

Wellhead Closure Checklist

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

| Additional attachments (optional): | | Pit Closure <input type="checkbox"/> | | Tank Battery Closure <input type="checkbox"/> | Flowline Closure 05/05/23 | Partially Buried Vault Closure <input type="checkbox"/> | |
|---|-------------------------------|---|--|--|------------------------------|--|--|
| Site Name & COGCC Facility Number: State C #36-4 | | Date: 04/06/23 | | | | Remediation Project #: 26979 | |
| Associated Wells: 05-123-21121 | | Age of Site: Years | | | | Number of Photos Attached: 1 | |
| Location: (GPS coordinates of wellhead or southeastern most wellhead for multiple) | | | | | 40.274627 -104.506781 | | |
| Estimated Facility Size (acres): | | | | | | | |
| General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.) Good Condition | | | | | | | |
| USCS Soil Type: Clayey SAND | | | | Estimated Depth to Groundwater: Approx. 30-40' | | | |
| Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth) Strong hydrocarbon odor and staining observed within excavation. | | | | | | | |
| 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 | 05-123-21121 | | | | | | |
| Age | Years | | | | | | |
| Condition of surface around wellhead | Good - Per Crew | | | | | | |
| PID Readings | N/A - Excavated Upon Arrival | | | | | | |
| Condition of subsurface (staining present) | HC odor and staining observed | | | | | | |
| PID Readings | 101.6 | 3.0 | 7.6 | 400.0 | 377.1 | | |
| Sample taken? Location/Sample ID# | WH-SS-01 | WH-SS-02 | WH-SS-03 | WH-SS-04 | WH-FS-01 | | |
| Photo Number(s) | See photolog | | | | | | |
| Other observations regarding wellheads: Well casing cut/capped following assessment. | | | | | | | |
| Summary | | | | | | | |
| Was impacted soil identified? No <input type="checkbox"/> Yes - less than 10 cubic yards <input checked="" type="checkbox"/> Yes - more than 10 cubic yards <input type="checkbox"/> | | | | | | | |
| Total number of samples field screened: 5 | | | Total number of samples collected: 5 | | | | |
| Highest PID Reading: 400.0 | | | Total number of samples submitted to lab for analysis: 5 | | | | |
| If more than 10 cubic yards of impacted soil were observed: | | | | | | | |
| Vertical extent: | | | Estimated spill volume: | | | | |
| Lateral extent: N/A | | | Volume of soil removed: | | | | |
| Is additional investigation required? | | | | | | | |
| Was groundwater encountered during the investigation? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes - not impacted or in contact with impacted soils <input type="checkbox"/> Yes - groundwater impacted and/or in contact with impacted soils | | | | | | | |
| Measured depth to groundwater: | | | Was remedial groundwater removal conducted? Yes <input type="checkbox"/> No <input type="checkbox"/> | | | | |
| Date Groundwater was encountered: | | | Commencement date of removal: | | | | |
| Sheen on groundwater? Yes <input type="checkbox"/> No <input type="checkbox"/> | | | Volume of groundwater removed prior to sampling: | | | | |
| Free product observed? Yes <input type="checkbox"/> No <input type="checkbox"/> | | | 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

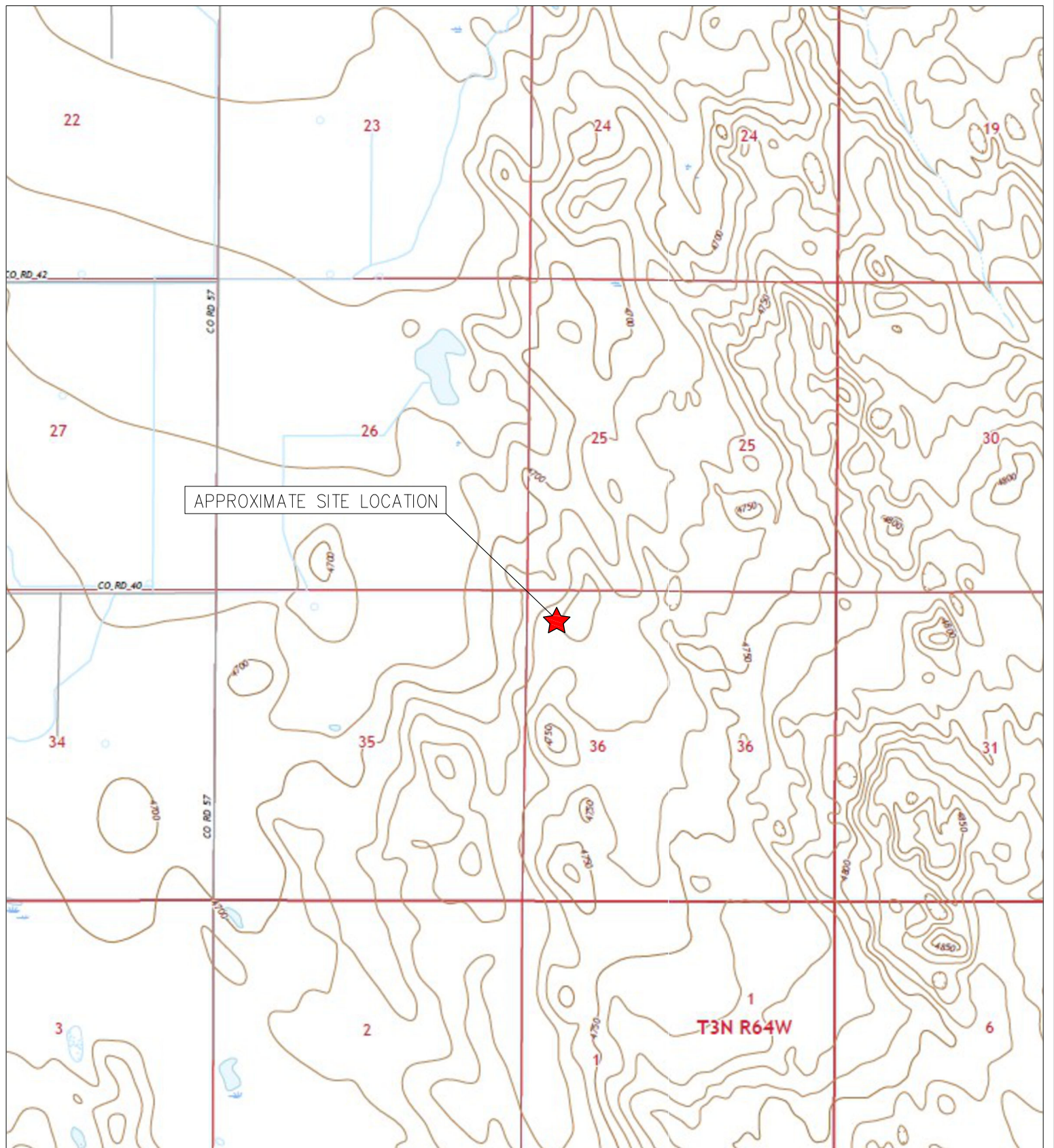
Figure 1: Topographic Site Location Map

Figure 2: Aerial Site Location Map

Figure 3: Soil Analytical Map

Figure 4: Polycyclic Aromatic Hydrocarbons Map

Figure 5: Metals in Soil Map



APPROXIMATE SITE LOCATION



T3N R64W



TOPOGRAPHIC SITE LOCATION MAP
 STATE C #36-4
 CLOSURE ASSESSMENT
 40.274490 / -104.507040
 NW¼ NW¼ SEC.36 T4N R64W 6PM
 WELD COUNTY, COLORADO
 API # 05-123-21121
 REMEDIATION # 26979



EAGLE
 ENVIRONMENTAL
 CONSULTING, LLC

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

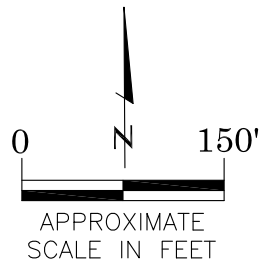
SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAPS
 VALLEY VIEW SCHOOL AND HARDIN, CO
 QUADRANGLES 2022

FIGURE NO. 1



LEGEND

- FORMER STATE C #36-4 WELLHEAD (PLUGGED AND ABANDONED)
- ASSOCIATED SEPARATOR
- APPROXIMATE FLOWLINE LOCATION



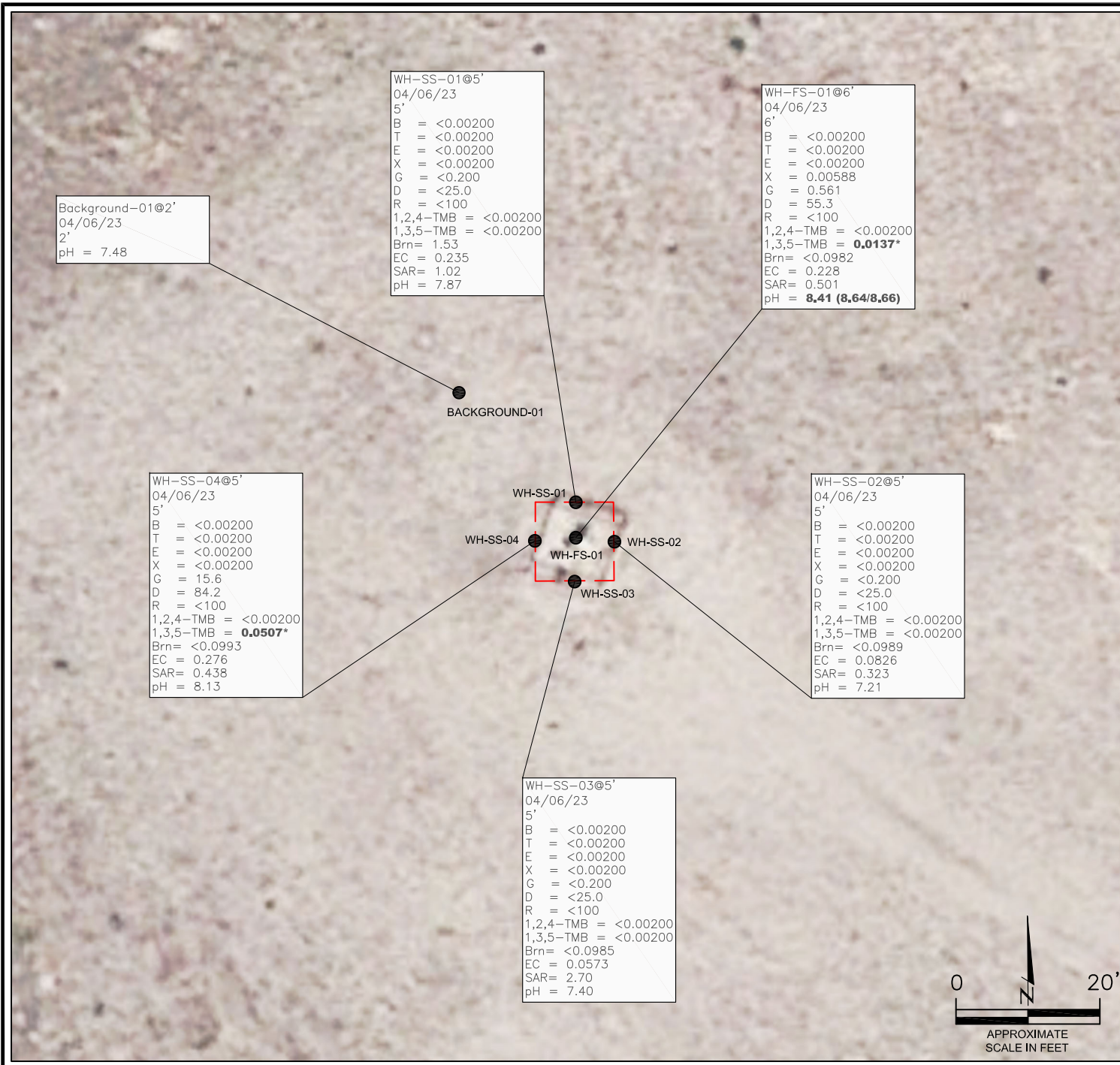
AERIAL SITE LOCATION MAP
STATE C #36-4
CLOSURE ASSESSMENT
40.274490 / -104.507040
NW¼ NW¼ SEC.36 T4N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-21121
REMEDIAION # 26979

FIGURE NO.
2

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LEGEND

- WELLHEAD ASSESSMENT BOUNDARIES
- 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)

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

NOTES:
VALUES PRESENTED WITH A LESS THAN SYMBOL (<) DID NOT CONTAIN CONCENTRATIONS AT OR ABOVE LABORATORY DETECTION LIMITS.

