

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>		Partially Buried Vault Closure <u> </u>
Site Name & COGCC Facility Number: Clyncke State B #36-25		Date: 08/31/22					Remediation Project #: 20778	
Associated Wells: 05-123-26536		Age of Site: years					Number of Photos Attached: 1	
Location: (GPS coordinates of wellhead or southeastern most wellhead for multiple) 40.352562 / -104.502520							Estimated Facility Size (acres): <u> </u>	
General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.) Good condition								
USCS Soil Type: SC				Estimated Depth to Groundwater: ~10-15'				
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	05-123-26536							
Age	years							
Condition of surface around wellhead	Good - Per Crew							
PID Readings	N/A - Excavated upon arrival							
Condition of subsurface (staining present)	Good - No odor/no staining							
PID Readings	11.1	11.3	15.2	13.8	16.1			
Sample taken? Location/Sample ID#	WH-SS-01	WH-SS-02	WH-SS-03	WH-SS-04	WH-FS-01			
Photo Number(s)	See photo log							
Other observations regarding wellheads: Well casing cut/capped following assessment								
Summary								
Was impacted soil identified? (No) Yes - less than 10 cubic yards Yes - more than 10 cubic yards								
Total number of samples field screened: 5				Total number of samples collected: 5				
Highest PID Reading: 16.1				Total number of samples submitted to lab for analysis: 1				
If more than 10 cubic yards of impacted soil were observed:								
Vertical extent:				Estimated spill volume:				
Lateral extent:				Volume of soil removed:				
N/A								
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:								

