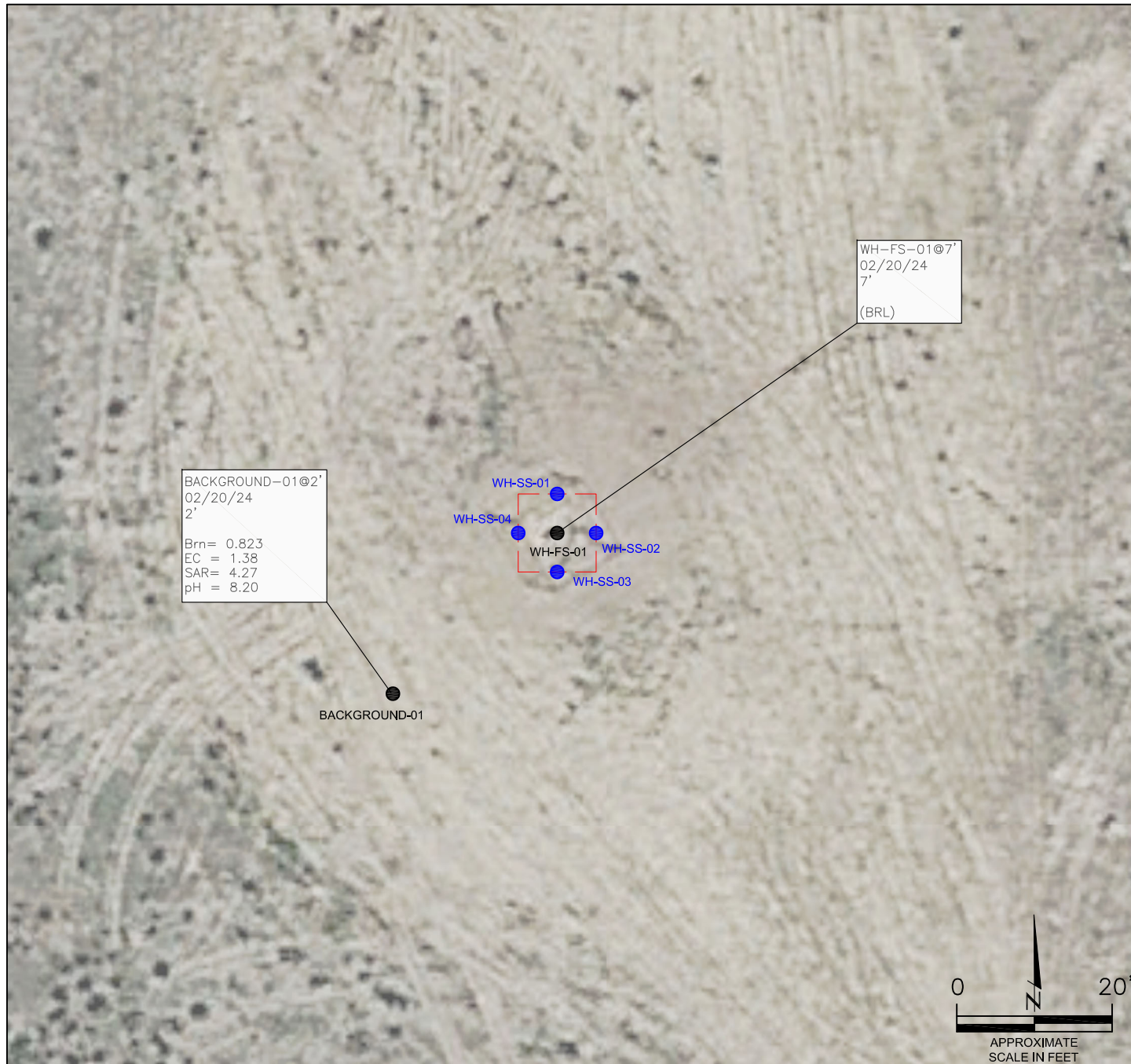
FIGURE NO.  
2

DRAWN BY:  
RA



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





# LEGEND

- WELLHEAD ASSESSMENT BOUNDARIES
- SS-02 APPROXIMATE LOCATION OF SOIL SAMPLES FIELD SCREENED, ONLY, WITH PHOTOIONIZATION DETECTOR
- SS-02 APPROXIMATE LOCATION OF SOIL SAMPLES SUBMITTED FOR LABORATORY ANALYSIS

