

Wellhead Closure Checklist

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

| Additional attachments (optional): | Pit Closure | Tank Battery Closure | Flowline Closure | Partially Buried Vault Closure |
|--|---|---|------------------|----------------------------------|
| Site Name & COGCC Facility Number: BRANCH # 1-3 | Date: 4-1-22 | Remediation Project #: 21822 | | |
| Associated Wells: 05-123-12513 | Age of Site: YEARS | Number of Photos Attached: 2 | | |
| Location: (GPS coordinates of wellhead or southeastern most wellhead for multiple) 40.346798, -104.529377 | | | | Estimated Facility Size (acres): |
| General Condition of Site: (General observations regarding housekeeping, corrosion, waste management, etc.) GOOD | | | | |
| USCS Soil Type: SW | Estimated Depth to Groundwater: ~ 10-12' | | | |
| Hydrocarbon Impacted Soils / Spills: (Note estimated size and if impact appears to be surficial or extends to an unknown depth) NONE OBSERVED | | | | |
| Salt Crusted Soils or Impacted Vegetation: (Note estimated size and if impact appears to be surficial or extends to an unknown depth) NONE OBSERVED | | | | |
| Wellhead(s) | | | | |
| Well API | 05-123-12513 | | | |
| Age | YEARS | | | |
| Condition of surface around wellhead | GOOD - PER CREW | | | |
| PID Readings | N/A - EXCAVATED UPON ARRIVAL | | | |
| Condition of subsurface (staining present) | GOOD - NO STAINING OR ODOR | | | |
| PID Readings | 0.9 | 1.1 | 1.4 | 2.8 |
| Sample taken? Location/Sample ID# | WH-SS-01 | WH-SS-02 | WH-SS-03 | WH-SS-04 |
| Photo Number(s) | SEE PHOTOS | | | |
| Other observations regarding wellheads: WELL CASINGS CUT/CAPPED FOLLOWING ASSESSMENT. | | | | |
| Summary | | | | |
| Was impacted soil identified? <input checked="" type="radio"/> No Yes - less than 10 cubic yards Yes - more than 10 cubic yards | | | | |
| Total number of samples field screened: 5 | | Total number of samples collected: 5 | | |
| Highest PID Reading: 3.2 | | Total number of samples submitted to lab for analysis: 1 | | |
| If more than 10 cubic yards of impacted soil were observed: | | | | |
| Vertical extent: | | Estimated spill volume: | | |
| Lateral extent: N/A | | Volume of soil removed: | | |
| Is additional investigation required? | | | | |
| Was groundwater encountered during the investigation? <input checked="" type="radio"/> No Yes - not impacted or in contact with impacted soils Yes - groundwater impacted and/or in contact with impacted soils | | | | |
| Measured depth to groundwater: | | Was remedial groundwater removal conducted? Yes No | | |
| Date Groundwater was encountered: | | Commencement date of removal: | | |
| Sheen on groundwater? Yes No | | Volume of groundwater removed prior to sampling: | | |
| Free product observed? Yes No | | Volume of groundwater removed post sampling: | | |
| Total number of samples collected: | | Total Volume of groundwater removed: | | |
| Total number of samples submitted to lab for analysis: | | | | |