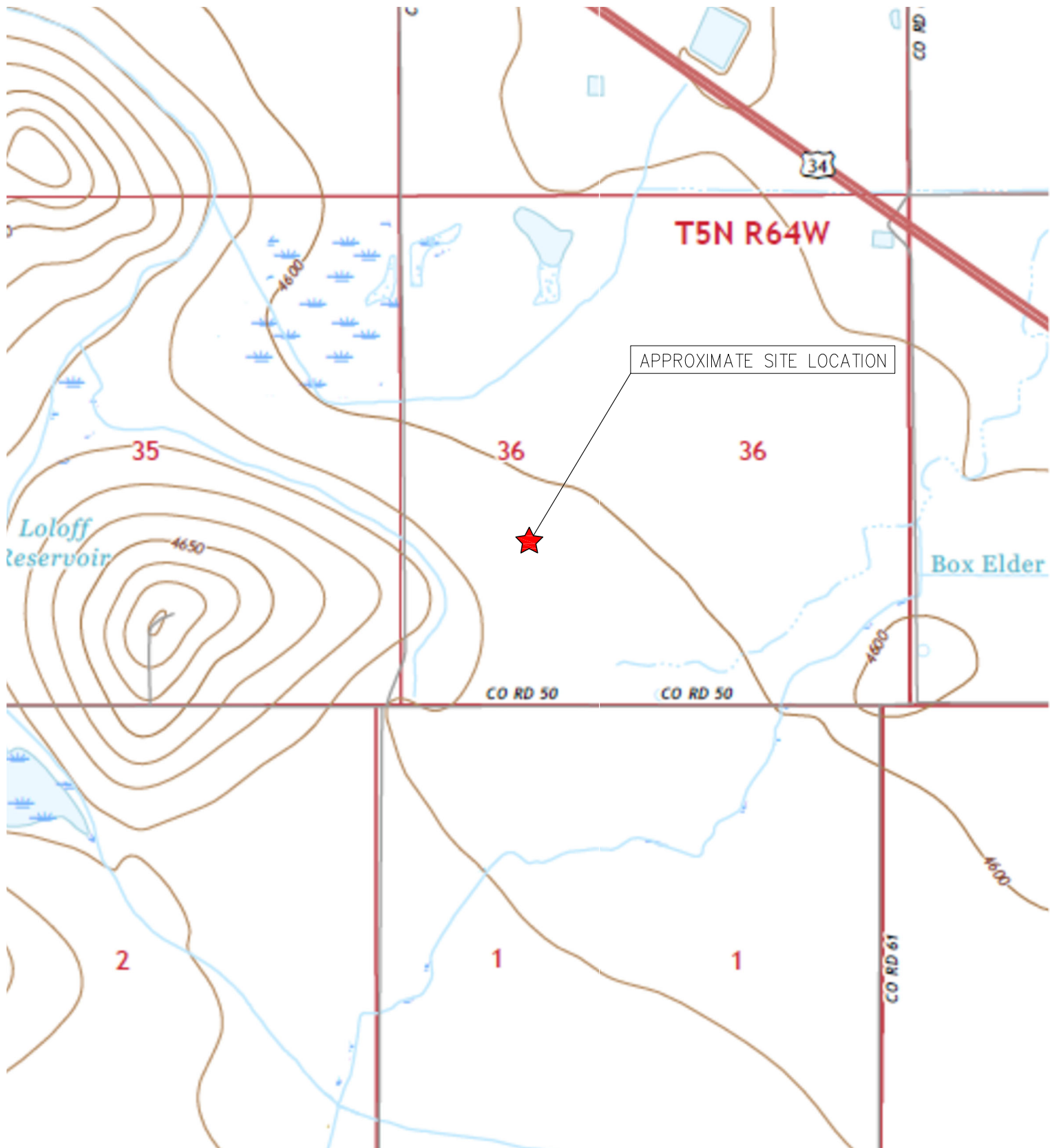


FIGURES

Figure 1: Topographic Site Location Map

Figure 2: Aerial Site Location Map

Figure 3: Soil Analytical Map



TOPOGRAPHIC SITE LOCATION MAP
 CLYNCKE STATE B #36-25
 CLOSURE ASSESSMENT
 40.352562 / -104.502520
 NW¼ SW¼ SEC.36 T5N R64W 6PM
 WELD COUNTY, COLORADO
 API # 05-123-26536
 REMEDIATION # 20778

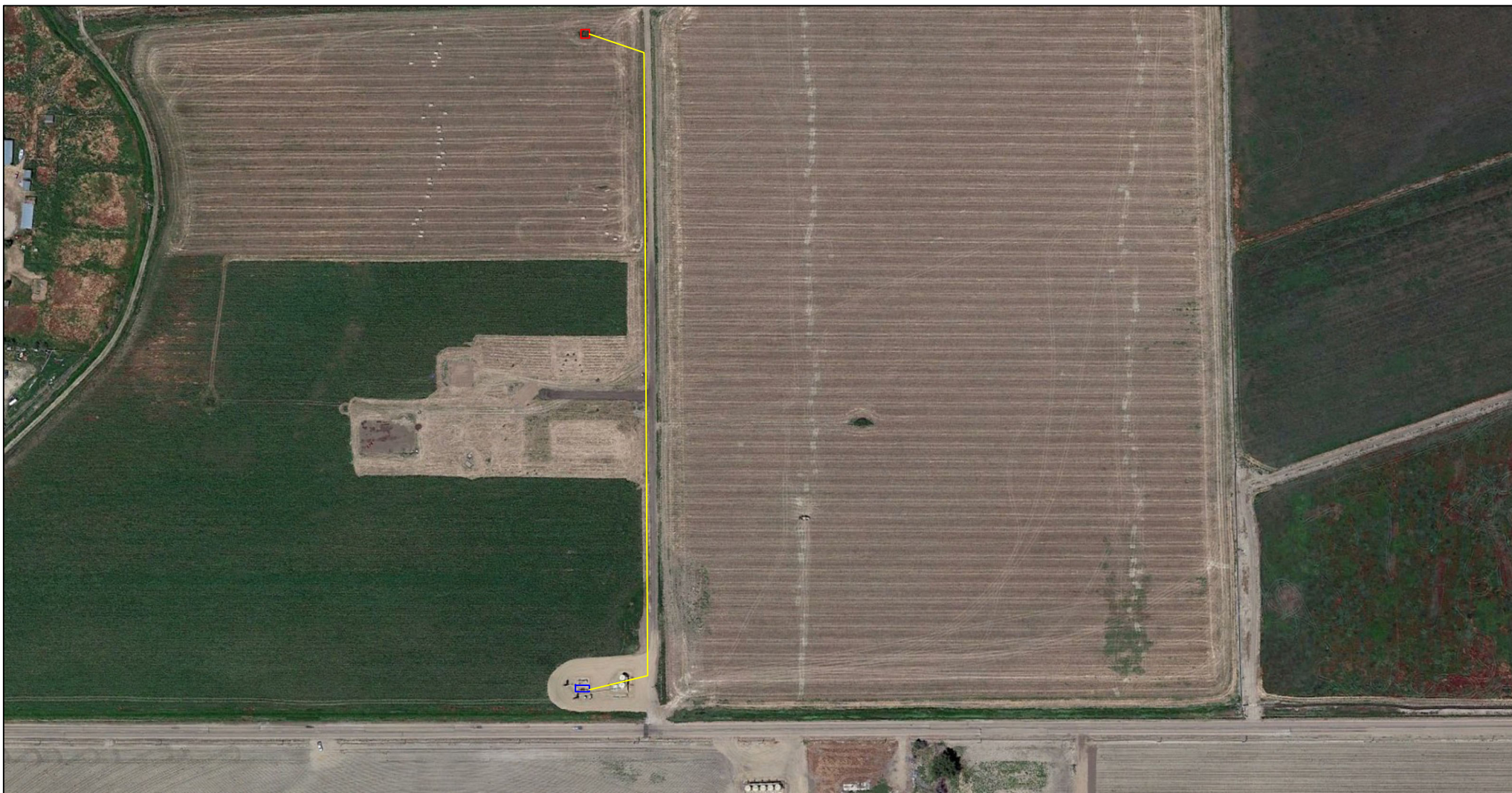


EAGLE
 ENVIRONMENTAL
 CONSULTING, LLC

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

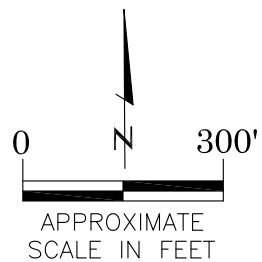
SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAPS,
 HARDIN & VALLEY VIEW SCHOOL, CO
 QUADRANGLES 2022