## PARAMETERS

SAMPLE LOCATION  
DATE  
DEPTH (FEET)  
B = BENZENE (mg/kg)  
T = TOLUENE (mg/kg)  
E = ETHYLBENZENE (mg/kg)  
X = TOTAL XYLENES (mg/kg)  
N = NAPHTHALENE (mg/kg)  
G = TPH-CRO (mg/kg)  
D = TPH-DRO (mg/kg)  
R = TPH-RRO (mg/kg)  
1,2,4-TMB = 1,2,4 TRIMETHYLBENZENE (mg/kg)  
1,3,5-TMB = 1,3,5 TRIMETHYLBENZENE (mg/kg)  
Brn= BORON (mg/L)  
EC = SPECIFIC CONDUCTANCE (mmhos/cm)  
SAR= SODIUM ADSORPTION RATIO  
pH = pH (pH UNITS)  
POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) (mg/kg)

mg/kg = MILLIGRAMS PER KILOGRAM  
mg/L = MILLIGRAMS PER LITER  
mmhos/cm = MILLIMHOS PER CENTIMETER

(BRL) = ALL VALUES BELOW REGULATORY LIMITS

TPH-CRO = TOTAL PETROLEUM HYDROCARBONS – GASOLINE RANGE ORGANICS  
TPH-DRO = TOTAL PETROLEUM HYDROCARBONS – DIESEL RANGE ORGANICS  
TPH-RRO = TOTAL PETROLEUM HYDROCARBONS – RESIDUAL RANGE ORGANICS

NOTES:  
VALUES PRESENTED IN **BOLD** EXCEED ECMC TABLE 915-1 REGULATORY LIMITS

ECMC = ENERGY & CARBON MANAGEMENT COMMISSION

SOIL ANALYTICAL MAP  
GUTTERSEN #D29-33D  
CLOSURE ASSESSMENT  
40.195990 / -104.583690  
NW¼ SW¼ SEC.29 T3N R64W 6PM  
WELD COUNTY, COLORADO  
API # 05-123-33242  
REMEDATION # 18060

FIGURE NO.  
3

DRAWN BY:  
RA





## **TABLES**

**Table 1: Photoionization Detector Reading Summary**

**Table 2: Soil Analytical Results Summary**

**TABLE 1**  
**PHOTOIONIZATION DETECTOR READING SUMMARY**  
**GUTTERSEN #D29-33D**  
**CLOSURE ASSESSMENT**  
**40.195990 / -104.583690**  
**NW¼ SW¼ SEC.29 T3N R64W 6PM**  
**WELD COUNTY, COLORADO**  
**API # 05-123-33242**  
**REMEDIAION # 18060**

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	Lab Submission (Y/N)
WH-FS-01 @ 7' (40.195988 / -104.583689)	02/20/24	7	1.7	Y
WH-SS-01 @ 6' (40.195996 / -104.583687)	02/20/24	6	1.1	N
WH-SS-02 @ 6' (40.195986 / -104.583673)	02/20/24	6	1.2	N
WH-SS-03 @ 6' (40.195974 / -104.583687)	02/20/24	6	1.4	N
WH-SS-04 @ 6' (40.195985 / -104.583703)	02/20/24	6	1.3	N
Background-01 @ 2' (40.195928 / -104.583745)	02/20/24	2	0.2	Y
(Y/N) = Yes or No ppm-v = parts per million by volume PID = Photoionization Detector				



TABLE 2  
SOIL ANALYTICAL RESULTS SUMMARY  
GUTTERSEN #D29-33D  
CLOSURE ASSESSMENT  
40.195990 / -104.583690  
NW¼ SW¼ SEC.29 T3N R64W 6PM  
WELD COUNTY, COLORADO  
API # 05-123-33242  
REMEDATION # 18060