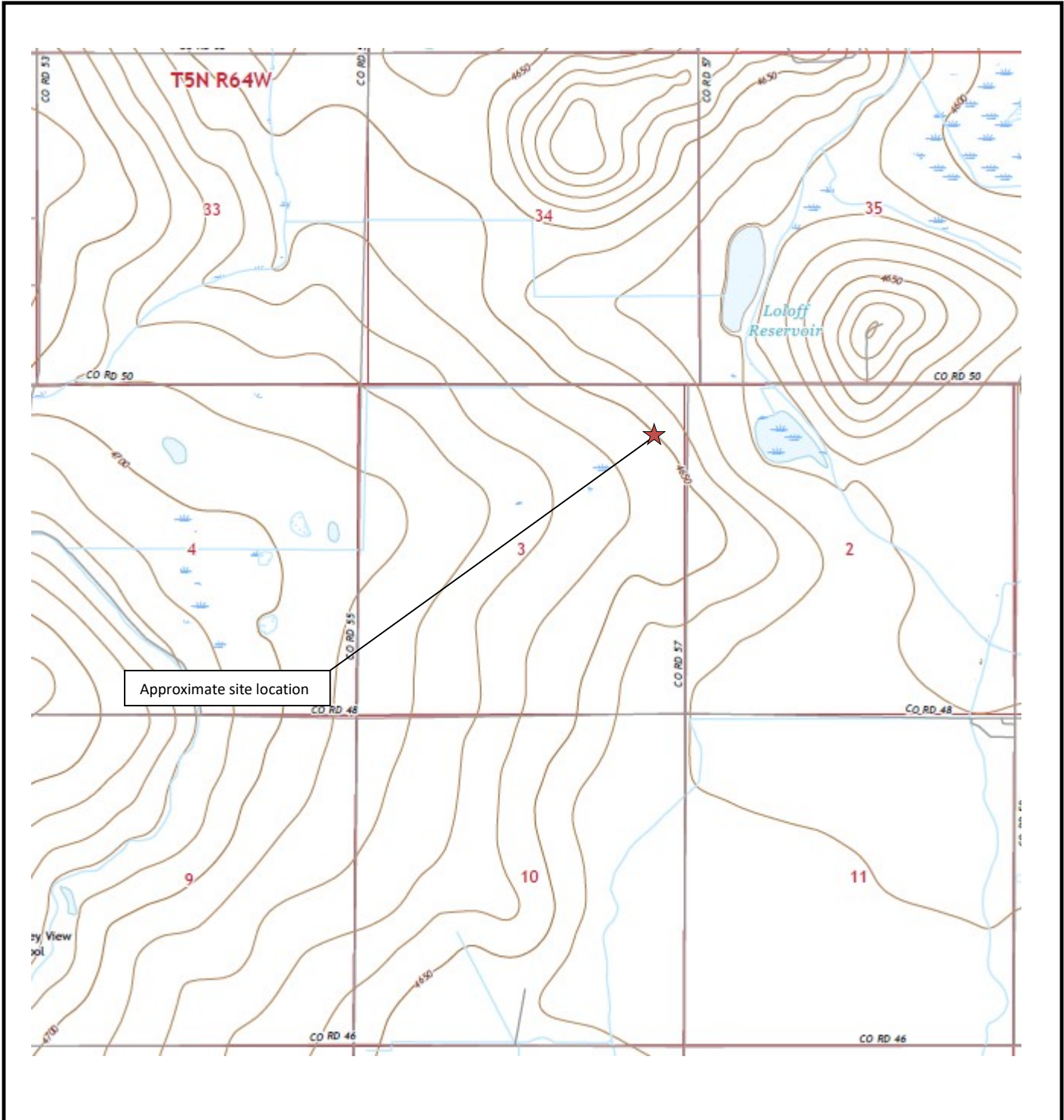
FIGURES

Figure 1: Topographic Site Location Map

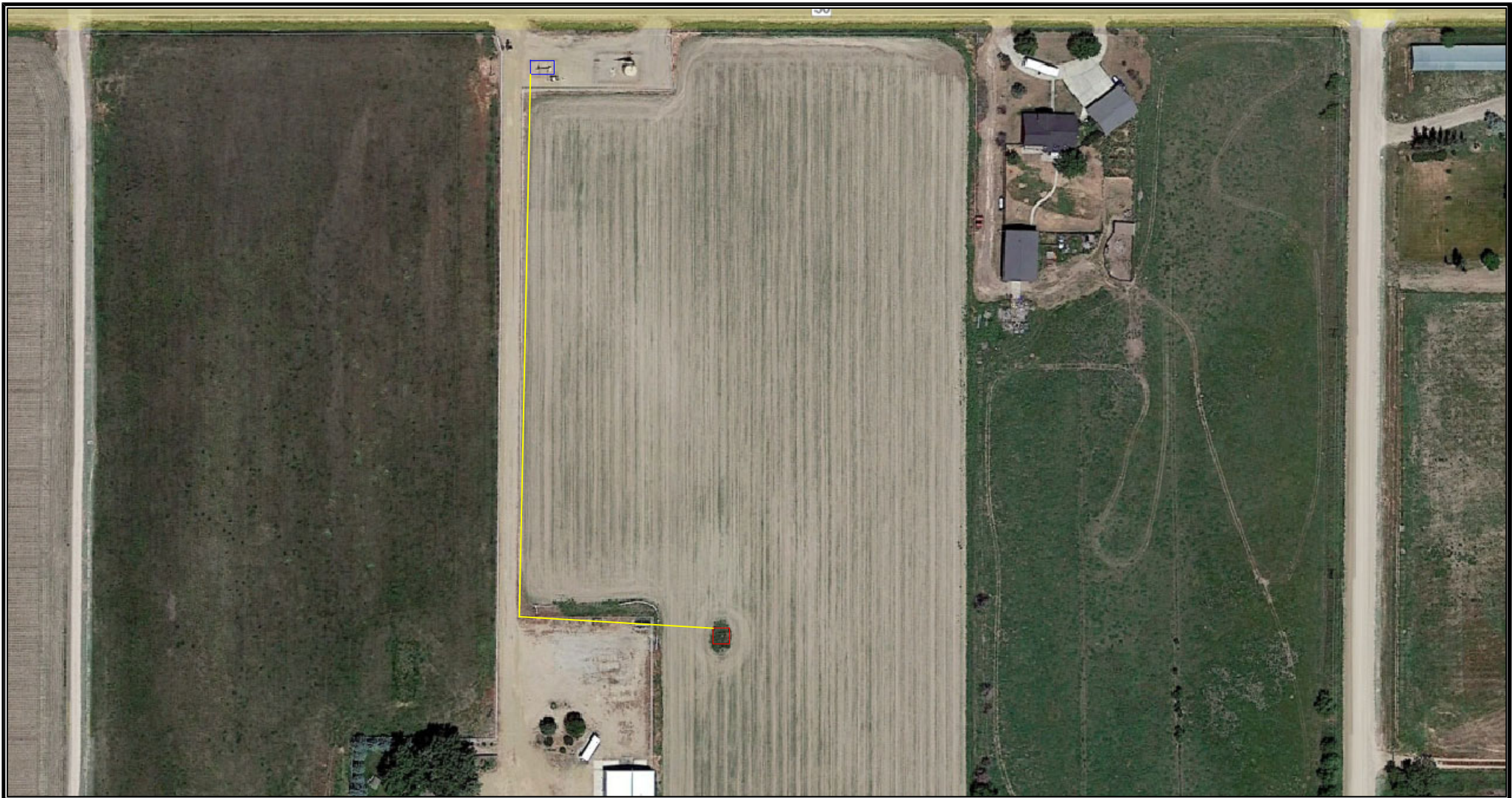
Figure 2: Aerial Site Location Map

Figure 3: Soil Analytical Map

Figure 4: Polycyclic Aromatic Hydrocarbons Map

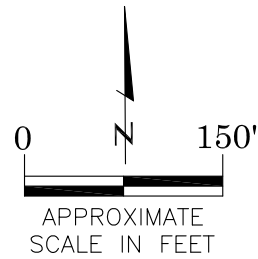


| | | |
|--|--|--|
| | <p align="center">Topographic Site Location Map Branch #1-3 Closure Assessment 40.346798 / -104.529377 NE¼ NE¼ SEC.3 T4N R64W 6PM Weld County, Colorado API # 05-123-12513 Remediation # 21822</p> | <p>EAGLE ENVIRONMENTAL CONSULTING, INC.</p> |
| <p>Source: USGS 7.5 Minute Topographic Map, Valley View School, CO Quadrangle 2022</p> | <p align="center">Figure 1</p> | |



LEGEND

- FORMER BRANCH #1-3 WELLHEAD (PLUGGED AND ABANDONED)
- ASSOCIATED SEPARATOR