FIGURE NO. 1



LEGEND

- FORMER CLYNCKE STATE B #36-25 WELLHEAD (PLUGGED AND ABANDONED)
- ASSOCIATED SEPARATOR
- APPROXIMATE FLOWLINE LOCATION



AERIAL SITE LOCATION MAP
CLYNCKE STATE B #36-25
CLOSURE ASSESSMENT
40.352562 / -104.502520
NW¼ SW¼ SEC.36 T5N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-26536
REMEDATION # 20778

FIGURE NO.
2

DRAWN BY:
JF



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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)
G = TPH-GRO (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 = MILLIHOS PER CENTIMETER

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

BRL = BELOW REGULATORY LIMITS

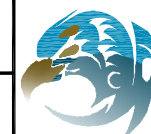
NOTES:
VALUES PRESENTED IN **BOLD** EXCEED ECMC TABLE 915-1 REGULATORY LIMITS.

ECMC = ENERGY & CARBON MANAGEMENT COMMISSION

SOIL ANALYTICAL MAP
CLYNCKE STATE B #36-25
CLOSURE ASSESSMENT
40.352562 / -104.502520
NW¼ SW¼ SEC.36 T5N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-26536
REMEDIAL # 20778

FIGURE NO.
3

DRAWN BY:
JF



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TABLES

Table 1: Photoionization Detector Reading Summary

Table 2: Soil Analytical Results Summary

TABLE 1
PHOTOIONIZATION DETECTOR READING SUMMARY
CLYNCKE STATE B #36-25
CLOSURE ASSESSMENT
40.352562 / -104.502520
NW¼ SW¼ SEC.36 T5N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-26536
REMEDATION # 20778

Sample Location (Latitude/Longitude)	Date	Approximate Depth (feet)	PID Reading (ppm-v)	Lab Submission (Y/N)
WH-SS-01 @ 5' (40.352590 / -104.502526)	08/31/22	5	11.1	N
WH-SS-02 @ 5' (40.352575 / -104.502509)	08/31/22	5	11.3	N
WH-SS-03 @ 5' (40.352562 / -104.502527)	08/31/22	5	15.2	N
WH-SS-04 @ 5' (40.352576 / -104.502546)	08/31/22	5	13.8	N
WH-FS-01 @ 6' (40.352576 / -104.502526)	08/31/22	6	16.1	Y
Background-01 @ 3' (40.352622 / -104.502460)	08/31/22	3	5.4	Y
(Y/N) = Yes or No ppm-v = parts per million by volume PID = Photoionization Detector				

TABLE 2
SOIL ANALYTICAL RESULTS SUMMARY
CLYNCKE STATE B #36-25
CLOSURE ASSESSMENT
40.352562 / -104.502520
NW¼ SW¼ SEC.36 T5N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-26536
REMEDATION # 20778