Sample Location				WH-FS-01 @ 7'	Background-01 @ 2'
(Latitude / Longitude)				(40.195988 / -104.583689)	(40.195928 / -104.583745)
Sample Date				2/20/2024	2/20/2024
Sample Depth (feet)				7	2
PID Reading (ppm-v)				1.7	0.2
Regulatory Limits					
Chemical of Concern	Units	ECMC Table 915-1 RSSLs	ECMC Table 915-1 GSSLs		
Volatile Organic Compounds					
Benzene	mg/kg	1.2	0.0026	<0.00200	NA
Toluene	mg/kg	490	0.69	<0.00200	NA
Ethylbenzene	mg/kg	5.8	0.78	<0.00200	NA
Total Xylenes	mg/kg	58	9.9	<0.00200	NA
Naphthalene	mg/kg	2	0.0038	<0.00380	NA
1,2,4-Trimethylbenzene	mg/kg	30	0.0081	<0.00200	NA
1,3,5-Trimethylbenzene	mg/kg	27	0.0087	<0.00200	NA
Total Petroleum Hydrocarbons					
TPH-GRO	mg/kg	500	--	<0.200	NA
TPH-DRO	mg/kg		--	<25.0	NA
TPH-RRO	mg/kg		--	<100	NA
Polycyclic Aromatics Hydrocarbons					
1-Methylnaphthalene	mg/kg	18	0.006	<0.002	NA
2-Methylnaphthalene	mg/kg	24	0.019	<0.002	NA
Acenaphthene	mg/kg	360	0.55	<0.020	NA
Anthracene	mg/kg	1800	5.8	<0.020	NA
Benzo(a)-anthracene	mg/kg	1.1	0.011	<0.005	NA
Benzo(a)-pyrene	mg/kg	0.11	0.24	<0.020	NA
Benzo(b)-fluoranthene	mg/kg	1.1	0.3	<0.020	NA
Benzo(k)-fluoranthene	mg/kg	11	2.9	<0.020	NA
Chrysene	mg/kg	110	9	<0.020	NA
Dibenzo(a,h)-anthracene	mg/kg	0.11	0.096	<0.020	NA
Fluoranthene	mg/kg	240	8.9	<0.020	NA
Fluorene	mg/kg	240	0.54	<0.020	NA
Indeno(1,2,3-cd)-pyrene	mg/kg	1.1	0.98	<0.020	NA
Pyrene	mg/kg	180	1.3	<0.020	NA
Soil Suitability (Inorganics)					
Boron	mg/L	2	--	0.286	0.823
pH	standard unit	6-8.3	--	7.87	8.20
Sodium Adsorption Ratio (SAR)	--	<6	--	0.808	4.27
Specific Conductance (EC)	mmhos/cm	<4	--	0.447	1.38
ECMC = Energy & Carbon Management Commission					
mg/kg = milligrams per kilogram		RSSLs = Residential Soil Screening Levels			
mmhos/cm = millimhos per centimeter		GSSLs = Protection of Groundwater Soil Screening Levels			
PID = Photoionization Detector		TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics			
ppm-v = parts per million by volume		TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics			
mg/L = milligrams per liter		TPH-RRO = Total Petroleum Hydrocarbons - Residual Range Organics			
NA = Not Analyzed					
Notes:					
Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit and/or					
Values presented in <b>BOLD</b> exceed ECMC Table 915-1 Regulatory Limits.					