LABORATORY RERUNS WERE COMPLETED ON SAMPLES WITH PH VALUES OUTSIDE ECMC TABLE 915-1 REGULATORY RANGE. RESULTS OF THE RERUNS ARE PRESENTED IN PARENTHESES.

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

VALUES PRESENTED WITH ASTERISK (*) EXCEED ECMC TABLE 915-1 PROTECTION OF GROUNDWATER SOIL SCREENING LEVELS, ONLY.

ECMC = ENERGY & CARBON MANAGEMENT COMMISSION

SOIL ANALYTICAL MAP
STATE C #36-4
CLOSURE ASSESSMENT
40.274490 / -104.507040
NW¼ NW¼ SEC.36 T4N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-21121
REMEDATION # 26979

FIGURE NO.
3
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LEGEND

--- WELLHEAD ASSESSMENT BOUNDARIES

● APPROXIMATE LOCATION OF SOIL SAMPLES SUBMITTED FOR LABORATORY ANALYSIS

PARAMETERS

SAMPLE LOCATION
DATE SAMPLE COLLECTED
APPROXIMATE DEPTH

POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) (mg/kg)

mg/kg = MILLIGRAMS PER KILOGRAM

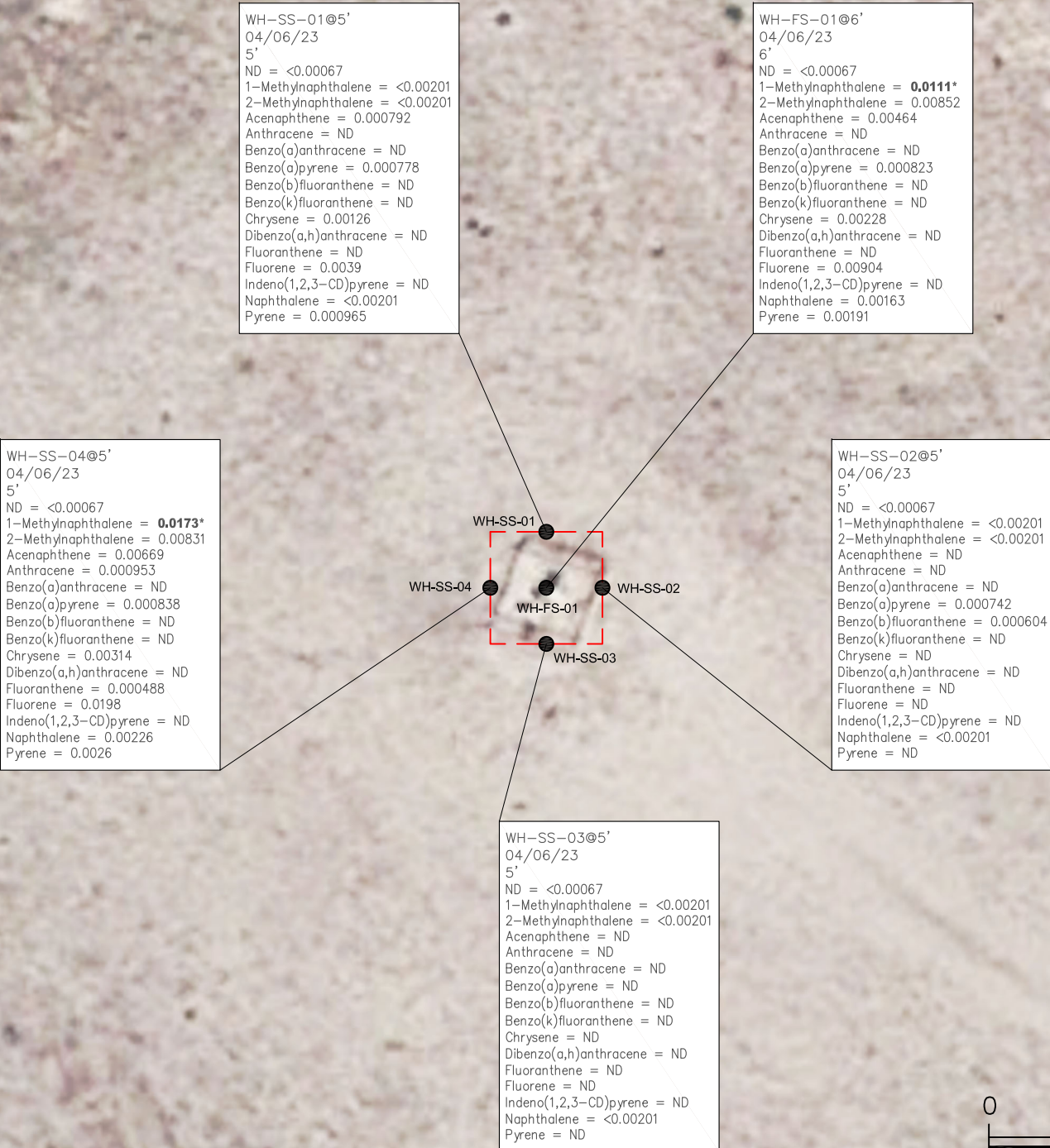
ND = NON-DETECT

NOTES:
VALUES PRESENTED WITH A LESS THAN SYMBOL (<) DID NOT CONTAIN CONCENTRATIONS AT OR ABOVE LABORATORY DETECTION LIMITS.

VALUES PRESENTED IN **BOLD** EXCEED COGCC TABLE 915-1 REGULATORY LIMITS.

VALUES PRESENTED WITH AN ASTERISK (*) EXCEED COGCC TABLE 915-1 GROUNDWATER SOIL SCREENING LEVELS, ONLY.

COGCC = COLORADO OIL AND GAS CONSERVATION COMMISSION

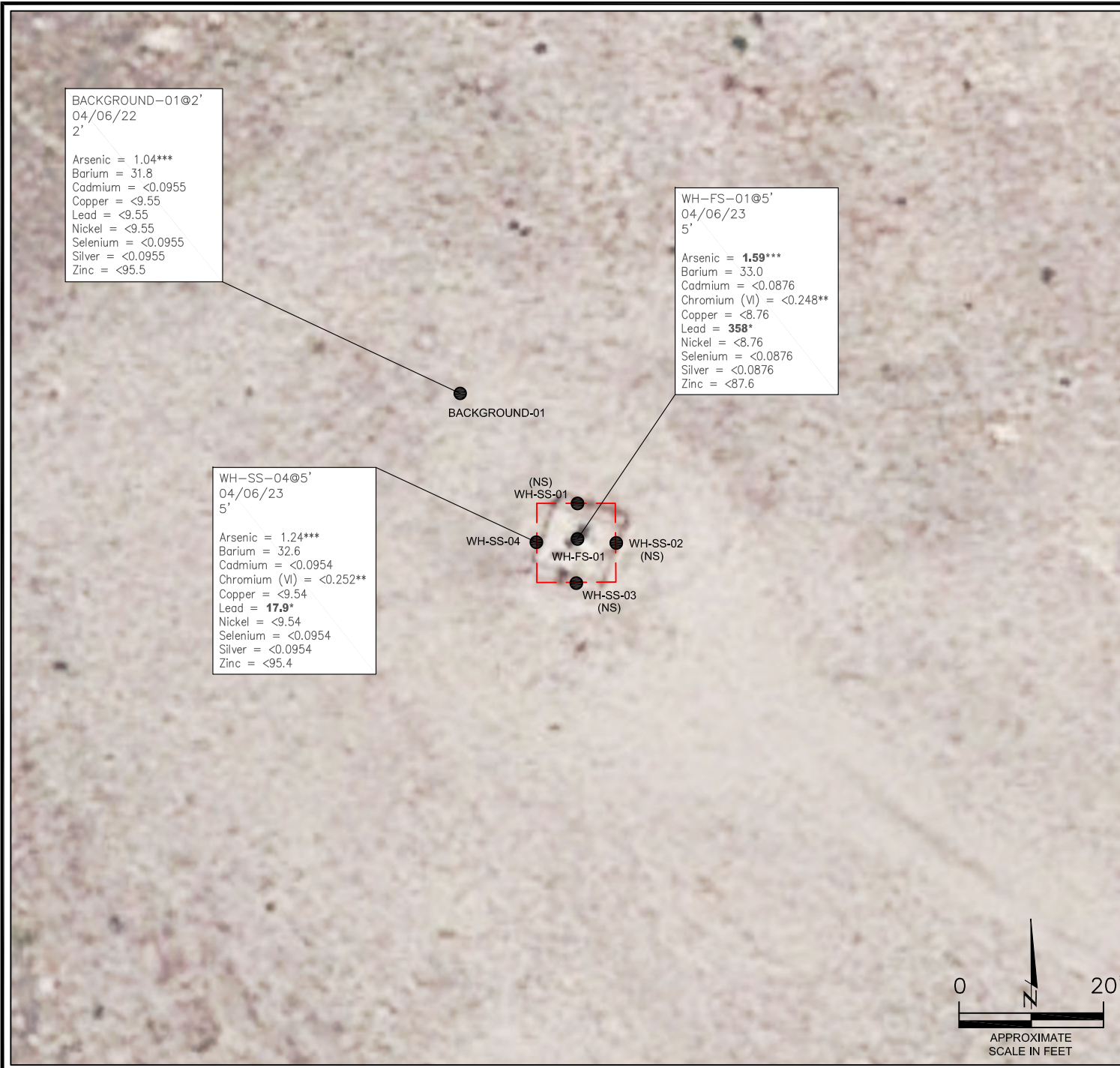


POLYCYCLIC AROMATIC HYDROCARBONS MAP

STATE C #36-4
CLOSURE ASSESSMENT
40.274490 / -104.507040
NW¼ NW¼ SEC.36 T4N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-21121
REMEDATION # 26979

FIGURE NO.
4
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BACKGROUND-01@2'
04/06/22
2'

Arsenic = 1.04***
Barium = 31.8
Cadmium = <0.0955
Copper = <9.55
Lead = <9.55
Nickel = <9.55
Selenium = <0.0955
Silver = <0.0955
Zinc = <95.5

WH-FS-01@5'
04/06/23
5'

Arsenic = **1.59*****
Barium = 33.0
Cadmium = <0.0876
Chromium (VI) = <0.248**
Copper = <8.76
Lead = **358***
Nickel = <8.76
Selenium = <0.0876
Silver = <0.0876
Zinc = <87.6

WH-SS-04@5'
04/06/23
5'

Arsenic = 1.24***
Barium = 32.6
Cadmium = <0.0954
Chromium (VI) = <0.252**
Copper = <9.54
Lead = **17.9***
Nickel = <9.54
Selenium = <0.0954
Silver = <0.0954
Zinc = <95.4

LEGEND

- WELLHEAD ASSESSMENT BOUNDARIES
- APPROXIMATE LOCATION OF SOIL SAMPLES SUBMITTED FOR LABORATORY ANALYSIS

PARAMETERS

SAMPLE LOCATION
DATE SAMPLE COLLECTED
APPROXIMATE DEPTH
Arsenic = (mg/kg)
Barium = (mg/kg)
Cadmium = (mg/kg)
Chromium (VI) = (mg/kg)
Copper = (mg/kg)
Lead = (mg/kg)
Nickel = (mg/kg)
Selenium = (mg/kg)
Silver = (mg/kg)
Zinc = (mg/kg)

mg/kg = MILLIGRAMS PER KILOGRAM

(NS) - NOT SAMPLED

NOTES:
VALUES PRESENTED WITH A LESS THAN SYMBOL (<) DID NOT CONTAIN CONCENTRATIONS AT/OR ABOVE LABORATORY REPORTING LIMITS AND/OR MINIMUM DETECTION LIMITS.

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

*VALUES EXCEED ECMC TABLE 915-1 PROTECTION OF GROUNDWATER SOIL SCREENING LEVELS, ONLY.