Sample Location		WH-FS-01 @ 6'		Background-01 @ 3'	
(Latitude / Longitude)		(40.352576 / -104.502526)		(40.352622 / -104.502460)	
Sample Date		8/31/2022		8/31/2022	
Sample Depth		6		3	
PID Reading (ppm-v)		16.1		5.4	
Regulatory Limits					
Chemical of Concern	Units	ECMC Table 915-1 RSSLs	ECMC Table 915-1 GSSLs		
VOCs					
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
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	500	--	<25.0	NA
TPH-RRO	mg/kg	500	--	<100	NA
Polycyclic Aromatics Hydrocarbons					
1-Methyl-naphthalene	mg/kg	18	0.006	<0.00067	NA
2-Methyl-naphthalene	mg/kg	24	0.019	<0.00067	NA
Acenaphthene	mg/kg	360	0.55	<0.00067	NA
Anthracene	mg/kg	1800	5.8	<0.00067	NA
Benzo(a)-anthracene	mg/kg	1.1	0.011	<0.00067	NA
Benzo(a)-pyrene	mg/kg	0.11	0.24	<0.00067	NA
Benzo(b)-fluoranthene	mg/kg	1.1	0.3	<0.00067	NA
Benzo(k)-fluoranthene	mg/kg	11	2.9	<0.00067	NA
Chrysene	mg/kg	110	9	<0.00067	NA
Dibenzo(a,h)-anthracene	mg/kg	0.11	0.096	<0.00067	NA
Fluoranthene	mg/kg	240	8.9	<0.00067	NA
Fluorene	mg/kg	240	0.54	<0.00067	NA
Indeno(1,2,3-cd)-pyrene	mg/kg	1.1	0.98	<0.00067	NA
Naphthalene	mg/kg	2	0.0038	<0.00067	NA
Pyrene	mg/kg	180	1.3	<0.00067	NA
Soil Suitability (Inorganics)					
Boron	mg/L	2	--	0.218	NA
pH	standard unit	6-8.3	--	8.46	7.97
Sodium Adsorption Ratio (SAR)	--	<6	--	5.77	NA
Specific Conductance (EC)	mmhos/cm	<4	--	0.737	NA
ECMC = Energy & Carbon Management Commission		VOCs - Volatile Organic Compounds		NA - Not Analyzed	
mg/kg = milligrams per kilogram					
mmhos/cm = millimhos per centimeter		RSSLs = Residential Soil Screening Levels			
PID = Photoionization Detector		GSSLs = Protection of Groundwater Soil Screening Levels			
ppm-v = parts per million by volume		TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics			
mg/L = milligrams per liter		TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics			
SAR = Sodium Adsorption Ratio		TPH-RRO = Total Petroleum Hydrocarbons - Residual Range Organics			
Notes:					
Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit and/or minimum detection limit.					
Values presented in BOLD exceed ECMC Table 915-1 Regulatory Limits.					