## **ATTACHMENT A**

### **Photo Log**

Guttersen #D29-33D  
API # 05-123-33242  
Remediation # 18060

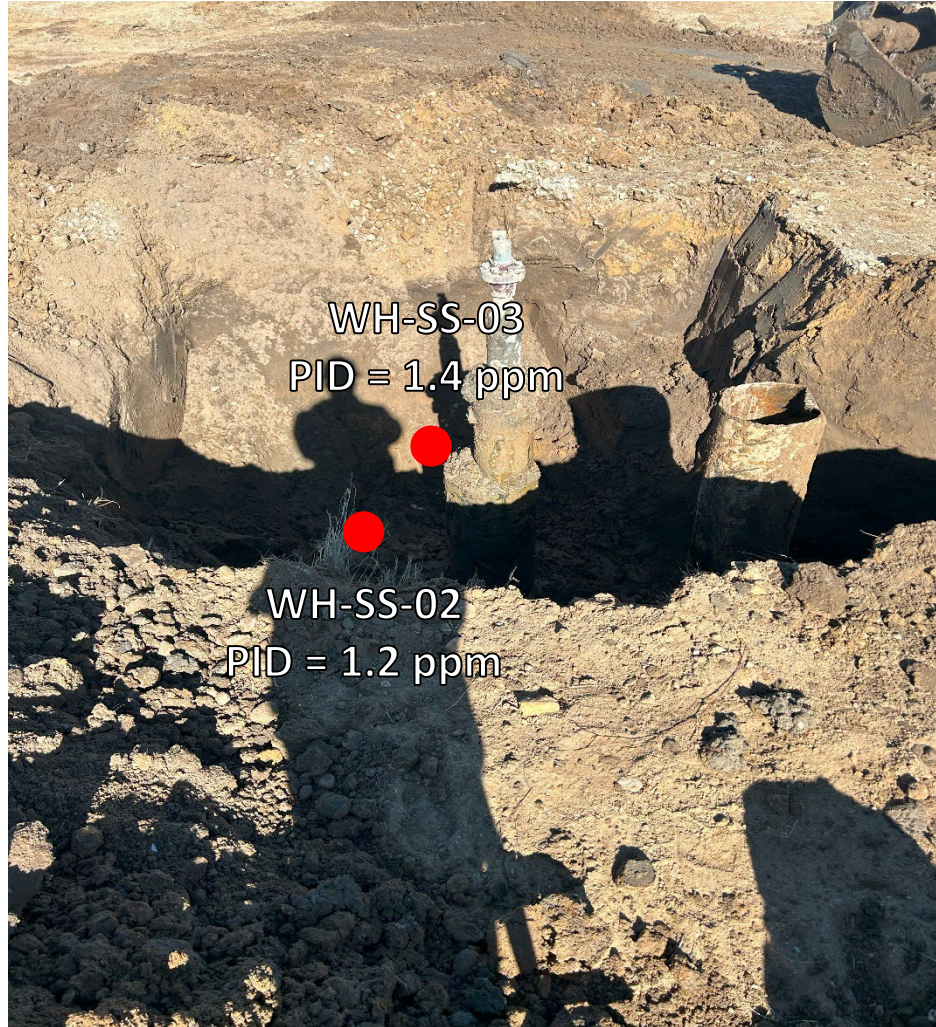
Closure Assessment

February 2024





## Wellhead Excavation – 02/20/24



Looking south

No petroleum hydrocarbon staining or odor observed



Looking west

No petroleum hydrocarbon staining or odor observed





## **ATTACHMENT B**

### **Laboratory Analytical Report**



February 29, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

**Project Name - Noble - Guttersen #D29-33D**

**Project Number - [none]**

Attached are your analytical results for Noble - Guttersen #D29-33D received by Origins Laboratory, Inc. February 21, 2024. This project is associated with Origins project number Y402535-01.

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

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutterson #D29-33D

### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-FS-01@7'	Y402535-01	Soil	February 20, 2024 10:11	02/21/2024 17:22
Background-01@2'	Y402535-02	Soil	February 20, 2024 10:13	02/21/2024 17:22

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.*

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutttersen #D29-33D

# **ORIGINS**

**LABORATORY, INC.**

www.originslaboratory.com

V402S35

page | of |

Client: Epic Environmental Consulting  
Address: 8000 W 4<sup>th</sup> Ave  
Lakewood, CO 80235  
Telephone Number: 303-433-0124  
Email Address: daniel@epic-enviro.com

Project Manager: Ashley Newman  
Project Name: Cumulative Impact Study  
Project Number: \_\_\_\_\_  
Samples Collected By: SU

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	As-Sampled / Filtered - 0.45µm / Filtered - 0.1µm PCB's - PCB's PAH's - PAH's VOC's - VOC's	X	X	
WTF-FS-VIOT	7/26/14	1011	5	x					x						EC/SAL/PK = 1
Buckywashed @ C2	7/26/14	1013	2	x					x						Saturated Pore Prep 2
															3
															Mobilis Needed 4
															5
															6
															7
															8
															9
															10
Relinquished By:	Date: 7/26/14	Time: 1720	# of Containers:	Received By:	Date:	Time:	Turnaround Time:	Same Day	24 Hr	Standard					
Relinquished By:	Date:	Time:	# of Containers:	Received By:	Date:	Time:	Turnaround Time:	Same Day	24 Hr	Standard					

\* Bill to JEPF

Temp Received-

1.0

Date Results Needed

\*

Origins Laboratory, Inc.

Byron

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

Andrew Newberry  
Project Number: [none]  
Project: Noble - Guttersen #D29-33D

Origins Laboratory

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

### Sample Receipt Checklist

Origins Work Order: 4402535

Client: Eagle

Client Project ID: Guttersen D29-33D

Checklist Completed by: EHS

Shipped Via: HD

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

Date/time completed: 2/21/24

Airbill #: N/A

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

(Describe)

Cooler Number/Temperature: 1 / 1.6 °C 1 °C 1 °C 1 °C

Thermometer ID: 7004

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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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"/>	<input checked="" type="checkbox"/>	<input 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 checked="" 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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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.

Reviewed by (Project Manager) JB

Date/Time Reviewed 2/23/24

Origins Laboratory, Inc.

*J. Bynon*

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

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutttersen #D29-33D

WH-FS-01@7'

2/20/2024 10:11:00AM

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

Origins Laboratory, Inc.  
Y402535-01 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.286	0.0989	mg/L	1	B4B2311	ACC	02/23/2024	02/28/2024	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4B2217	ZZZ	02/22/2024	02/28/2024	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	84.6 %	50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4B2242	ZZZ	02/22/2024	02/24/2024	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Benzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	ZZZ	"	"	U
Naphthalene	ND	0.00380	"	"	"	ZZZ	"	"	U
Toluene	ND	0.00200	"	"	"	ZZZ	"	"	U
Xylenes, total	ND	0.00200	"	"	"	ZZZ	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	ZZZ	"	"	U

Surrogate: 1,2-Dichloroethane-d4	87.7 %	70-130			"	"	"
Surrogate: Toluene-d8	101 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	113 %	70-130			"	"	"

Origins Laboratory, Inc.