**ACHIEVABLE PRACTICAL QUANTITATIVE LIMITS FOR HEXAVALENT CHROMIUM (Cr VI) IN SOILS IS IN THE RANGE OF 0.1 TO 1 mg/kg.

***ARSENIC IS NATURALLY OCCURRING IN COLORADO. LOCAL CLEAN-UP LEVEL (1.30 mg/kg) IS 1.25*BACKGROUND (1.04 mg/kg).

ECMC = ENERGY & CARBON MANAGEMENT COMMISSION

METALS IN SOIL MAP
STATE C #36-4
CLOSURE ASSESSMENT
40.274627 / -104.506781
NW¼ NW¼ SEC.36 T4N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-21121
REMEDIAION # 26979

FIGURE NO.
5

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TABLES

Table 1: Photoionization Detector Reading Summary

Table 2: Soil Analytical Results Summary

TABLE 1
PHOTOIONIZATION DETECTOR READING SUMMARY
STATE C #36-4
CLOSURE ASSESSMENT
40.274627 / -104.506781
NW¼ NW¼ SEC.36 T4N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-21121
REMEDIATION # 26979

| Sample Location (Latitude/Longitude) | Date | Approximate Depth (feet) | PID Reading (ppm-v) | Lab Submission (Y/N) |
|---|----------|--------------------------------|------------------------|-------------------------|
| WH-SS-01 @ 5' (40.274512 / -104.507047) | 04/06/23 | 5 | 101.6 | Y |
| WH-SS-02 @ 5' (40.274498 / -104.507031) | 04/06/23 | 5 | 3.0 | Y |
| WH-SS-03 @ 5' (40.274488 / -104.507047) | 04/06/23 | 5 | 7.6 | Y |
| WH-SS-04 @ 5' (40.274498 / -104.507064) | 04/06/23 | 5 | 400.0 | Y |
| WH-FS-01 @ 6' (40.274498 / -104.507047) | 04/06/23 | 6 | 377.1 | Y |
| Background-01 @ 2' (40.274548 / -104.507095) | 04/06/23 | 2 | 3.0 | Y |

(Y/N) = Yes or No
 ppm-v = parts per million by volume
 PID = Photoionization Detector



TABLE 2
SOIL ANALYTICAL RESULTS SUMMARY
STATE C #36-4
CLOSURE ASSESSMENT
40.274627 / -104.506781
NW¼ NW¼ SEC.36 T4N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-21121
REMEDATION # 26979

| Sample Location (Latitude / Longitude) | | WH-SS-01 @ 5' | WH-SS-02 @ 5' | WH-SS-03 @ 5' | WH-SS-04 @ 5' | WH-FS-01 @ 6' | Background-01 @ 2' | |
|---|---------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------|
| | | (40.274512 / -104.507047) | (40.274498 / -104.507031) | (40.274488 / -104.507047) | (40.274498 / -104.507064) | (40.274498 / -104.507047) | (40.274548 / -104.507095) | |
| Sample Date | | 4/6/2023 | 4/6/2023 | 4/6/2023 | 4/6/2023 | 4/6/2023 | 4/6/2023 | |
| Sample Depth | | 5' | 5' | 5' | 5' | 6' | 2' | |
| PID Reading (ppm-v) | | 101.6 | 3.0 | 7.6 | 400.0 | 377.1 | 3 | |
| Regulatory Limits | | | | | | | | |
| Chemical of Concern | Units | ECMC Table 915-1 RSSLs | ECMC Table 915-1 GSSLs | Local Clean- Up Level | | | | |
| VOCS | | | | | | | | |
| Benzene | mg/kg | 1.2 | 0.0026 | -- | <0.00200 | <0.00200 | <0.00200 | NA |
| Toluene | mg/kg | 490 | 0.69 | -- | <0.00200 | <0.00200 | <0.00200 | NA |
| Ethylbenzene | mg/kg | 5.8 | 0.78 | -- | <0.00200 | <0.00200 | <0.00200 | NA |
| Total Xylenes | mg/kg | 58 | 9.9 | -- | <0.00200 | <0.00200 | <0.00200 | NA |
| 1,2,4-Trimethylbenzene | mg/kg | 30 | 0.0081 | -- | <0.00200 | <0.00200 | <0.00200 | NA |
| 1,3,5-Trimethylbenzene | mg/kg | 27 | 0.0087 | -- | <0.00200 | <0.00200 | 0.0507* | 0.0137* |
| TOTAL PETROLEUM HYDROCARBONS | | | | | | | | |
| TPH-GRO | mg/kg | 500 | -- | -- | <0.200 | <0.200 | 15.6 | 0.561 |
| TPH-DRO | mg/kg | 500 | -- | -- | <25.0 | <25.0 | 84.2 | 55.3 |
| TPH-RRO | mg/kg | 500 | -- | -- | <100 | <100 | <100 | <100 |
| POLYCYCLIC AROMATIC HYDROCARBONS | | | | | | | | |
| 1-Methyl-naphthalene | mg/kg | 18 | 0.006 | -- | <0.00201 | <0.00201 | 0.0173* | 0.0111* |
| 2-Methyl-naphthalene | mg/kg | 24 | 0.019 | -- | <0.00201 | <0.00201 | 0.00831 | 0.00852 |
| Acenaphthene | mg/kg | 360 | 0.55 | -- | 0.000792 | <0.00067 | 0.00669 | 0.00464 |
| Anthracene | mg/kg | 1800 | 5.8 | -- | <0.00067 | <0.00067 | 0.000953 | <0.00067 |
| Benzo(a)-anthracene | mg/kg | 1.1 | 0.011 | -- | <0.00067 | <0.00067 | <0.00067 | <0.00067 |
| Benzo(a)-pyrene | mg/kg | 0.11 | 0.24 | -- | 0.000778 | 0.000742 | 0.000838 | 0.000823 |
| Benzo(b)-fluoranthene | mg/kg | 1.1 | 0.3 | -- | <0.00067 | 0.000604 | <0.00067 | <0.00067 |
| Benzo(k)-fluoranthene | mg/kg | 11 | 2.9 | -- | <0.00067 | <0.00067 | <0.00067 | <0.00067 |
| Chrysene | mg/kg | 110 | 9 | -- | 0.00126 | <0.00067 | 0.00314 | 0.00228 |
| Dibenzo(a,h)-anthracene | mg/kg | 0.11 | 0.096 | -- | <0.00067 | <0.00067 | <0.00067 | <0.00067 |
| Fluoranthene | mg/kg | 240 | 8.9 | -- | <0.00067 | <0.00067 | 0.000488 | <0.00067 |
| Fluorene | mg/kg | 240 | 0.54 | -- | 0.0039 | <0.00067 | 0.0198 | 0.00904 |
| Indeno(1,2,3-cd)-pyrene | mg/kg | 1.1 | 0.98 | -- | <0.00067 | <0.00067 | <0.00067 | <0.00067 |
| Naphthalene | mg/kg | 2 | 0.0038 | -- | <0.00201 | <0.00201 | <0.00226 | 0.00163 |
| Pyrene | mg/kg | 180 | 1.3 | -- | 0.000965 | <0.00067 | 0.0026 | 0.00191 |
| SOIL SUITABILITY (Inorganics) | | | | | | | | |
| Boron | mg/L | 2 | -- | -- | 1.53 | <0.0989 | <0.0985 | <0.0993 |
| pH | standard unit | 6-8.3 | -- | -- | 7.87 | 7.21 | 7.40 | 8.13 |
| Sodium Adsorption Ratio (SAR) | -- | <6 | -- | -- | 1.02 | 0.323 | 2.70 | 0.438 |
| Specific Conductance (EC) | mmhos/cm | <4 | -- | -- | 0.235 | 0.0826 | 0.0573 | 0.276 |
| METALS | | | | | | | | |
| Arsenic | mg/kg | 0.68*** | 0.29*** | 1.30*** | NA | NA | NA | 1.24*** |
| Barium | mg/kg | 15000 | 82 | -- | NA | NA | NA | 32.6 |
| Cadmium | mg/kg | 71 | 0.38 | -- | NA | NA | NA | <0.0954 |
| Copper | mg/kg | 3100 | 46 | -- | NA | NA | NA | <9.54 |
| Lead | mg/kg | 400 | 14 | -- | NA | NA | NA | 17.9* |
| Nickel | mg/kg | 1500 | 26 | -- | NA | NA | NA | <9.54 |
| Selenium | mg/kg | 390 | 0.26 | -- | NA | NA | NA | <0.0954 |
| Silver | mg/kg | 390 | 0.8 | -- | NA | NA | NA | <0.0876 |
| Zinc | mg/kg | 23000 | 370 | -- | NA | NA | NA | <87.6 |
| Hexavalent Chromium | mg/kg | 0.3** | 0.00067** | 0.1 to 1.0** | NA | NA | NA | <0.252** |
| ECMC = Energy & Carbon Management Commission NA - Not Analyzed VOCs - Volatile Organic Compounds 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. Values presented with asterisk (*) exceed ECMC Table 915-1 GSSLs. Laboratory reruns were completed on samples with pH values outside ECMC Table 915-1 Regulatory Range. Results of the reruns are presented in parentheses. **Achievable practical quantitative limits for Hexavalent Chromium in soils is in the range of 0.1 to 1 mg/kg. ***Arsenic is naturally occurring in Colorado. | | | | | | | | |



ATTACHMENT A

Photo Log

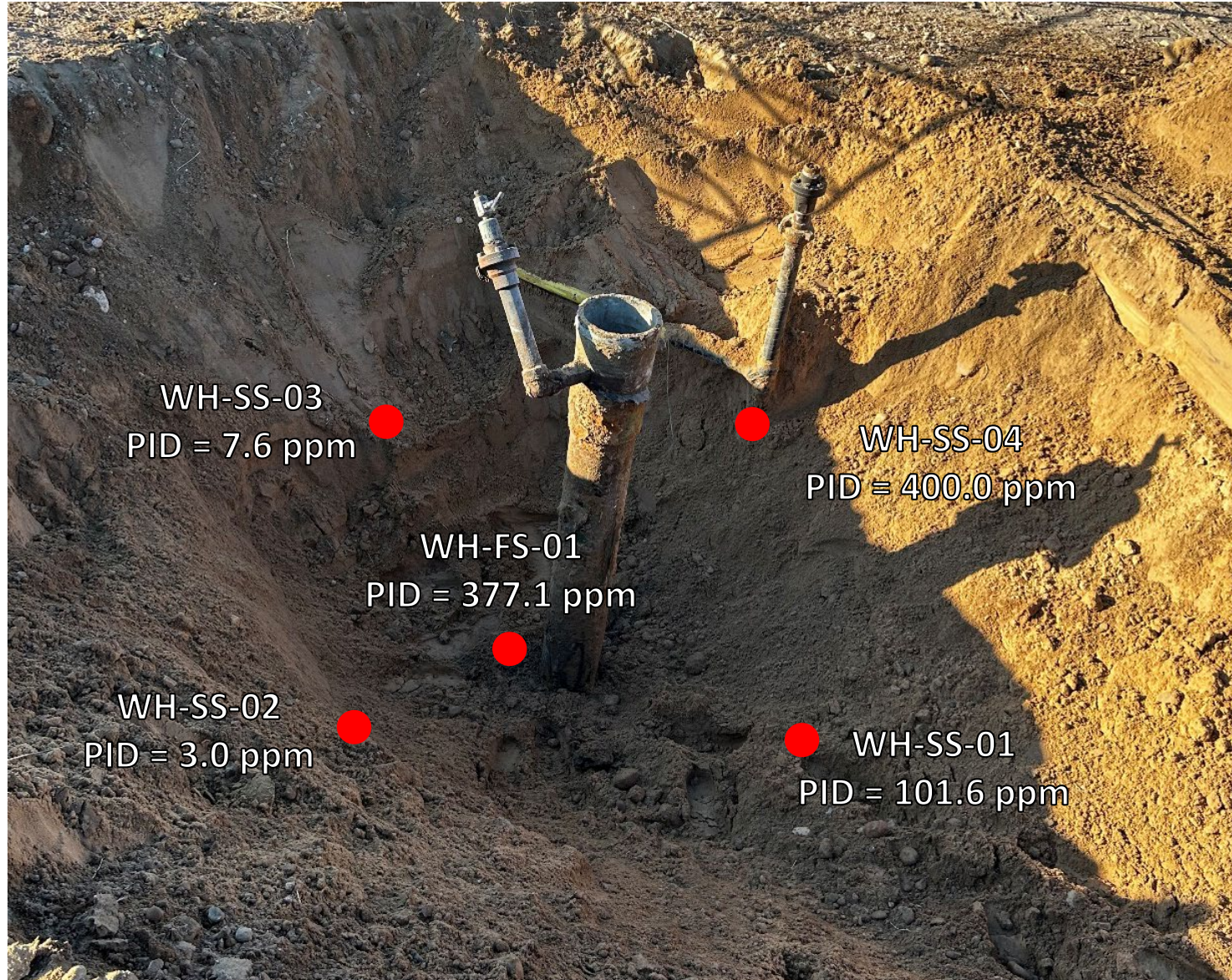
State C #36-4
API # 05-123-21121
Remediation # 26979