ATTACHMENT A

Photo Log

Clyncke State B #36-25

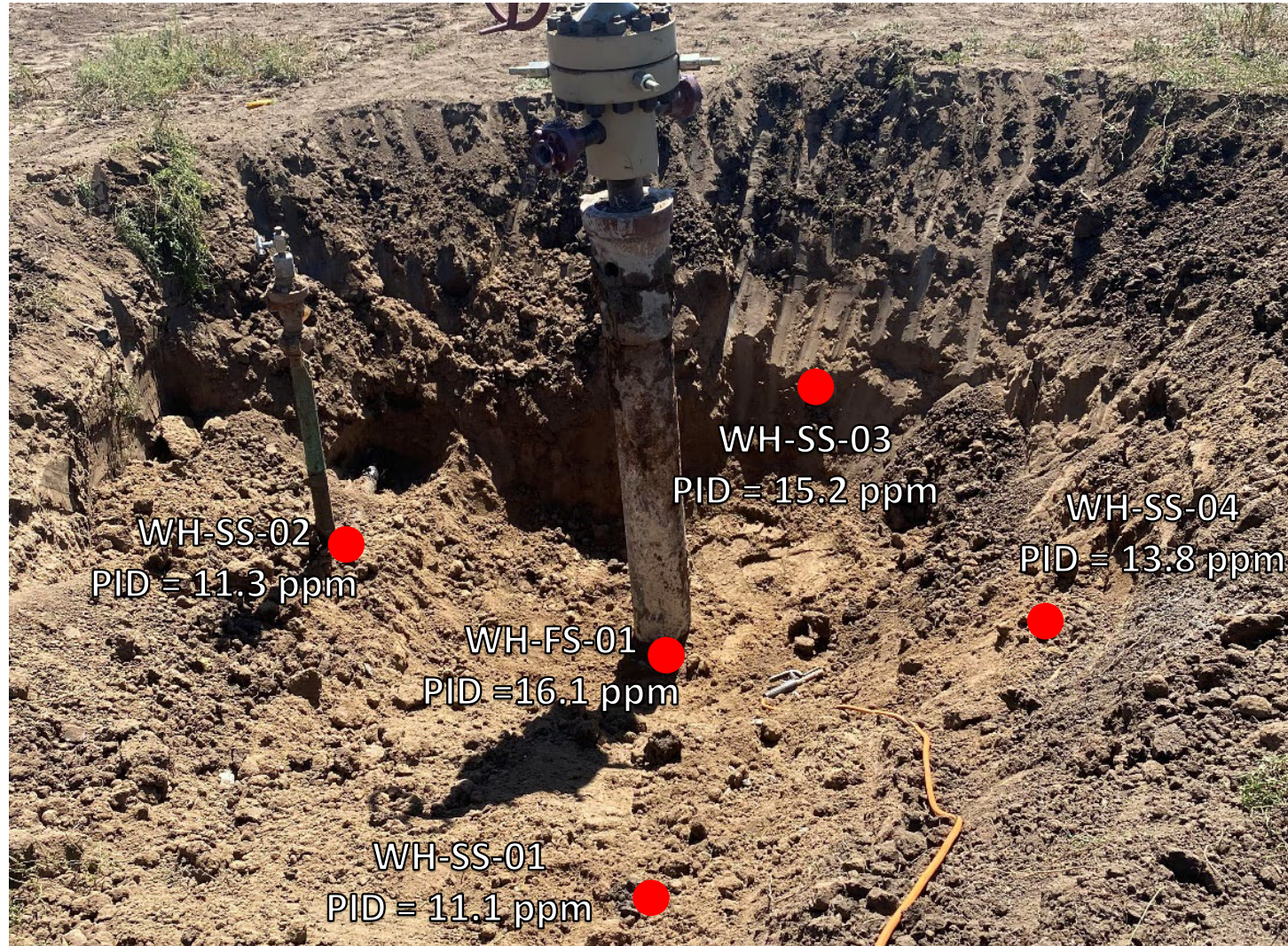
API # 05-123-26536
Remediation # 20778

Closure Assessment

August 2022



Wellhead Excavation – 08/31/22



Looking southeast

No petroleum hydrocarbon staining or odor observed



ATTACHMENT B

Laboratory Analytical Reports



September 12, 2022

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Clyncke State B #36-25

Project Number - [none]

Attached are your analytical results for Noble - Clyncke State B #36-25 received by Origins Laboratory, Inc. August 31, 2022. This project is associated with Origins project number Y208770-01.

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

Martin C Eckert III

Project Number: [none]

Project: Noble - Clyncke State B #36-25

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-FS-01@6'	Y208770-01	Soil	August 31, 2022 12:13	08/31/2022 14:45

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: Y208770

Client: Eagle
Client Project ID: Clyncke State B #36-25

Checklist Completed by: MS

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

Date/time completed: 8/31/22

Airbill #: NA

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

Cooler Number/Temperature: 1, 0.3 °C / _____ °C / _____ °C / _____ °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 ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Reviewed by (Project Manager) MP

Date/Time Reviewed 9/1/22

Origins Laboratory, Inc.

J. Bynon

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

WH-FS-01@6'

8/31/2022 12:13:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y208770-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.218	0.0982	mg/L	1	B210106	09/01/2022	09/02/2022	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B210624	09/06/2022	09/07/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	90.3 %	50-150	"	"	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B210217	09/02/2022	09/06/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	92.4 %	70-130	"	"	"	"	"
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

WH-FS-01@6'

8/31/2022 12:13:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y208770-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	103 %	70-130	B21021 7	09/02/2022	09/06/2022
Surrogate: 4-Bromofluorobenzene	87.0 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	0.700	0.499	meq/L	10	[CALC]	09/01/2022	09/06/2022
Magnesium	ND	0.823	"	"	"	"	"
Sodium	4.72	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L636065	09/07/2022	09/07/2022
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"
Anthracene	ND	0.000334	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"
Chrysene	ND	0.000624	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

WH-FS-01@6'

8/31/2022 12:13:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y208770-01 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L636065	09/07/2022	09/07/2022
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	58.6 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	65.5 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	56.2 %	29-110	"	"	"

pH in Soil by 9045D

pH	8.46	pH Units	1	B2I0108	09/01/2022	09/02/2022
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SAR by 20B Saturated Paste

SAR	5.77	SAR	1	B2I0105	09/01/2022	09/06/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.737	0.00500	mmhos/cm	1	B2I0108	09/01/2022	09/02/2022
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

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 B2I0217 - EPA 5030 (soil)										
Blank (B2I0217-BLK1)					Prepared: 09/02/2022 Analyzed: 09/06/2022					
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	0.00380	"							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		89.6	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.10		"	0.125		84.0	70-130			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

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 B2I0217 - EPA 5030 (soil)										
LCS (B2I0217-BS1)					Prepared: 09/02/2022 Analyzed: 09/06/2022					
1,2,4-Trimethylbenzene	0.0959	0.00200	mg/kg	0.100		95.9	70-130			
1,3,5-Trimethylbenzene	0.0967	0.00200	"	0.100		96.7	70-130			
Benzene	0.0900	0.00200	"	0.100		90.0	70-130			
Ethylbenzene	0.0965	0.00200	"	0.100		96.5	70-130			
Naphthalene	0.0928	0.00380	"	0.100		92.8	70-130			
Toluene	0.0840	0.00200	"	0.100		84.0	70-130			
o-Xylene	0.0844	0.00200	"	0.100		84.4	70-130			
m,p-Xylene	0.199	0.00400	"	0.200		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		87.5	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