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

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutterson #D29-33D

WH-FS-01@7'

2/20/2024 10:11:00AM

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

**Origins Laboratory, Inc.**  
**Y402535-01 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	2.37	0.499	meq/L	10	[CALC]	ACC	02/22/2024	02/23/2024
Magnesium	ND	0.823	"	"	"	ACC	"	"
Sodium	1.02	0.435	"	"	"	ACC	"	"

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4B2719	agile	02/27/2024	02/29/2024	U
2-Methylnaphthalene	ND	0.002	"	"	"	agile	"	"	U
Acenaphthene	ND	0.020	"	"	"	agile	"	"	U
Anthracene	ND	0.020	"	"	"	agile	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	agile	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	agile	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	agile	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	agile	"	"	U
Chrysene	ND	0.020	"	"	"	agile	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	agile	"	"	U
Fluoranthene	ND	0.020	"	"	"	agile	"	"	U
Fluorene	ND	0.020	"	"	"	agile	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	agile	"	"	U
Pyrene	ND	0.020	"	"	"	agile	"	"	U

Origins Laboratory, Inc.



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

Andrew Newberry  
Project Number: [none]  
Project: Noble - Guttersen #D29-33D

WH-FS-01@7'

2/20/2024 10:11:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y402535-01 (Soil)**

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	98.8 %	60-130			B4B27 19		02/27/2024	02/29/2024
Surrogate: Anthracene-d10	99.6 %	60-130			"		"	"
Surrogate: Pyrene-d10	99.5 %	60-130			"		"	"
Surrogate: Benzo (a) pyrene-d12	100 %	60-130			"		"	"

**pH in Soil by 9045D**

pH	7.87		pH Units	1	B4B2215	EAL	02/22/2024	02/23/2024
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**SAR by 20B Saturated Paste**

SAR	0.808	0.0100	SAR	1	B4B2210	ACC	02/22/2024	02/23/2024
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.447	0.00500	mmhos/cm	1	B4B2215	EAL	02/22/2024	02/23/2024
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Origins Laboratory, Inc.



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

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutttersen #D29-33D

**Background-01@2'**  
**2/20/2024 10:13:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y402535-02 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.823	0.100	mg/L	1	B4B2311	ACC	02/23/2024	02/28/2024
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**Metals by Saturated Paste by EPA 6010**

Calcium	28.9	0.499	meq/L	10	[CALC]	ACC	02/22/2024	02/23/2024
Magnesium	10.5	0.823	"	"	"	ACC	"	"
Sodium	18.9	0.435	"	"	"	ACC	"	"

**pH in Soil by 9045D**

pH	8.20		pH Units	1	B4B2215	EAL	02/22/2024	02/23/2024
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**SAR by 20B Saturated Paste**

SAR	4.27	0.0100	SAR	1	B4B2210	ACC	02/22/2024	02/23/2024
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	1.38	0.00500	mmhos/cm	1	B4B2215	EAL	02/22/2024	02/23/2024
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Eagle Environmental Consulting, LLC  
8000 W 44th Ave  
Wheat Ridge CO 80033

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutterson #D29-33D

## 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 B4B2217 - EPA 3550B										
Blank (B4B2217-BLK1)					Prepared: 02/22/2024 Analyzed: 02/28/2024					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	21		"	24.9		85.2	50-150			

Origins Laboratory, Inc.



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

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutterson #D29-33D

**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 B4B2217 - EPA 3550B</b>										
<b>LCS (B4B2217-BS1)</b>					Prepared: 02/22/2024 Analyzed: 02/28/2024					
Diesel (C10-C28)	803	50.0	mg/kg	1000		80.3	70-130			
Residual Range Organics (C28-C40)	901	200	"	1000		90.1	70-130			
Surrogate: o-Terphenyl	42		"	49.8		84.1	50-150			

Origins Laboratory, Inc.