Closure Assessment

April 2023



Wellhead Excavation – 04/06/23



Looking southwest

Strong hydrocarbon odor and black staining observed



ATTACHMENT B

Laboratory Analytical Reports



April 27, 2023

Eagle Environmental Consulting, LLC

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - State C #36-4

Project Number - [none]

Attached are your analytical results for Noble - State C #36-4 received by Origins Laboratory, Inc. April 06, 2023. This project is associated with Origins project number Y304138-01.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - State C #36-4

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-------------|---------------|--------|--------------------|------------------|
| WH-SS-01@5' | Y304138-01 | Soil | April 6, 2023 7:55 | 04/06/2023 16:32 |
| WH-SS-02@5' | Y304138-02 | Soil | April 6, 2023 7:57 | 04/06/2023 16:32 |
| WH-SS-03@5' | Y304138-03 | Soil | April 6, 2023 7:59 | 04/06/2023 16:32 |
| WH-SS-04@5' | Y304138-04 | Soil | April 6, 2023 8:01 | 04/06/2023 16:32 |
| WH-FS-01@6' | Y304138-05 | Soil | April 6, 2023 8:03 | 04/06/2023 16:32 |

Chain of Custody Modification Request

On 4/20/2023, Grace Congdon from Eagle Environmental contacted Jordan Bynon via email regarding Y304138 requesting that Table 915 Metals be added to WH-SS-04@5' and WH-FS-01@6'.

Requested modifications to the chain of custody were made by Jordan Bynon on 4/20/2023.

pH rerun requested on WH-FS-01@6'. No errors were found with the data that was reported so all three results are reported. JAB

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

ORIGINS
 LABORATORY, INC

www.originslaboratory.com

4304138 page / of /

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

Project Manager: Martin Eckert III
 Project Name: State C #36-4
 Project Number: —
 Samples Collected By: EL

| Sample ID Description | Date Sampled | Time Sampled | # of Containers | | | Preservative | | | Matrix | | | Analysis | Sample Instructions |
|-----------------------|--------------|--------------|-----------------|-----|------------------|--------------|-------------|------|-------------|-------|-------|----------|----------------------|
| | | | Unpreserved | HCl | HNO ₃ | Other | Groundwater | Soil | Air Summa # | Other | Other | | |
| WT-SS-01@5' | 4/10/25 | 0755 | 2 | X | | | | X | | | | X | ES SAR pH = 1 |
| WT-SS-02@5' | | 0757 | | | | | | | | | | X | Saturated paste prep |
| WT-SS-03@5' | | 0759 | | | | | | | | | | X | |
| WT-SS-04@5' | | 0801 | | | | | | | | | | X | |
| WT-FS-01@6' | | 0803 | | | | | | | | | | X | *MPLs needed |

Relinquished By: [Signature] Date: 4/10/23 Time: 1632
 Relinquished By: [Signature] Date: 4/10/23 Time: 1632

Temp Received: 1.1
 Date Results Needed: Noble

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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

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

Sample Receipt Checklist

Origins Work Order: 4304138 Client: Eagle
 Client Project ID: State C #36-4

Checklist Completed by: EHS Shipped Via: HO
 Date/time completed: 4/16/12 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: NA

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

Cooler Number/Temperature: 111 °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.

MB
Reviewed by (Project Manager)
4-11-23
Date/Time Reviewed

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-SS-01@5'
4/6/2023 7:55:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y304138-01 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|------|--|--------|------|---|---------|------------|------------|--|
| Boron | 1.53 | | 0.0996 | mg/L | 1 | B3D0709 | 04/07/2023 | 04/12/2023 | |
|-------|------|--|--------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|--|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28) | ND | | 25.0 | mg/kg | 1 | B3D0701 | 04/07/2023 | 04/14/2023 | U |
| Residual Range Organics (C28-C40) | ND | | 100 | " | " | " | " | " | U |

| | | | | | | | | | |
|------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: o-Terphenyl | 91.2 % | | 50-150 | | | " | " | " | |
|------------------------|--------|--|--------|--|--|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|--|---------|-------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | | 0.00200 | mg/kg | 1 | B3D1105 | 04/11/2023 | 04/11/2023 | 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 | 110 % | | 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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-SS-01@5'
4/6/2023 7:55:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y304138-01 (Soil)

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|---------------------------------|--------|--|--------|--|--|-------------|------------|------------|--|
| Surrogate: Toluene-d8 | 94.0 % | | 70-130 | | | B3D11 05 | 04/11/2023 | 04/11/2023 | |
| Surrogate: 4-Bromofluorobenzene | 94.0 % | | 70-130 | | | " | " | " | |

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|--------------|--|-------|-------|----|--------|------------|------------|--|
| Calcium | 0.795 | | 0.499 | meq/L | 10 | [CALC] | 04/07/2023 | 04/12/2023 | |
| Magnesium | ND | | 0.823 | " | " | " | " | " | |
| Sodium | 0.743 | | 0.435 | " | " | " | " | " | |

PAH by 8270D SIM

| | | | | | | | | | |
|-----------------------|-----------------|-----------------|---------|-------|---|---------|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.00109 | 0.00201 | mg/Kg | 1 | L675844 | 04/13/2023 | 04/13/2023 | |
| 2-Methylnaphthalene | ND | 0.00194 | 0.00201 | " | " | " | " | " | |
| Acenaphthene | 0.000792 | 0.000304 | 0.00067 | " | " | " | " | " | |
| Anthracene | ND | 0.000334 | 0.00067 | " | " | " | " | " | |
| Benzo(a)anthracene | ND | 0.000493 | 0.00067 | " | " | " | " | " | |
| Benzo(a)pyrene | 0.000778 | 0.000468 | 0.00067 | " | " | " | " | " | |
| Benzo(b)fluoranthene | ND | 0.000585 | 0.00067 | " | " | " | " | " | |
| Benzo(k)fluoranthene | ND | 0.000437 | 0.00067 | " | " | " | " | " | |
| Chrysene | 0.00126 | 0.000624 | 0.00067 | " | " | " | " | " | |
| Dibenz(a,h)anthracene | ND | 0.000614 | 0.00067 | " | " | " | " | " | |
| Fluoranthene | ND | 0.000394 | 0.00067 | " | " | " | " | " | |
| Fluorene | 0.0039 | 0.000286 | 0.00067 | " | " | " | " | " | |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-SS-01@5'
4/6/2023 7:55:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Waypoint Analytical, LLC.
Y304138-01 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|-----------------|-----------------|---------|-------|---|---------|------------|------------|--|
| Indeno(1,2,3-cd)pyrene | ND | 0.000627 | 0.00067 | mg/Kg | 1 | L675844 | 04/13/2023 | 04/13/2023 | |
| Naphthalene | ND | 0.00145 | 0.00201 | " | " | " | " | " | |
| Pyrene | 0.000965 | 0.000643 | 0.00067 | " | " | " | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 53.1 % | | 33-115 | | | " | " | " | |
| Surrogate: 4-Terphenyl-d14 | 55.2 % | | 33-122 | | | " | " | " | |
| Surrogate: Nitrobenzene-d5 | 49.4 % | | 29-110 | | | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|-------------|--|--|----------|---|---------|------------|------------|--|
| pH | 7.87 | | | pH Units | 1 | B3D0716 | 04/07/2023 | 04/08/2023 | |
|----|-------------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------------|--|--|-----|---|---------|------------|------------|--|
| SAR | 1.02 | | | SAR | 1 | B3D0712 | 04/07/2023 | 04/12/2023 | |
|-----|-------------|--|--|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|--------------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.235 | | 0.00500 | mmhos/cm | 1 | B3D0716 | 04/07/2023 | 04/08/2023 | |
|---------------------------|--------------|--|---------|----------|---|---------|------------|------------|--|

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-SS-02@5'
4/6/2023 7:57:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y304138-02 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|--|--------|------|---|---------|------------|------------|--|
| Boron | ND | | 0.0989 | mg/L | 1 | B3D0709 | 04/07/2023 | 04/12/2023 | |
|-------|----|--|--------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|--|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28) | ND | | 25.0 | mg/kg | 1 | B3D0701 | 04/07/2023 | 04/14/2023 | U |
| Residual Range Organics (C28-C40) | ND | | 100 | " | " | " | " | " | U |

| | | | | | | | | | |
|------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: o-Terphenyl | 89.7 % | | 50-150 | | | " | " | " | |
|------------------------|--------|--|--------|--|--|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|--|---------|-------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | | 0.00200 | mg/kg | 1 | B3D1105 | 04/11/2023 | 04/11/2023 | 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 | 109 % | | 70-130 | | | " | " | " | |
|----------------------------------|-------|--|--------|--|--|---|---|---|--|

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-SS-02@5'
4/6/2023 7:57:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y304138-02 (Soil)

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|---------------------------------|--------|--|--------|--|--|-------------|------------|------------|--|
| Surrogate: Toluene-d8 | 93.3 % | | 70-130 | | | B3D11 05 | 04/11/2023 | 04/11/2023 | |
| Surrogate: 4-Bromofluorobenzene | 93.6 % | | 70-130 | | | " | " | " | |

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|----|--|-------|-------|----|--------|------------|------------|--|
| Calcium | ND | | 0.499 | meq/L | 10 | [CALC] | 04/07/2023 | 04/12/2023 | |
| Magnesium | ND | | 0.823 | " | " | " | " | " | |
| Sodium | ND | | 0.435 | " | " | " | " | " | |

PAH by 8270D SIM

| | | | | | | | | | |
|-----------------------|-----------------|-----------------|---------|-------|---|---------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.00109 | 0.00201 | mg/Kg | 1 | L675844 | 04/13/2023 | 04/13/2023 | |
| 2-Methylnaphthalene | ND | 0.00194 | 0.00201 | " | " | " | " | " | |
| Acenaphthene | ND | 0.000304 | 0.00067 | " | " | " | " | " | |
| Anthracene | ND | 0.000334 | 0.00067 | " | " | " | " | " | |
| Benzo(a)anthracene | ND | 0.000493 | 0.00067 | " | " | " | " | " | |
| Benzo(a)pyrene | 0.000742 | 0.000468 | 0.00067 | " | " | " | " | " | |
| Benzo(b)fluoranthene | 0.000604 | 0.000585 | 0.00067 | " | " | " | " | " | J |
| 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.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-SS-02@5'
4/6/2023 7:57:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Waypoint Analytical, LLC.
Y304138-02 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----|----------|---------|-------|---|---------|------------|------------|--|
| Fluorene | ND | 0.000286 | 0.00067 | mg/Kg | 1 | L675844 | 04/13/2023 | 04/13/2023 | |
| Indeno(1,2,3-cd)pyrene | ND | 0.000627 | 0.00067 | " | " | " | " | " | |
| Naphthalene | ND | 0.00145 | 0.00201 | " | " | " | " | " | |
| Pyrene | ND | 0.000643 | 0.00067 | " | " | " | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 59.5 % | | 33-115 | | | " | " | " | |
| Surrogate: 4-Terphenyl-d14 | 63.1 % | | 33-122 | | | " | " | " | |
| Surrogate: Nitrobenzene-d5 | 50.5 % | | 29-110 | | | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 7.21 | | | pH Units | 1 | B3D0716 | 04/07/2023 | 04/08/2023 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|--|-----|---|---------|------------|------------|--|
| SAR | 0.323 | | | SAR | 1 | B3D0712 | 04/07/2023 | 04/12/2023 | |
|-----|-------|--|--|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|--------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.0826 | | 0.00500 | mmhos/cm | 1 | B3D0716 | 04/07/2023 | 04/08/2023 | |
|---------------------------|--------|--|---------|----------|---|---------|------------|------------|--|