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 B2I0217 - EPA 5030 (soil)										
Matrix Spike (B2I0217-MS1)		Source: Y208770-01			Prepared: 09/02/2022 Analyzed: 09/06/2022					
1,2,4-Trimethylbenzene	0.0842	0.00200	mg/kg	0.100	ND	84.2	70-130			
1,3,5-Trimethylbenzene	0.0850	0.00200	"	0.100	ND	85.0	70-130			
Benzene	0.0842	0.00200	"	0.100	ND	84.2	70-130			
Ethylbenzene	0.0897	0.00200	"	0.100	ND	89.7	70-130			
Naphthalene	0.0645	0.00380	"	0.100	ND	64.5	70-130			QM-07
Toluene	0.0785	0.00200	"	0.100	ND	78.5	70-130			
o-Xylene	0.0714	0.00200	"	0.100	ND	71.4	70-130			
m,p-Xylene	0.185	0.00400	"	0.200	ND	92.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		84.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		95.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

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 B2I0217 - EPA 5030 (soil)										
Matrix Spike Dup (B2I0217-MSD1)	Source: Y208770-01				Prepared: 09/02/2022 Analyzed: 09/06/2022					
1,2,4-Trimethylbenzene	0.100	0.00200	mg/kg	0.100	ND	100	70-130	17.2	20	
1,3,5-Trimethylbenzene	0.101	0.00200	"	0.100	ND	101	70-130	17.5	20	
Benzene	0.0986	0.00200	"	0.100	ND	98.6	70-130	15.8	20	
Ethylbenzene	0.104	0.00200	"	0.100	ND	104	70-130	14.5	20	
Naphthalene	0.0894	0.00380	"	0.100	ND	89.4	70-130	32.4	20	QR-02
Toluene	0.0886	0.00200	"	0.100	ND	88.6	70-130	12.2	20	
o-Xylene	0.0853	0.00200	"	0.100	ND	85.3	70-130	17.8	20	
m,p-Xylene	0.215	0.00400	"	0.200	ND	108	70-130	15.0	20	
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		84.0	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		91.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

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 B2I0624 - EPA 3550B										
Blank (B2I0624-BLK1)					Prepared: 09/06/2022 Analyzed: 09/07/2022					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	23		"	24.9		93.6	50-150			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

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 B2I0624 - EPA 3550B

LCS (B2I0624-BS1)

Prepared: 09/06/2022 Analyzed: 09/07/2022

Diesel (C10-C28)	441	25.0	mg/kg	500		88.3	70-130			
Residual Range Organics (C28-C40)	489	100	"	500		97.7	70-130			
Surrogate: o-Terphenyl	29		"	24.9		115	50-150			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

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 B2I0624 - EPA 3550B

Matrix Spike (B2I0624-MS1)		Source: Y208754-01			Prepared: 09/06/2022 Analyzed: 09/07/2022					
Diesel (C10-C28)	939	25.0	mg/kg	500	688	50.2	70-130			QM-07
Residual Range Organics (C28-C40)	466	100	"	500	43.6	84.5	70-130			
Surrogate: o-Terphenyl	34		"	24.9		135	50-150			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

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 B2I0624 - EPA 3550B										
Matrix Spike Dup (B2I0624-MSD1)		Source: Y208754-01			Prepared: 09/06/2022 Analyzed: 09/07/2022					
Diesel (C10-C28)	990	25.0	mg/kg	500	688	60.4	70-130	5.30	35	QM-07
Residual Range Organics (C28-C40)	476	100	"	500	43.6	86.4	70-130	2.09	35	
Surrogate: o-Terphenyl	33		"	24.9		134	50-150			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

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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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 B2I0105 - Default Prep Metals

Blank (B2I0105-BLK1)

Prepared: 09/01/2022 Analyzed: 09/06/2022

SAR	0.00		SAR
Calcium PPM	ND	10.0	mg/L
Magnesium PPM	ND	10.0	"
Sodium PPM	ND	10.0	"

Duplicate (B2I0105-DUP1)

Source: Y208759-04

Prepared: 09/01/2022 Analyzed: 09/06/2022

Calcium PPM	15.1	10.0	mg/L	14.9	1.17	50
SAR	0.00		SAR	0.0632	200	200
Magnesium PPM	3.11	10.0	mg/L	3.04	2.44	50
Sodium PPM	1.37	10.0	"	1.03	28.7	50

Batch B2I0106 - Default Prep Metals

Blank (B2I0106-BLK1)

Prepared: 09/01/2022 Analyzed: 09/02/2022

Boron	ND	0.100	mg/L
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Duplicate (B2I0106-DUP1)

Source: Y208760-04

Prepared: 09/01/2022 Analyzed: 09/02/2022

Boron	ND	0.100	mg/L	ND	50
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

Saturated Paste - 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 B2I0108 - NO PREP

Blank (B2I0108-BLK1)

Prepared: 09/01/2022 Analyzed: 09/02/2022

pH	0.00		pH Units
Specific Conductance (EC)	ND	0.00500	mmhos/cm

Duplicate (B2I0108-DUP1)

Source: Y208759-04

Prepared: 09/01/2022 Analyzed: 09/02/2022

Specific Conductance (EC)	0.141	0.00500	mmhos/cm	0.137	2.59	25
pH	8.07		pH Units	7.99	0.996	25