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

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutterson #D29-33D

## 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 B4B2217 - EPA 3550B

Matrix Spike (B4B2217-MS1)		Source: Y402508-01			Prepared: 02/22/2024 Analyzed: 02/28/2024					
Diesel (C10-C28)	846	50.0	mg/kg	1000	ND	84.6	70-130			
Residual Range Organics (C28-C40)	958	200	"	1000	ND	95.8	70-130			
Surrogate: o-Terphenyl	38		"	49.8		75.8	50-150			

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Wheat Ridge CO 80033

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutterson #D29-33D

## 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 B4B2217 - EPA 3550B

Matrix Spike Dup (B4B2217-MSD1)		Source: Y402508-01			Prepared: 02/22/2024 Analyzed: 02/28/2024					
Diesel (C10-C28)	876	50.0	mg/kg	1000	ND	87.6	70-130	3.41	35	
Residual Range Organics (C28-C40)	984	200	"	1000	ND	98.4	70-130	2.66	35	
Surrogate: o-Terphenyl	42		"	49.8		84.5	50-150			

Origins Laboratory, Inc.



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8000 W 44th Ave  
Wheat Ridge CO 80033

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutterson #D29-33D

## 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 B4B2242 - EPA 5030 (soil)										
Blank (B4B2242-BLK1)					Prepared: 02/22/2024 Analyzed: 02/23/2024					
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	0.11		"	0.125		91.3	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

Origins Laboratory, Inc.



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8000 W 44th Ave  
Wheat Ridge CO 80033

Andrew Newberry  
Project Number: [none]  
Project: Noble - Guttersen #D29-33D

## 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
Batch B4B2242 - EPA 5030 (soil)										
LCS (B4B2242-BS1)					Prepared: 02/22/2024 Analyzed: 02/23/2024					
1,2,4-Trimethylbenzene	0.108	0.00200	mg/kg	0.100		108	70-130			
1,3,5-Trimethylbenzene	0.114	0.00200	"	0.100		114	70-130			
Benzene	0.0991	0.00200	"	0.100		99.1	70-130			
Ethylbenzene	0.109	0.00200	"	0.100		109	70-130			
Naphthalene	0.106	0.00380	"	0.100		106	70-130			
Toluene	0.106	0.00200	"	0.100		106	70-130			
o-Xylene	0.101	0.00200	"	0.100		101	70-130			
m,p-Xylene	0.219	0.00400	"	0.200		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		91.1	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		94.2	70-130			

Origins Laboratory, Inc.



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

Andrew Newberry  
Project Number: [none]  
Project: Noble - Guttersen #D29-33D

## 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 B4B2242 - EPA 5030 (soil)

Matrix Spike (B4B2242-MS1)		Source: Y402381-02			Prepared: 02/22/2024 Analyzed: 02/23/2024					
1,2,4-Trimethylbenzene	0.109	0.00200	mg/kg	0.100	ND	109	70-130			
1,3,5-Trimethylbenzene	0.111	0.00200	"	0.100	ND	111	70-130			
Benzene	0.111	0.00200	"	0.100	ND	111	70-130			
Ethylbenzene	0.0986	0.00200	"	0.100	ND	98.6	70-130			
Naphthalene	0.128	0.00380	"	0.100	ND	128	70-130			
Toluene	0.112	0.00200	"	0.100	ND	112	70-130			
o-Xylene	0.0931	0.00200	"	0.100	ND	93.1	70-130			
m,p-Xylene	0.199	0.00400	"	0.200	ND	99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.10		"	0.125		83.3	70-130			

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8000 W 44th Ave  
Wheat Ridge CO 80033

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutttersen #D29-33D

## 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
Batch B4B2242 - EPA 5030 (soil)										
Matrix Spike Dup (B4B2242-MSD1)		Source: Y402381-02			Prepared: 02/22/2024 Analyzed: 02/23/2024					
1,2,4-Trimethylbenzene	0.0868	0.00200	mg/kg	0.100	ND	86.8	70-130	22.6	20	QR-02
1,3,5-Trimethylbenzene	0.0901	0.00200	"	0.100	ND	90.1	70-130	21.1	20	QR-02
Benzene	0.0812	0.00200	"	0.100	ND	81.2	70-130	30.6	20	QR-02
Ethylbenzene	0.0848	0.00200	"	0.100	ND	84.8	70-130	15.0	20	
Naphthalene	0.108	0.00380	"	0.100	ND	108	70-130	17.0	20	
Toluene	0.0864	0.00200	"	0.100	ND	86.4	70-130	25.4	20	QR-02
o-Xylene	0.0802	0.00200	"	0.100	ND	80.2	70-130	14.9	20	
m,p-Xylene	0.172	0.00400	"	0.200	ND	86.2	70-130	14.2	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.0	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		90.7	70-130			

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8000 W 44th Ave  
Wheat Ridge CO 80033

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutterson #D29-33D

**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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**EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4B2719 - EPA 3580**