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-SS-03@5'
4/6/2023 7:59:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y304138-03 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|--|--------|------|---|---------|------------|------------|--|
| Boron | ND | | 0.0985 | mg/L | 1 | B3D0709 | 04/07/2023 | 04/12/2023 | |
|-------|----|--|--------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|--|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28) | ND | | 25.0 | mg/kg | 1 | B3D0701 | 04/07/2023 | 04/14/2023 | U |
| Residual Range Organics (C28-C40) | ND | | 100 | " | " | " | " | " | U |

| | | | | | | | | | |
|------------------------|-------|--|--------|--|--|---|---|---|--|
| Surrogate: o-Terphenyl | 106 % | | 50-150 | | | " | " | " | |
|------------------------|-------|--|--------|--|--|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|--|---------|-------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | | 0.00200 | mg/kg | 1 | B3D1105 | 04/11/2023 | 04/11/2023 | 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 | 113 % | | 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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-SS-03@5'
4/6/2023 7:59:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y304138-03 (Soil)

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|---------------------------------|--------|--|--------|--|--|-------------|------------|------------|--|
| Surrogate: Toluene-d8 | 91.5 % | | 70-130 | | | B3D11 05 | 04/11/2023 | 04/11/2023 | |
| Surrogate: 4-Bromofluorobenzene | 94.2 % | | 70-130 | | | " | " | " | |

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium | ND | | 0.499 | meq/L | 10 | [CALC] | 04/07/2023 | 04/12/2023 | |
| Magnesium | ND | | 0.823 | " | " | " | " | " | |
| Sodium | 1.13 | | 0.435 | " | " | " | " | " | |

PAH by 8270D SIM

| | | | | | | | | | |
|-----------------------|----|----------|---------|-------|---|---------|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.00109 | 0.00201 | mg/Kg | 1 | L675844 | 04/13/2023 | 04/13/2023 | |
| 2-Methylnaphthalene | ND | 0.00194 | 0.00201 | " | " | " | " | " | |
| 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.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-SS-03@5'
4/6/2023 7:59:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Waypoint Analytical, LLC.
Y304138-03 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----|----------|---------|-------|---|---------|------------|------------|--|
| Fluorene | ND | 0.000286 | 0.00067 | mg/Kg | 1 | L675844 | 04/13/2023 | 04/13/2023 | |
| Indeno(1,2,3-cd)pyrene | ND | 0.000627 | 0.00067 | " | " | " | " | " | |
| Naphthalene | ND | 0.00145 | 0.00201 | " | " | " | " | " | |
| Pyrene | ND | 0.000643 | 0.00067 | " | " | " | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 55.8 % | | 33-115 | | | " | " | " | |
| Surrogate: 4-Terphenyl-d14 | 61 % | | 33-122 | | | " | " | " | |
| Surrogate: Nitrobenzene-d5 | 51.2 % | | 29-110 | | | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 7.40 | | | pH Units | 1 | B3D0716 | 04/07/2023 | 04/08/2023 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|--|-----|---|---------|------------|------------|--|
| SAR | 2.70 | | | SAR | 1 | B3D0712 | 04/07/2023 | 04/12/2023 | |
|-----|------|--|--|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|--------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.0573 | | 0.00500 | mmhos/cm | 1 | B3D0716 | 04/07/2023 | 04/08/2023 | |
|---------------------------|--------|--|---------|----------|---|---------|------------|------------|--|

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-SS-04@5'
4/6/2023 8:01:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y304138-04 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|--|--------|------|---|---------|------------|------------|--|
| Boron | ND | | 0.0993 | mg/L | 1 | B3D0709 | 04/07/2023 | 04/12/2023 | |
|-------|----|--|--------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|-------------|--|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28) | 84.2 | | 25.0 | mg/kg | 1 | B3D0701 | 04/07/2023 | 04/14/2023 | |
| Residual Range Organics (C28-C40) | ND | | 100 | " | " | " | " | " | U |

| | | | | | | | | | |
|--------------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: <i>o</i> -Terphenyl | 92.2 % | | 50-150 | | | " | " | " | |
|--------------------------------|--------|--|--------|--|--|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|---------------|--|---------|-------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | | 0.00200 | mg/kg | 1 | B3D1105 | 04/11/2023 | 04/11/2023 | U |
| 1,3,5-Trimethylbenzene | 0.0507 | | 0.00200 | " | " | " | " | " | |
| Benzene | ND | | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | 15.6 | | 0.200 | " | " | " | " | " | |

| | | | | | | | | | |
|----------------------------------|-------|--|--------|--|--|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 110 % | | 70-130 | | | " | " | " | |
| Surrogate: Toluene-d8 | 105 % | | 70-130 | | | " | " | " | |

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-SS-04@5'
4/6/2023 8:01:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y304138-04 (Soil)

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|---------------------------------|--------|--|--------|--|--|-------------|------------|------------|--|
| Surrogate: 4-Bromofluorobenzene | 98.3 % | | 70-130 | | | B3D11 05 | 04/11/2023 | 04/11/2023 | |
|---------------------------------|--------|--|--------|--|--|-------------|------------|------------|--|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|-------|--|-------|-------|----|--------|------------|------------|--|
| Calcium | 0.866 | | 0.499 | meq/L | 10 | [CALC] | 04/07/2023 | 04/12/2023 | |
| Magnesium | ND | | 0.823 | " | " | " | " | " | |
| Sodium | ND | | 0.435 | " | " | " | " | " | |

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----------|----------|---------|-------|---|---------|------------|------------|---|
| 1-Methylnaphthalene | 0.0173 | 0.00109 | 0.00201 | mg/Kg | 1 | L675844 | 04/13/2023 | 04/13/2023 | |
| 2-Methylnaphthalene | 0.00831 | 0.00194 | 0.00201 | " | " | " | " | " | |
| Acenaphthene | 0.00669 | 0.000304 | 0.00067 | " | " | " | " | " | |
| Anthracene | 0.000953 | 0.000334 | 0.00067 | " | " | " | " | " | |
| Benzo(a)anthracene | ND | 0.000493 | 0.00067 | " | " | " | " | " | |
| Benzo(a)pyrene | 0.000838 | 0.000468 | 0.00067 | " | " | " | " | " | |
| Benzo(b)fluoranthene | ND | 0.000585 | 0.00067 | " | " | " | " | " | |
| Benzo(k)fluoranthene | ND | 0.000437 | 0.00067 | " | " | " | " | " | |
| Chrysene | 0.00314 | 0.000624 | 0.00067 | " | " | " | " | " | |
| Dibenz(a,h)anthracene | ND | 0.000614 | 0.00067 | " | " | " | " | " | |
| Fluoranthene | 0.000488 | 0.000394 | 0.00067 | " | " | " | " | " | J |
| Fluorene | 0.0198 | 0.000286 | 0.00067 | " | " | " | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.000627 | 0.00067 | " | " | " | " | " | |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-SS-04@5'
4/6/2023 8:01:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Waypoint Analytical, LLC.
Y304138-04 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|-------------|---------|----------|---------|-------|---|---------|------------|------------|--|
| Naphthalene | 0.00226 | 0.00145 | 0.00201 | mg/Kg | 1 | L675844 | 04/13/2023 | 04/13/2023 | |
| Pyrene | 0.0026 | 0.000643 | 0.00067 | " | " | " | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 51.2 % | | 33-115 | | | " | " | " | |
| Surrogate: 4-Terphenyl-d14 | 58.2 % | | 33-122 | | | " | " | " | |
| Surrogate: Nitrobenzene-d5 | 53.9 % | | 29-110 | | | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.13 | | | pH Units | 1 | B3D0716 | 04/07/2023 | 04/08/2023 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|--|-----|---|---------|------------|------------|--|
| SAR | 0.438 | | | SAR | 1 | B3D0712 | 04/07/2023 | 04/12/2023 | |
|-----|-------|--|--|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.276 | | 0.00500 | mmhos/cm | 1 | B3D0716 | 04/07/2023 | 04/08/2023 | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|---------|------|--|--------|-------|----|---------|------------|------------|--|
| Arsenic | 1.24 | | 0.0954 | mg/kg | 10 | B3D2027 | 04/20/2023 | 04/24/2023 | |
| Barium | 32.6 | | 9.54 | " | " | " | " | " | |
| Cadmium | ND | | 0.0954 | " | " | " | " | " | |

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-SS-04@5'
4/6/2023 8:01:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y304138-04 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|-------------|--|--------|-------|----|---------|------------|------------|--|
| Copper | ND | | 9.54 | mg/kg | 10 | B3D2027 | 04/20/2023 | 04/24/2023 | |
| Lead | 17.9 | | 9.54 | " | " | " | " | " | |
| Nickel | ND | | 9.54 | " | " | " | " | " | |
| Selenium | ND | | 0.0954 | " | " | " | " | " | |
| Silver | ND | | 0.0954 | " | " | " | " | " | |
| Zinc | ND | | 95.4 | " | " | " | " | " | |

Total Metals by 7196A

| | | | | | | | | | |
|----------------------|----|-------|-------|-------|---|---------|------------|------------|--|
| Chromium, Hexavalent | ND | 0.252 | 0.518 | mg/Kg | 1 | L677513 | 04/06/2023 | 04/21/2023 | |
|----------------------|----|-------|-------|-------|---|---------|------------|------------|--|

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-FS-01@6'
4/6/2023 8:03:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y304138-05 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|--|--------|------|---|---------|------------|------------|--|
| Boron | ND | | 0.0982 | mg/L | 1 | B3D0709 | 04/07/2023 | 04/12/2023 | |
|-------|----|--|--------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|------|--|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28) | 55.3 | | 25.0 | mg/kg | 1 | B3D0701 | 04/07/2023 | 04/14/2023 | |
| Residual Range Organics (C28-C40) | ND | | 100 | " | " | " | " | " | U |

| | | | | | | | | | |
|------------------------|-------|--|--------|--|--|---|---|---|--|
| Surrogate: o-Terphenyl | 103 % | | 50-150 | | | " | " | " | |
|------------------------|-------|--|--------|--|--|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|---------|--|---------|-------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | | 0.00200 | mg/kg | 1 | B3D1105 | 04/11/2023 | 04/11/2023 | U |
| 1,3,5-Trimethylbenzene | 0.0137 | | 0.00200 | " | " | " | " | " | |
| Benzene | ND | | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | 0.00588 | | 0.00200 | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | 0.561 | | 0.200 | " | " | " | " | " | |

| | | | | | | | | | |
|----------------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 110 % | | 70-130 | | | " | " | " | |
| Surrogate: Toluene-d8 | 93.3 % | | 70-130 | | | " | " | " | |

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-FS-01@6'

4/6/2023 8:03:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y304138-05 (Soil)

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|---------------------------------|--------|--|--------|--|--|-------------|------------|------------|--|
| Surrogate: 4-Bromofluorobenzene | 98.8 % | | 70-130 | | | B3D11 05 | 04/11/2023 | 04/11/2023 | |
|---------------------------------|--------|--|--------|--|--|-------------|------------|------------|--|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|----|--|-------|-------|----|--------|------------|------------|--|
| Calcium | ND | | 0.499 | meq/L | 10 | [CALC] | 04/07/2023 | 04/12/2023 | |
| Magnesium | ND | | 0.823 | " | " | " | " | " | |
| Sodium | ND | | 0.435 | " | " | " | " | " | |