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

PAH by 8270D SIM - Quality Control
Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L636065 - 3550B

MSD (L 99229-MSD-L636065)		Source: 99229			Prepared: 09/07/2022 Analyzed: 09/07/2022					
Fluorene	0.1	0.00067	mg/Kg	0.165	<0.000286	60.6	30-130	5.8	30	
1-Methylnaphthalene	0.0916	0.00067	"	0.165	<0.000364	55.5	30-130	7.2	30	
Pyrene	0.11	0.00067	"	0.165	<0.000643	66.6	30-130	2.6	30	
Indeno(1,2,3-cd)pyrene	0.144	0.00067	"	0.165	<0.000627	87.2	30-130	28.5	30	
Fluoranthene	0.11	0.00067	"	0.165	<0.000394	66.6	30-130	2.6	30	
Dibenz(a,h)anthracene	0.152	0.00067	"	0.165	<0.000614	92.1	30-130	29.4	30	
Chrysene	0.109	0.00067	"	0.165	<0.000624	66	30-130	5.3	30	
Naphthalene	0.09	0.00067	"	0.165	<0.000484	54.5	30-130	7.1	30	
2-Methylnaphthalene	0.0922	0.00067	"	0.165	<0.000645	55.8	30-130	6	30	
Benzo(k)fluoranthene	0.125	0.00067	"	0.165	<0.000437	75.7	30-130	11.8	30	
Acenaphthene	0.0946	0.00067	"	0.165	<0.000304	57.3	30-130	4.8	30	
Anthracene	0.106	0.00067	"	0.165	<0.000334	64.2	30-130	3.7	30	
Benzo(a)anthracene	0.113	0.00067	"	0.165	<0.000493	68.4	30-130	1.7	30	
Benzo(a)pyrene	0.127	0.00067	"	0.165	<0.000468	76.9	30-130	1.5	30	
Benzo(b)fluoranthene	0.115	0.00067	"	0.165	<0.000585	69.6	30-130	0	30	
Surrogate: 2-Fluorobiphenyl	53.3		"	0.33	155	53.3	33-115			
Surrogate: Nitrobenzene-d5	56.9		"	0.33	152	56.9	29-110			
Surrogate: 4-Terphenyl-d14	61.8		"	0.33	182	61.8	33-122			

MS (L 99229-MS-L636065)		Source: 99229			Prepared: 09/07/2022 Analyzed: 09/07/2022					
Benzo(k)fluoranthene	0.111	0.00067	mg/Kg	0.167	<0.000437	66.4	30-130			
Acenaphthene	0.0993	0.00067	"	0.167	<0.000304	59.4	30-130			
Naphthalene	0.0967	0.00067	"	0.167	<0.000484	57.9	30-130			
Indeno(1,2,3-cd)pyrene	0.108	0.00067	"	0.167	<0.000627	64.6	30-130			
Fluorene	0.106	0.00067	"	0.167	<0.000286	63.4	30-130			
Fluoranthene	0.113	0.00067	"	0.167	<0.000394	67.6	30-130			
Dibenz(a,h)anthracene	0.113	0.00067	"	0.167	<0.000614	67.6	30-130			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

PAH by 8270D SIM - Quality Control
Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L636065 - 3550B

MS (L 99229-MS-L636065)		Source: 99229			Prepared: 09/07/2022 Analyzed: 09/07/2022					
Chrysene	0.115	0.00067	mg/Kg	0.167	<0.000624	68.8	30-130			
1-Methylnaphthalene	0.0985	0.00067	"	0.167	<0.000364	58.9	30-130			
Benzo(a)pyrene	0.129	0.00067	"	0.167	<0.000468	77.2	30-130			
Anthracene	0.11	0.00067	"	0.167	<0.000334	65.8	30-130			
Pyrene	0.113	0.00067	"	0.167	<0.000643	67.6	30-130			
2-Methylnaphthalene	0.098	0.00067	"	0.167	<0.000645	58.6	30-130			
Benzo(b)fluoranthene	0.115	0.00067	"	0.167	<0.000585	68.8	30-130			
Benzo(a)anthracene	0.111	0.00067	"	0.167	<0.000493	66.4	30-130			
Surrogate: Nitrobenzene-d5	57.9		"	0.333	152	57.9	29-110			
Surrogate: 4-Terphenyl-d14	65.7		"	0.333	182	65.7	33-122			
Surrogate: 2-Fluorobiphenyl	55.8		"	0.333	155	55.8	33-115			