**Blank (B4B2719-BLK1)**

Prepared: 02/27/2024 Analyzed: 02/29/2024

1-Methylnaphthalene	ND	0.002	mg/kg							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (g,h,i) perylene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Surrogate: Fluorene-d10	170		ug/kg	200		85.1	60-130			
Surrogate: Anthracene-d10	200		"	200		99.8	60-130			
Surrogate: Pyrene-d10	210		"	200		103	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130			

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

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutterson #D29-33D

**EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4B2719 - EPA 3580**

**LCS (B4B2719-BS1)**

Prepared: 02/27/2024 Analyzed: 02/29/2024

1-Methylnaphthalene	0.186	0.002	mg/kg	0.200		92.8	70-130
2-Methylnaphthalene	0.182	0.002	"	0.200		91.2	70-130
Acenaphthene	0.183	0.020	"	0.200		91.6	70-130
Anthracene	0.180	0.020	"	0.200		90.2	70-130
Benzo (a) anthracene	0.164	0.005	"	0.200		82.0	70-130
Benzo (a) pyrene	0.200	0.020	"	0.200		100	70-130
Benzo (b) fluoranthene	0.188	0.020	"	0.200		94.0	70-130
Benzo (g,h,i) perylene	0.175	0.020	"	0.200		87.6	70-130
Benzo (k) fluoranthene	0.174	0.020	"	0.200		87.1	70-130
Chrysene	0.197	0.020	"	0.200		98.6	70-130
Dibenz (a,h) anthracene	0.198	0.020	"	0.200		99.1	70-130
Fluoranthene	0.191	0.020	"	0.200		95.6	70-130
Fluorene	0.182	0.020	"	0.200		91.2	70-130
Indeno (1,2,3-cd) pyrene	0.182	0.020	"	0.200		91.1	70-130
Naphthalene	0.186	0.002	"	0.200		92.9	70-130
Phenanthrene	0.185	0.020	"	0.200		92.6	70-130
Pyrene	0.202	0.020	"	0.200		101	70-130

Surrogate: Fluorene-d10	200		ug/kg	200		99.9	60-130
Surrogate: Anthracene-d10	200		"	200		98.9	60-130
Surrogate: Pyrene-d10	200		"	200		102	60-130
Surrogate: Benzo (a) pyrene-d12	200		"	200		98.2	60-130

**Matrix Spike (B4B2719-MS1)**

**Source: Y402535-01**

Prepared: 02/27/2024 Analyzed: 02/29/2024

1-Methylnaphthalene	0.190	0.002	mg/kg	0.200	ND	94.8	70-130
2-Methylnaphthalene	0.189	0.002	"	0.200	ND	94.3	70-130
Acenaphthene	0.190	0.020	"	0.200	0.0003	94.6	70-130
Anthracene	0.181	0.020	"	0.200	ND	90.4	70-130

Origins Laboratory, Inc.



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8000 W 44th Ave  
Wheat Ridge CO 80033

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutterson #D29-33D

**EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4B2719 - EPA 3580**

Matrix Spike (B4B2719-MS1)		Source: Y402535-01			Prepared: 02/27/2024 Analyzed: 02/29/2024					
Benzo (a) anthracene	0.177	0.005	mg/kg	0.200	0.002	87.6	70-130			
Benzo (a) pyrene	0.203	0.020	"	0.200	ND	102	70-130			
Benzo (b) fluoranthene	0.196	0.020	"	0.200	0.0008	97.5	70-130			
Benzo (g,h,i) perylene	0.178	0.020	"	0.200	0.001	88.5	70-130			
Benzo (k) fluoranthene	0.195	0.020	"	0.200	ND	97.6	70-130			
Chrysene	0.194	0.020	"	0.200	ND	96.9	70-130			
Dibenz (a,h) anthracene	0.222	0.020	"	0.200	ND	111	70-130			
Fluoranthene	0.202	0.020	"	0.200	ND	101	70-130			
Fluorene	0.187	0.020	"	0.200	0.0004	93.5	70-130			
Indeno (1,2,3-cd) pyrene	0.201	0.020	"	0.200	ND	101	70-130			
Naphthalene	0.191	0.002	"	0.200	ND	95.6	70-130			
Phenanthrene	0.190	0.020	"	0.200	ND	94.9	70-130			
Pyrene	0.219	0.020	"	0.200	ND	110	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		99.5	60-130			
Surrogate: Anthracene-d10	200		"	200		97.8	60-130			
Surrogate: Pyrene-d10	220		"	200		108	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.6	60-130			