PAH by 8270D SIM

| | | | | | | | | | |
|-----------------------|----------|----------|---------|-------|---|---------|------------|------------|--|
| 1-Methylnaphthalene | 0.0111 | 0.00109 | 0.00201 | mg/Kg | 1 | L675844 | 04/13/2023 | 04/13/2023 | |
| 2-Methylnaphthalene | 0.00852 | 0.00194 | 0.00201 | " | " | " | " | " | |
| Acenaphthene | 0.00464 | 0.000304 | 0.00067 | " | " | " | " | " | |
| Anthracene | ND | 0.000334 | 0.00067 | " | " | " | " | " | |
| Benzo(a)anthracene | ND | 0.000493 | 0.00067 | " | " | " | " | " | |
| Benzo(a)pyrene | 0.000823 | 0.000468 | 0.00067 | " | " | " | " | " | |
| Benzo(b)fluoranthene | ND | 0.000585 | 0.00067 | " | " | " | " | " | |
| Benzo(k)fluoranthene | ND | 0.000437 | 0.00067 | " | " | " | " | " | |
| Chrysene | 0.00228 | 0.000624 | 0.00067 | " | " | " | " | " | |
| Dibenz(a,h)anthracene | ND | 0.000614 | 0.00067 | " | " | " | " | " | |
| Fluoranthene | ND | 0.000394 | 0.00067 | " | " | " | " | " | |
| Fluorene | 0.00904 | 0.000286 | 0.00067 | " | " | " | " | " | |

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-FS-01@6'
4/6/2023 8:03:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Waypoint Analytical, LLC.
Y304138-05 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|---------|----------|---------|-------|---|---------|------------|------------|---|
| Indeno(1,2,3-cd)pyrene | ND | 0.000627 | 0.00067 | mg/Kg | 1 | L675844 | 04/13/2023 | 04/13/2023 | |
| Naphthalene | 0.00163 | 0.00145 | 0.00201 | " | " | " | " | " | J |
| Pyrene | 0.00191 | 0.000643 | 0.00067 | " | " | " | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 50.2 % | | 33-115 | | | " | " | " | |
| Surrogate: 4-Terphenyl-d14 | 53.8 % | | 33-122 | | | " | " | " | |
| Surrogate: Nitrobenzene-d5 | 48.3 % | | 29-110 | | | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.41 | | | pH Units | 1 | B3D0716 | 04/07/2023 | 04/08/2023 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|--|-----|---|---------|------------|------------|--|
| SAR | 0.501 | | | SAR | 1 | B3D0712 | 04/07/2023 | 04/12/2023 | |
|-----|-------|--|--|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.228 | | 0.00500 | mmhos/cm | 1 | B3D0716 | 04/07/2023 | 04/08/2023 | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|---------|------|--|--------|-------|----|---------|------------|------------|--|
| Arsenic | 1.59 | | 0.0876 | mg/kg | 10 | B3D2027 | 04/20/2023 | 04/24/2023 | |
| Barium | 33.0 | | 8.76 | " | " | " | " | " | |

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

WH-FS-01@6'

4/6/2023 8:03:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y304138-05 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|------------|--|--------|-------|----|---------|------------|------------|--|
| Cadmium | ND | | 0.0876 | mg/kg | 10 | B3D2027 | 04/20/2023 | 04/24/2023 | |
| Copper | ND | | 8.76 | " | " | " | " | " | |
| Lead | 358 | | 8.76 | " | " | " | " | " | |
| Nickel | ND | | 8.76 | " | " | " | " | " | |
| Selenium | ND | | 0.0876 | " | " | " | " | " | |
| Silver | ND | | 0.0876 | " | " | " | " | " | |
| Zinc | ND | | 87.6 | " | " | " | " | " | |

Total Metals by 7196A

| | | | | | | | | | |
|----------------------|----|-------|------|-------|---|---------|------------|------------|--|
| Chromium, Hexavalent | ND | 0.248 | 0.51 | mg/Kg | 1 | L677513 | 04/06/2023 | 04/21/2023 | |
|----------------------|----|-------|------|-------|---|---------|------------|------------|--|

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - State C #36-4

WH-FS-01@6'

4/6/2023 8:03:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y304138-05RE1 (Soil)

pH in Soil by 9045D

| | | | | | | | | | |
|----|-------------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.64 | | | pH Units | 1 | B3D2017 | 04/07/2023 | 04/21/2023 | |
|----|-------------|--|--|----------|---|---------|------------|------------|--|

Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: [none]
Project: Noble - State C #36-4

WH-FS-01@6'

4/6/2023 8:03:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y304138-05RE2 (Soil)

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.66 | | | pH Units | 1 | B3D2017 | 04/07/2023 | 04/21/2023 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

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 B3D0701 - EPA 3550B | | | | | | | | | | |
| Blank (B3D0701-BLK1) | | | | | | | | | | |
| | | | | | Prepared: 04/07/2023 Analyzed: 04/14/2023 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 23 | | " | 24.9 | | 90.9 | 50-150 | | | |

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

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 B3D0701 - EPA 3550B

LCS (B3D0701-BS1)

Prepared: 04/07/2023 Analyzed: 04/14/2023

| | | | | | | | | | | |
|-----------------------------------|-----|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 933 | 50.0 | mg/kg | 1000 | | 93.3 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 931 | 200 | " | 1000 | | 93.1 | 70-130 | | | |
| Surrogate: o-Terphenyl | 51 | | " | 49.8 | | 103 | 50-150 | | | |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

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 B3D0701 - EPA 3550B

| Matrix Spike (B3D0701-MS1) | Source: Y304109-03 | | | Prepared: 04/07/2023 Analyzed: 04/14/2023 | | | | | | |
|-----------------------------------|---------------------------|------|-------|--|----|------|--------|--|--|--|
| Diesel (C10-C28) | 808 | 50.0 | mg/kg | 1000 | ND | 80.8 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 816 | 200 | " | 1000 | ND | 81.6 | 70-130 | | | |
| Surrogate: o-Terphenyl | 49 | | " | 49.8 | | 97.9 | 50-150 | | | |

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Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

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 B3D0701 - EPA 3550B

| Matrix Spike Dup (B3D0701-MSD1) | Source: Y304109-03 | | Prepared: 04/07/2023 Analyzed: 04/14/2023 | | | | | | | |
|--|---------------------------|------|--|------|----|------|--------|------|----|--|
| Diesel (C10-C28) | 829 | 50.0 | mg/kg | 1000 | ND | 82.9 | 70-130 | 2.67 | 35 | |
| Residual Range Organics (C28-C40) | 789 | 200 | " | 1000 | ND | 78.9 | 70-130 | 3.30 | 35 | |
| Surrogate: o-Terphenyl | 43 | | " | 49.8 | | 85.6 | 50-150 | | | |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

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 B3D1105 - EPA 5030 (soil)

Blank (B3D1105-BLK1)

Prepared: 04/11/2023 Analyzed: 04/11/2023

| | | | | | | | | | | |
|----------------------------------|------|---------|-------|-------|------|--|--------|--|--|---|
| 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 | 0.13 | | " | 0.125 | 101 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | 97.3 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | 92.8 | | 70-130 | | | |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

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 B3D1105 - EPA 5030 (soil)

LCS (B3D1105-BS1)

Prepared: 04/11/2023 Analyzed: 04/11/2023

| | | | | | | | | | | |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0875 | 0.00200 | mg/kg | 0.100 | | 87.5 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0829 | 0.00200 | " | 0.100 | | 82.9 | 70-130 | | | |
| Benzene | 0.0816 | 0.00200 | " | 0.100 | | 81.6 | 70-130 | | | |
| Ethylbenzene | 0.0857 | 0.00200 | " | 0.100 | | 85.7 | 70-130 | | | |
| Naphthalene | 0.0953 | 0.00380 | " | 0.100 | | 95.3 | 70-130 | | | |
| Toluene | 0.0803 | 0.00200 | " | 0.100 | | 80.3 | 70-130 | | | |
| o-Xylene | 0.0879 | 0.00200 | " | 0.100 | | 87.9 | 70-130 | | | |
| m,p-Xylene | 0.171 | 0.00400 | " | 0.200 | | 85.7 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 97.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 95.5 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 98.8 | 70-130 | | | |

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

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 B3D1105 - EPA 5030 (soil)

| Matrix Spike (B3D1105-MS1) | Source: Y304111-01 | | | Prepared: 04/11/2023 Analyzed: 04/19/2023 | | | | | | |
|----------------------------------|--------------------|---------|-------|---|----|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0985 | 0.00200 | mg/kg | 0.100 | ND | 98.5 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0969 | 0.00200 | " | 0.100 | ND | 96.9 | 70-130 | | | |
| Benzene | 0.0887 | 0.00200 | " | 0.100 | ND | 88.7 | 70-130 | | | |
| Ethylbenzene | 0.0924 | 0.00200 | " | 0.100 | ND | 92.4 | 70-130 | | | |
| Naphthalene | 0.103 | 0.00380 | " | 0.100 | ND | 103 | 70-130 | | | |
| Toluene | 0.0857 | 0.00200 | " | 0.100 | ND | 85.7 | 70-130 | | | |
| o-Xylene | 0.0994 | 0.00200 | " | 0.100 | ND | 99.4 | 70-130 | | | |
| m,p-Xylene | 0.198 | 0.00400 | " | 0.200 | ND | 99.2 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.096 | | " | 0.125 | | 76.7 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 96.8 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 98.0 | 70-130 | | | |

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

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 B3D1105 - EPA 5030 (soil)

| Matrix Spike Dup (B3D1105-MSD1) | Source: Y304111-01 | | | Prepared: 04/11/2023 Analyzed: 04/19/2023 | | | | | | |
|----------------------------------|--------------------|---------|-------|---|----|------|--------|-------|----|--|
| 1,2,4-Trimethylbenzene | 0.0947 | 0.00200 | mg/kg | 0.100 | ND | 94.7 | 70-130 | 3.93 | 20 | |
| 1,3,5-Trimethylbenzene | 0.0919 | 0.00200 | " | 0.100 | ND | 91.9 | 70-130 | 5.38 | 20 | |
| Benzene | 0.0881 | 0.00200 | " | 0.100 | ND | 88.1 | 70-130 | 0.702 | 20 | |
| Ethylbenzene | 0.0894 | 0.00200 | " | 0.100 | ND | 89.4 | 70-130 | 3.28 | 20 | |
| Naphthalene | 0.101 | 0.00380 | " | 0.100 | ND | 101 | 70-130 | 2.31 | 20 | |
| Toluene | 0.0843 | 0.00200 | " | 0.100 | ND | 84.3 | 70-130 | 1.60 | 20 | |
| o-Xylene | 0.0966 | 0.00200 | " | 0.100 | ND | 96.6 | 70-130 | 2.88 | 20 | |
| m,p-Xylene | 0.194 | 0.00400 | " | 0.200 | ND | 97.1 | 70-130 | 2.12 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.093 | | " | 0.125 | | 74.4 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 96.1 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 98.5 | 70-130 | | | |

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

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

Batch B3D2027 - EPA 3050B

Blank (B3D2027-BLK1)

Prepared: 04/20/2023 Analyzed: 04/24/2023

| | | | | | | | | | | |
|----------|----|----------|-------|--|--|--|--|--|--|--|
| Arsenic | ND | 0.000100 | mg/kg | | | | | | | |
| Barium | ND | 0.0100 | " | | | | | | | |
| Cadmium | ND | 0.000100 | " | | | | | | | |
| Copper | ND | 0.0100 | " | | | | | | | |
| Lead | ND | 0.0100 | " | | | | | | | |
| Nickel | ND | 0.0100 | " | | | | | | | |
| Selenium | ND | 0.000100 | " | | | | | | | |
| Silver | ND | 0.000100 | " | | | | | | | |
| Zinc | ND | 0.100 | " | | | | | | | |

LCS (B3D2027-BS1)

Prepared: 04/20/2023 Analyzed: 04/24/2023

| | | | | | | | | | | |
|----------|--------|----------|-------|--------|--|-----|--------|--|--|--|
| Arsenic | 0.0568 | 0.000100 | mg/kg | 0.0500 | | 114 | 80-120 | | | |
| Barium | 5.45 | 0.0100 | " | 5.00 | | 109 | 80-120 | | | |
| Cadmium | 0.0549 | 0.000100 | " | 0.0500 | | 110 | 80-120 | | | |
| Copper | 0.550 | 0.0100 | " | 0.500 | | 110 | 80-120 | | | |
| Lead | 0.0538 | 0.0100 | " | 0.0500 | | 108 | 80-120 | | | |
| Nickel | 0.0578 | 0.0100 | " | 0.0500 | | 116 | 80-120 | | | |
| Selenium | 0.0559 | 0.000100 | " | 0.0500 | | 112 | 80-120 | | | |
| Silver | 0.0548 | 0.000100 | " | 0.0500 | | 110 | 80-120 | | | |
| Zinc | 0.558 | 0.100 | " | 0.500 | | 112 | 80-120 | | | |

Matrix Spike (B3D2027-MS1)

Source: Y304138-04

Prepared: 04/20/2023 Analyzed: 04/24/2023

Origins Laboratory, Inc.