LCS (LCS-L636065)		Prepared: 09/07/2022 Analyzed: 09/07/2022								
Chrysene	0.12	0.00067	mg/Kg	0.167		71.8	30-130			
Dibenz(a,h)anthracene	0.152	0.00067	"	0.167		91	30-130			
Fluoranthene	0.116	0.00067	"	0.167		69.4	30-130			
Fluorene	0.11	0.00067	"	0.167		65.8	30-130			
Indeno(1,2,3-cd)pyrene	0.146	0.00067	"	0.167		87.4	30-130			
Naphthalene	0.1	0.00067	"	0.167		59.8	30-130			
Pyrene	0.117	0.00067	"	0.167		70	30-130			
Benzo(k)fluoranthene	0.125	0.00067	"	0.167		74.8	30-130			
Benzo(a)pyrene	0.133	0.00067	"	0.167		79.6	30-130			
Benzo(a)anthracene	0.113	0.00067	"	0.167		67.6	30-130			
Anthracene	0.113	0.00067	"	0.167		67.6	30-130			
Acenaphthene	0.104	0.00067	"	0.167		62.2	30-130			
2-Methylnaphthalene	0.102	0.00067	"	0.167		61	30-130			
1-Methylnaphthalene	0.102	0.00067	"	0.167		61	30-130			

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

PAH by 8270D SIM - Quality Control
Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L636065 - 3550B										
LCS (LCS-L636065)					Prepared: 09/07/2022 Analyzed: 09/07/2022					
Benzo(b)fluoranthene	0.123	0.00067	mg/Kg	0.167		73.6	30-130			
Surrogate: Nitrobenzene-d5	67.5		"	0.333		67.5	29-110			
Surrogate: 4-Terphenyl-d14	70.8		"	0.333		70.8	33-122			
Surrogate: 2-Fluorobiphenyl	63.6		"	0.333		63.6	33-115			
LRB (LRB-L636065)					Prepared: 09/07/2022 Analyzed: 09/07/2022					
Chrysene	ND	0.00067	mg/Kg				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Naphthalene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00067	"				-			
1-Methylnaphthalene	ND	0.00067	"				-			
Pyrene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Surrogate: Nitrobenzene-d5	55.8		"	0.333		55.8	29-110			
Surrogate: 4-Terphenyl-d14	65.4		"	0.333		65.4	33-122			
Surrogate: 2-Fluorobiphenyl	57		"	0.333		57	33-115			

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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Clyncke State B #36-25

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.

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 on 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.



September 21, 2022

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Clyncke State B #36-25

Project Number - [none]

Attached are your analytical results for Noble - Clyncke State B #36-25 received by Origins Laboratory, Inc. September 13, 2022. This project is associated with Origins project number Y209233-01.

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

Martin C Eckert III

Project Number: [none]

Project: Noble - Clyncke State B #36-25

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Background-01@3'	Y209233-01	Soil	August 31, 2022 12:15	09/13/2022 09:37

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

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page 1 of 1

Y209233

Project Manager: Martin Eckert III
Project Name: Clyncke State B #36-25
Project Number: CT
Samples Collected By: CT

Client: Eagle Env. Consulting
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: 303-433-0479
Email Address: mce3@eagle-enviro.com

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

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #			Other
Bağcıand-01e2	8/31/22	1215	1	X					X				Saturated pore prep 1
													2
													3
													4
													5
													6
													7
													8
													9
													10

Relinquished By: [Signature] Date: 9/13/22 Time: 0440
Relinquished By: [Signature] Date: 9/13/22 Time: 0440

Received By: BM Date: 9-13-22 Time: 9:37
Received By: [Signature] Date: 9-13-22 Time: 9:37

Turnaround Time: Same Day ☐ 24 Hr ☐ 48 Hr ☐ 72 Hr ☐ Standard ☒

Temp Received- 0.40 Date Results Needed 4/13/22

Bill to Cole

Origins Laboratory, Inc.

J. Bynon

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: Y209233

Client: Eagle Environmental

Client Project ID: Clyncke State B #36-25

Checklist Completed by: DE

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

Date/time completed: 09/13/2022

Airbill #: NA

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

Cooler Number/Temperature: 1 / 9 °C _____ / _____ °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 ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) / (pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)		<input checked="" type="checkbox"/>		
Additional Comments (if any):				

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

Reviewed by: JB (Project Manager)

Date/Time Reviewed: 9-14-22

Origins Laboratory, Inc.

J. Bynon

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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Clyncke State B #36-25

Background-01@3'

8/31/2022 12:15:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Y209233-01 (Soil)

pH in Soil by 9045D

pH	7.97	pH Units	1	B211609	TSH	09/16/2022	09/17/2022
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - Clyncke State B #36-25

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2I1609 - NO PREP										
Blank (B2I1609-BLK1)					Prepared: 09/16/2022 Analyzed: 09/17/2022					
pH	0.00		pH Units							
Duplicate (B2I1609-DUP1)					Source: Y209229-01 Prepared: 09/16/2022 Analyzed: 09/17/2022					
pH	8.18		pH Units		8.14			0.490	25	

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Clyncke State B #36-25

Notes and Definitions

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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