Matrix Spike Dup (B4B2719-MSD1)		Source: Y402535-01			Prepared: 02/27/2024 Analyzed: 02/29/2024					
1-Methylnaphthalene	0.193	0.002	mg/kg	0.200	ND	96.5	70-130	1.71	20	
2-Methylnaphthalene	0.188	0.002	"	0.200	ND	94.0	70-130	0.277	20	
Acenaphthene	0.190	0.020	"	0.200	0.0003	94.7	70-130	0.0354	20	
Anthracene	0.190	0.020	"	0.200	ND	95.2	70-130	5.10	20	
Benzo (a) anthracene	0.180	0.005	"	0.200	0.002	89.4	70-130	2.05	20	
Benzo (a) pyrene	0.207	0.020	"	0.200	ND	104	70-130	1.92	20	
Benzo (b) fluoranthene	0.188	0.020	"	0.200	0.0008	93.6	70-130	4.11	20	
Benzo (g,h,i) perylene	0.183	0.020	"	0.200	0.001	91.1	70-130	2.97	20	

Origins Laboratory, Inc.



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8000 W 44th Ave  
Wheat Ridge CO 80033

Andrew Newberry  
Project Number: [none]  
Project: Noble - Guttersen #D29-33D

**EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4B2719 - EPA 3580**

Matrix Spike Dup (B4B2719-MSD1)		Source: Y402535-01			Prepared: 02/27/2024 Analyzed: 02/29/2024					
Benzo (k) fluoranthene	0.183	0.020	mg/kg	0.200	ND	91.7	70-130	6.30	20	
Chrysene	0.189	0.020	"	0.200	ND	94.5	70-130	2.54	20	
Dibenz (a,h) anthracene	0.219	0.020	"	0.200	ND	110	70-130	0.987	20	
Fluoranthene	0.184	0.020	"	0.200	ND	92.1	70-130	9.14	20	
Fluorene	0.184	0.020	"	0.200	0.0004	91.8	70-130	1.79	20	
Indeno (1,2,3-cd) pyrene	0.195	0.020	"	0.200	ND	97.3	70-130	3.48	20	
Naphthalene	0.193	0.002	"	0.200	ND	96.3	70-130	0.733	20	
Phenanthrene	0.196	0.020	"	0.200	ND	97.9	70-130	3.19	20	
Pyrene	0.205	0.020	"	0.200	ND	103	70-130	6.66	20	
Surrogate: Fluorene-d10	200		ug/kg	200		98.9	60-130			
Surrogate: Anthracene-d10	200		"	200		99.0	60-130			
Surrogate: Pyrene-d10	200		"	200		102	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			

Origins Laboratory, Inc.



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

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutterson #D29-33D

## Classical Chemistry Parameters - 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 B4B2210 - Saturated Paste Metals

##### Blank (B4B2210-BLK1)

Prepared: 02/22/2024 Analyzed: 02/23/2024

SAR	ND	0.0100	SAR
Calcium PPM	ND	10.0	mg/L
Magnesium PPM	ND	10.0	"
Sodium PPM	ND	10.0	"

##### Duplicate (B4B2210-DUP1)

Source: Y402508-01

Prepared: 02/22/2024 Analyzed: 02/23/2024

SAR	ND	0.0100	SAR	4.80		200
Calcium PPM	23.6	10.0	mg/L	20.8	12.6	50
Magnesium PPM	3.81	10.0	"	3.26	15.6	50
Sodium PPM	89.0	10.0	"	89.2	0.191	50

#### Batch B4B2311 - DTPA Sorbitol Preparation

##### Blank (B4B2311-BLK1)

Prepared: 02/23/2024 Analyzed: 02/28/2024

Boron	ND	0.100	mg/L
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##### Duplicate (B4B2311-DUP1)

Source: Y402535-01

Prepared: 02/23/2024 Analyzed: 02/28/2024

Boron	0.332	0.101	mg/L	0.286	14.9	50
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Project: Noble - Gutterson #D29-33D

## Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4B2215 - Saturated Paste pH/EC										
Blank (B4B2215-BLK1)					Prepared: 02/22/2024 Analyzed: 02/23/2024					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
Duplicate (B4B2215-DUP1)					Source: Y402508-01 Prepared: 02/22/2024 Analyzed: 02/23/2024					
pH	8.41		pH Units		8.39			0.238	25	
Specific Conductance (EC)	0.567	0.00500	mmhos/cm		0.587			3.43	25	

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Wheat Ridge CO 80033

Andrew Newberry  
Project Number: [none]  
Project: Noble - Gutterson #D29-33D

### 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.

Origins Laboratory, Inc.



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