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 8000 W 44th Ave
 Wheat Ridge CO 80033

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

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

Batch B3D2027 - EPA 3050B

| Matrix Spike (B3D2027-MS1) | | Source: Y304138-04 | | | Prepared: 04/20/2023 Analyzed: 04/24/2023 | | | | | |
|-----------------------------------|------|---------------------------|-------|------|---|------|--------|--|--|-------|
| Arsenic | 6.11 | 0.0887 | mg/kg | 4.44 | 1.24 | 110 | 75-125 | | | |
| Barium | 512 | 8.87 | " | 444 | 32.6 | 108 | 75-125 | | | |
| Cadmium | 4.85 | 0.0887 | " | 4.44 | 0.0811 | 108 | 75-125 | | | |
| Copper | 47.6 | 8.87 | " | 44.4 | 3.64 | 99.2 | 75-125 | | | |
| Lead | 24.1 | 8.87 | " | 4.44 | 17.9 | 141 | 75-125 | | | QM-07 |
| Nickel | 7.21 | 8.87 | " | 4.44 | 2.33 | 110 | 75-125 | | | |
| Selenium | 4.93 | 0.0887 | " | 4.44 | 0.0573 | 110 | 75-125 | | | |
| Silver | 4.82 | 0.0887 | " | 4.44 | 0.00859 | 108 | 75-125 | | | |
| Zinc | 60.9 | 88.7 | " | 44.4 | 14.1 | 106 | 75-125 | | | |

| Matrix Spike Dup (B3D2027-MSD1) | | Source: Y304138-04 | | | Prepared: 04/20/2023 Analyzed: 04/24/2023 | | | | | |
|--|------|---------------------------|-------|------|---|-----|--------|--------|----|-------|
| Arsenic | 6.01 | 0.0884 | mg/kg | 4.42 | 1.24 | 108 | 75-125 | 1.71 | 20 | |
| Barium | 511 | 8.84 | " | 442 | 32.6 | 108 | 75-125 | 0.187 | 20 | |
| Cadmium | 4.83 | 0.0884 | " | 4.42 | 0.0811 | 107 | 75-125 | 0.373 | 20 | |
| Copper | 48.2 | 8.84 | " | 44.2 | 3.64 | 101 | 75-125 | 1.18 | 20 | |
| Lead | 27.4 | 8.84 | " | 4.42 | 17.9 | 216 | 75-125 | 12.7 | 20 | QM-07 |
| Nickel | 7.37 | 8.84 | " | 4.42 | 2.33 | 114 | 75-125 | 2.12 | 20 | |
| Selenium | 4.64 | 0.0884 | " | 4.42 | 0.0573 | 104 | 75-125 | 6.09 | 20 | |
| Silver | 4.82 | 0.0884 | " | 4.42 | 0.00859 | 109 | 75-125 | 0.0127 | 20 | |
| Zinc | 60.6 | 88.4 | " | 44.2 | 14.1 | 105 | 75-125 | 0.501 | 20 | |

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

Classical Chemistry Parameters - Quality Control
Origins Laboratory, Inc.

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

Batch B3D0709 - DTPA Sorbitol Preparation

Blank (B3D0709-BLK1)

Prepared: 04/07/2023 Analyzed: 04/12/2023

Boron ND 0.100 mg/L

Duplicate (B3D0709-DUP1)

Source: Y304101-01

Prepared: 04/07/2023 Analyzed: 04/12/2023

Boron 0.127 0.0991 mg/L 0.121 4.45 50

Batch B3D0712 - Saturated Paste Metals

Blank (B3D0712-BLK1)

Prepared: 04/07/2023 Analyzed: 04/12/2023

Calcium PPM ND 10.0 mg/L

SAR 0.00 SAR

Magnesium PPM ND 10.0 mg/L

Sodium PPM ND 10.0 "

Duplicate (B3D0712-DUP1)

Source: Y304103-01

Prepared: 04/07/2023 Analyzed: 04/12/2023

Calcium PPM 42.9 10.0 mg/L 48.2 11.6 50

SAR 0.00 SAR 2.47 200 200

Magnesium PPM 9.40 10.0 mg/L 10.9 14.9 50

Sodium PPM 61.3 10.0 " 72.9 17.2 50

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

Saturated Paste - Quality Control
Origins Laboratory, Inc.

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

Batch B3D0716 - Saturated Paste pH/EC

Blank (B3D0716-BLK1)

Prepared: 04/07/2023 Analyzed: 04/08/2023

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B3D0716-DUP1)

Source: Y304103-01

Prepared: 04/07/2023 Analyzed: 04/08/2023

pH 7.98 pH Units 8.02 0.500 25

Specific Conductance (EC) 0.623 0.00500 mmhos/cm 0.651 4.46 25

Batch B3D2017 - Saturated Paste pH/EC

Duplicate (B3D2017-DUP1)

Source: Y304355-01

Prepared: 04/20/2023 Analyzed: 04/21/2023

pH 7.83 pH Units 8.20 4.62 25

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

Total Metals by 7196A - Quality Control
Waypoint Analytical, LLC.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|--------------------------------|-------|-------------|--------------------------------|------|-------------|-----|-----------|-------|
| Batch L677513 - | | | | | | | | | | |
| DUP (L 98784-DUP) | | Source: 98784 | | | Prepared: Analyzed: 04/21/2023 | | | | | |
| Chromium, Hexavalent | ND | 0.5 | mg/Kg | | <0.500 | | - | 0 | 20 | |
| MS (L 98784-MS) | | Source: 98784 | | | Prepared: Analyzed: 04/21/2023 | | | | | |
| Chromium, Hexavalent | 34.5 | 2.5 | mg/Kg | 39.1 | <1.22 | 88 | 75-125 | | | |
| LCS (LCS) | | Prepared: Analyzed: 04/21/2023 | | | | | | | | |
| Chromium, Hexavalent | 7.24 | 0.5 | mg/Kg | 8 | | 91 | 75-125 | | | |
| LRB (LRB) | | Prepared: Analyzed: 04/21/2023 | | | | | | | | |
| Chromium, Hexavalent | ND | 0.5 | mg/Kg | | | | - | | | |

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

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 L675844 - 3550B

| MSD (L 94605-MSD-L675844) | | Source: Y304138-02 | | | Prepared: 04/13/2023 Analyzed: 04/13/2023 | | | | | |
|----------------------------------|-------|---------------------------|-------|-------|--|------|--------|-----|----|--|
| Fluoranthene | 0.125 | 0.00067 | mg/Kg | 0.166 | <0.000394 | 75.3 | 30-130 | 2.3 | 30 | |
| Benzo(b)fluoranthene | 0.104 | 0.00067 | " | 0.166 | 0.000604 | 62.2 | 30-130 | 4.6 | 30 | |
| 1-Methylnaphthalene | 0.113 | 0.00201 | " | 0.166 | <0.00109 | 68 | 30-130 | 6 | 30 | |
| 2-Methylnaphthalene | 0.117 | 0.00201 | " | 0.166 | <0.00194 | 70.4 | 30-130 | 6.6 | 30 | |
| Acenaphthene | 0.114 | 0.00067 | " | 0.166 | <0.000304 | 68.6 | 30-130 | 5.1 | 30 | |
| Anthracene | 0.119 | 0.00067 | " | 0.166 | <0.000334 | 71.6 | 30-130 | 4.1 | 30 | |
| Indeno(1,2,3-cd)pyrene | 0.119 | 0.00067 | " | 0.166 | <0.000627 | 71.6 | 30-130 | 9.6 | 30 | |
| Benzo(a)pyrene | 0.125 | 0.00067 | " | 0.166 | 0.000742 | 74.8 | 30-130 | 0.7 | 30 | |
| Pyrene | 0.124 | 0.00067 | " | 0.166 | <0.000643 | 74.6 | 30-130 | 2.3 | 30 | |
| Benzo(k)fluoranthene | 0.107 | 0.00067 | " | 0.166 | <0.000437 | 64.4 | 30-130 | 0 | 30 | |
| Chrysene | 0.119 | 0.00067 | " | 0.166 | <0.000624 | 71.6 | 30-130 | 1.6 | 30 | |
| Dibenz(a,h)anthracene | 0.13 | 0.00067 | " | 0.166 | <0.000614 | 78.3 | 30-130 | 0.7 | 30 | |
| Fluorene | 0.117 | 0.00067 | " | 0.166 | <0.000286 | 70.4 | 30-130 | 3.3 | 30 | |
| Naphthalene | 0.108 | 0.00201 | " | 0.166 | <0.00145 | 65 | 30-130 | 5.4 | 30 | |
| Benzo(a)anthracene | 0.13 | 0.00067 | " | 0.166 | <0.000493 | 78.3 | 30-130 | 4.5 | 30 | |
| Surrogate: 2-Fluorobiphenyl | 64.4 | | " | 0.332 | 197 | 64.4 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 67.4 | | " | 0.332 | 209 | 67.4 | 33-122 | | | |
| Surrogate: Nitrobenzene-d5 | 57.2 | | " | 0.332 | 167 | 57.2 | 29-110 | | | |

| MS (L 94605-MS-L675844) | | Source: Y304138-02 | | | Prepared: 04/13/2023 Analyzed: 04/13/2023 | | | | | |
|--------------------------------|-------|---------------------------|-------|-------|--|------|--------|--|--|--|
| 2-Methylnaphthalene | 0.125 | 0.00201 | mg/Kg | 0.166 | <0.00194 | 75.3 | 30-130 | | | |
| Benzo(k)fluoranthene | 0.107 | 0.00067 | " | 0.166 | <0.000437 | 64.4 | 30-130 | | | |
| 1-Methylnaphthalene | 0.12 | 0.00201 | " | 0.166 | <0.00109 | 72.2 | 30-130 | | | |
| Anthracene | 0.124 | 0.00067 | " | 0.166 | <0.000334 | 74.6 | 30-130 | | | |
| Benzo(a)anthracene | 0.136 | 0.00067 | " | 0.166 | <0.000493 | 81.9 | 30-130 | | | |
| Acenaphthene | 0.12 | 0.00067 | " | 0.166 | <0.000304 | 72.2 | 30-130 | | | |
| Benzo(b)fluoranthene | 0.109 | 0.00067 | " | 0.166 | 0.000604 | 65.2 | 30-130 | | | |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

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 L675844 - 3550B

| MS (L 94605-MS-L675844) | Source: Y304138-02 | | | Prepared: 04/13/2023 Analyzed: 04/13/2023 | | | | | | |
|-----------------------------|--------------------|---------|-------|---|-----------|------|--------|--|--|--|
| Pyrene | 0.127 | 0.00067 | mg/Kg | 0.166 | <0.000643 | 76.5 | 30-130 | | | |
| Chrysene | 0.121 | 0.00067 | " | 0.166 | <0.000624 | 72.8 | 30-130 | | | |
| Dibenz(a,h)anthracene | 0.131 | 0.00067 | " | 0.166 | <0.000614 | 78.9 | 30-130 | | | |
| Fluoranthene | 0.128 | 0.00067 | " | 0.166 | <0.000394 | 77.1 | 30-130 | | | |
| Fluorene | 0.121 | 0.00067 | " | 0.166 | <0.000286 | 72.8 | 30-130 | | | |
| Indeno(1,2,3-cd)pyrene | 0.108 | 0.00067 | " | 0.166 | <0.000627 | 65 | 30-130 | | | |
| Naphthalene | 0.114 | 0.00201 | " | 0.166 | <0.00145 | 68.6 | 30-130 | | | |
| Benzo(a)pyrene | 0.126 | 0.00067 | " | 0.166 | 0.000742 | 75.4 | 30-130 | | | |
| Surrogate: 2-Fluorobiphenyl | 67.7 | | " | 0.332 | 197 | 67.7 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 67.4 | | " | 0.332 | 209 | 67.4 | 33-122 | | | |
| Surrogate: Nitrobenzene-d5 | 59.6 | | " | 0.332 | 167 | 59.6 | 29-110 | | | |

| LCS (LCS-L675844) | Prepared: 04/13/2023 Analyzed: 04/13/2023 | | | | | | | | | |
|------------------------|---|---------|-------|-------|--|------|--------|--|--|--|
| Fluoranthene | 0.135 | 0.00067 | mg/Kg | 0.167 | | 80.8 | 30-130 | | | |
| Benzo(b)fluoranthene | 0.102 | 0.00067 | " | 0.167 | | 61 | 30-130 | | | |
| Benzo(a)pyrene | 0.138 | 0.00067 | " | 0.167 | | 82.6 | 30-130 | | | |
| Benzo(a)anthracene | 0.138 | 0.00067 | " | 0.167 | | 82.6 | 30-130 | | | |
| Anthracene | 0.126 | 0.00067 | " | 0.167 | | 75.4 | 30-130 | | | |
| Benzo(k)fluoranthene | 0.111 | 0.00067 | " | 0.167 | | 66.4 | 30-130 | | | |
| Dibenz(a,h)anthracene | 0.115 | 0.00067 | " | 0.167 | | 68.8 | 30-130 | | | |
| Fluorene | 0.124 | 0.00067 | " | 0.167 | | 74.2 | 30-130 | | | |
| Indeno(1,2,3-cd)pyrene | 0.0951 | 0.00067 | " | 0.167 | | 56.9 | 30-130 | | | |
| Naphthalene | 0.114 | 0.00201 | " | 0.167 | | 68.2 | 30-130 | | | |
| Pyrene | 0.135 | 0.00067 | " | 0.167 | | 80.8 | 30-130 | | | |
| Acenaphthene | 0.122 | 0.00067 | " | 0.167 | | 73 | 30-130 | | | |
| 2-Methylnaphthalene | 0.122 | 0.00201 | " | 0.167 | | 73 | 30-130 | | | |
| 1-Methylnaphthalene | 0.119 | 0.00201 | " | 0.167 | | 71.2 | 30-130 | | | |

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

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 L675844 - 3550B

LCS (LCS-L675844)

Prepared: 04/13/2023 Analyzed: 04/13/2023

| | | | | | | | | | | |
|-----------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Chrysene | 0.125 | 0.00067 | mg/Kg | 0.167 | | 74.8 | 30-130 | | | |
| Surrogate: 2-Fluorobiphenyl | 72.3 | | " | 0.333 | | 72.3 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 78 | | " | 0.333 | | 78 | 33-122 | | | |
| Surrogate: Nitrobenzene-d5 | 63 | | " | 0.333 | | 63 | 29-110 | | | |

LRB (LRB-L675844)

Prepared: 04/13/2023 Analyzed: 04/13/2023

| | | | | | | | | | | |
|-----------------------------|------|---------|-------|-------|--|------|--------|--|--|--|
| Benzo(a)pyrene | ND | 0.00067 | mg/Kg | | | | - | | | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | | | | - | | | |
| Pyrene | ND | 0.00067 | " | | | | - | | | |
| Naphthalene | ND | 0.00201 | " | | | | - | | | |
| Fluorene | ND | 0.00067 | " | | | | - | | | |
| Fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | | | | - | | | |
| Chrysene | ND | 0.00067 | " | | | | - | | | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Acenaphthene | ND | 0.00067 | " | | | | - | | | |
| Benzo(a)anthracene | ND | 0.00067 | " | | | | - | | | |
| Anthracene | ND | 0.00067 | " | | | | - | | | |
| 1-Methylnaphthalene | ND | 0.00201 | " | | | | - | | | |
| 2-Methylnaphthalene | ND | 0.00201 | " | | | | - | | | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Surrogate: Nitrobenzene-d5 | 59.1 | | " | 0.333 | | 59.1 | 29-110 | | | |
| Surrogate: 2-Fluorobiphenyl | 63.9 | | " | 0.333 | | 63.9 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 66.9 | | " | 0.333 | | 66.9 | 33-122 | | | |

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

Martin C Eckert III
Project Number: [none]
Project: Noble - State C #36-4

Notes and Definitions

U Sample is Non-Detect.

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

J Estimated Value. Analyte below reported quantitation limit.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

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.

Jordan A. Bynon, Project Manager



May 03, 2023

Eagle Environmental Consulting, LLC

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - State C #36-4

Project Number - [none]

Attached are your analytical results for Noble - State C #36-4 received by Origins Laboratory, Inc. April 25, 2023. This project is associated with Origins project number Y304579-01.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - State C #36-4

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------------|---------------|--------|--------------------|------------------|
| Background-01@2' | Y304579-01 | Soil | April 6, 2023 8:05 | 04/25/2023 14:10 |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4304579 Client: Eagle
 Client Project ID: State C #36-4
 Checklist Completed by: EHS Shipped Via: HO
 Date/time completed: 4/25/23 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: NA
 Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1/1 °C / °C / °C (Describe) °C
 Thermometer ID: T003

| Requirement Description | Yes | No | N/A | Comments (if any) |
|---|-----|----|-----|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ? | / | | | |
| 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 ⁽¹⁾ ? | / | | | |
| Was adequate sample volume provided ⁽¹⁾ ? | / | | | |
| Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ? | | / | | |
| Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ? | / | | | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | / | | | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | / | | | |
| Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ? | / | | | |
| 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 ⁽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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH) | | | / | |
| 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) [Signature] Date/Time Reviewed 4/26/23

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

Background-01@2'
4/6/2023 8:05:00AM

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

Origins Laboratory, Inc.
Y304579-01 (Soil)

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 7.48 | | pH Units | 1 | B3D2626 | HJD | 04/26/2023 | 04/27/2023 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|------|--------|-------|----|---------|-----|------------|------------|--|
| Arsenic | 1.04 | 0.0955 | mg/kg | 10 | B3D2703 | CIH | 04/27/2023 | 04/27/2023 | |
| Barium | 31.8 | 9.55 | " | " | " | CIH | " | " | |
| Cadmium | ND | 0.0955 | " | " | " | CIH | " | " | |
| Copper | ND | 9.55 | " | " | " | CIH | " | " | |
| Lead | ND | 9.55 | " | " | " | CIH | " | " | |
| Nickel | ND | 9.55 | " | " | " | CIH | " | " | |
| Selenium | ND | 0.0955 | " | " | " | CIH | " | " | |
| Silver | ND | 0.0955 | " | " | " | CIH | " | " | |
| Zinc | ND | 95.5 | " | " | " | CIH | " | " | |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

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

Batch B3D2703 - EPA 3050B

Blank (B3D2703-BLK1)

Prepared: 04/27/2023 Analyzed: 04/27/2023

| | | | | | | | | | | |
|----------|----|----------|-------|--|--|--|--|--|--|--|
| Arsenic | ND | 0.000100 | mg/kg | | | | | | | |
| Barium | ND | 0.0100 | " | | | | | | | |
| Cadmium | ND | 0.000100 | " | | | | | | | |
| Copper | ND | 0.0100 | " | | | | | | | |
| Lead | ND | 0.0100 | " | | | | | | | |
| Nickel | ND | 0.0100 | " | | | | | | | |
| Selenium | ND | 0.000100 | " | | | | | | | |
| Silver | ND | 0.000100 | " | | | | | | | |
| Zinc | ND | 0.100 | " | | | | | | | |

LCS (B3D2703-BS1)

Prepared: 04/27/2023 Analyzed: 04/27/2023

| | | | | | | | | | | |
|----------|--------|----------|-------|--------|--|------|--------|--|--|--|
| Arsenic | 0.0502 | 0.000100 | mg/kg | 0.0500 | | 100 | 80-120 | | | |
| Barium | 5.04 | 0.0100 | " | 5.00 | | 101 | 80-120 | | | |
| Cadmium | 0.0494 | 0.000100 | " | 0.0500 | | 98.8 | 80-120 | | | |
| Copper | 0.518 | 0.0100 | " | 0.500 | | 104 | 80-120 | | | |
| Lead | 0.0485 | 0.0100 | " | 0.0500 | | 96.9 | 80-120 | | | |
| Nickel | 0.0519 | 0.0100 | " | 0.0500 | | 104 | 80-120 | | | |
| Selenium | 0.0444 | 0.000100 | " | 0.0500 | | 88.8 | 80-120 | | | |
| Silver | 0.0484 | 0.000100 | " | 0.0500 | | 96.8 | 80-120 | | | |
| Zinc | 0.502 | 0.100 | " | 0.500 | | 100 | 80-120 | | | |

Matrix Spike (B3D2703-MS1)

Source: Y304558-01

Prepared: 04/27/2023 Analyzed: 04/27/2023

| | | | | | | | | | | |
|---------|------|--------|-------|------|--------|------|--------|--|--|-------|
| Arsenic | 9.48 | 0.0939 | mg/kg | 4.70 | 6.72 | 58.9 | 75-125 | | | QM-07 |
| Barium | 523 | 9.39 | " | 470 | 77.9 | 94.9 | 75-125 | | | |
| Cadmium | 4.64 | 0.0939 | " | 4.70 | 0.0993 | 96.8 | 75-125 | | | |
| Copper | 52.7 | 9.39 | " | 47.0 | 8.10 | 94.9 | 75-125 | | | |
| Lead | 23.3 | 9.39 | " | 4.70 | 11.0 | 263 | 75-125 | | | QM-07 |

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|---------------------------|-------------|---------------|---|-------------|-------|-----------|---------------|
| Batch B3D2703 - EPA 3050B | | | | | | | | | | |
| Matrix Spike (B3D2703-MS1) | | | Source: Y304558-01 | | | Prepared: 04/27/2023 Analyzed: 04/27/2023 | | | | |
| Nickel | 13.0 | 9.39 | mg/kg | 4.70 | 9.91 | 65.9 | 75-125 | | | QM-07 |
| Selenium | 4.19 | 0.0939 | " | 4.70 | 0.206 | 84.8 | 75-125 | | | |
| Silver | 4.56 | 0.0939 | " | 4.70 | 0.0189 | 96.7 | 75-125 | | | |
| Zinc | 76.7 | 93.9 | " | 47.0 | 38.3 | 81.7 | 75-125 | | | |
| Matrix Spike Dup (B3D2703-MSD1) | | | Source: Y304558-01 | | | Prepared: 04/27/2023 Analyzed: 04/27/2023 | | | | |
| Arsenic | 10.7 | 0.0888 | mg/kg | 4.44 | 6.72 | 90.2 | 75-125 | 12.3 | 20 | |
| Barium | 519 | 8.88 | " | 444 | 77.9 | 99.3 | 75-125 | 0.821 | 20 | |
| Cadmium | 4.54 | 0.0888 | " | 4.44 | 0.0993 | 99.9 | 75-125 | 2.37 | 20 | |
| Copper | 54.0 | 8.88 | " | 44.4 | 8.10 | 103 | 75-125 | 2.44 | 20 | |
| Lead | 17.9 | 8.88 | " | 4.44 | 11.0 | 156 | 75-125 | 26.5 | 20 | QM-07, QR-DUP |
| Nickel | 14.2 | 8.88 | " | 4.44 | 9.91 | 97.6 | 75-125 | 9.11 | 20 | |
| Selenium | 4.24 | 0.0888 | " | 4.44 | 0.206 | 90.7 | 75-125 | 1.17 | 20 | |
| Silver | 4.41 | 0.0888 | " | 4.44 | 0.0189 | 98.8 | 75-125 | 3.41 | 20 | |
| Zinc | 85.1 | 88.8 | " | 44.4 | 38.3 | 105 | 75-125 | 10.4 | 20 | |

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - State C #36-4

Saturated Paste - Quality Control
Origins Laboratory, Inc.

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

Batch B3D2626 - Saturated Paste pH/EC

Duplicate (B3D2626-DUP1)

Source: Y304518-01

Prepared: 04/26/2023 Analyzed: 04/27/2023

| | | | | | | | | | | |
|----|------|--|----------|--|------|--|--|------|----|--|
| pH | 6.90 | | pH Units | | 6.83 | | | 1.02 | 25 | |
|----|------|--|----------|--|------|--|--|------|----|--|

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

Martin C Eckert III
Project Number: [none]
Project: Noble - State C #36-4

Notes and Definitions

QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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