- APPROXIMATE FLOWLINE LOCATION



AERIAL SITE LOCATION MAP
 BRANCH #1-3
 CLOSURE ASSESSMENT
 40.346798 / -104.529377
 NE¼ NE¼ SEC.3 T4N R64W 6PM
 WELD COUNTY, COLORADO
 API # 05-123-12513
 REMEDIATION # 21822

DATE: 05/05/22

FIG. NO. 2 DRAWN BY: ER



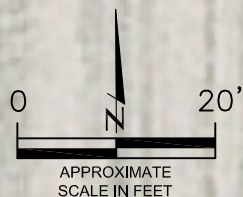
EAGLE

ENVIRONMENTAL
CONSULTING, INC.

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



WH-FS-01@6'
 04/01/22
 6'
 B = <0.00200
 T = <0.00200
 E = <0.00200
 X = <0.00200
 G = <0.200
 D = 34.9
 R = <100
 1,2,4-TMB = <0.00200
 1,3,5-TMB = <0.00200
 Brn= 0.809
 EC = 1.78
 SAR= 2.49
 pH = 7.67



LEGEND

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

VALUES PRESENTED IN **BOLD** CONTAIN CONCENTRATIONS THAT EXCEED COGCC TABLE 915-1 REGULATORY LIMITS FOR THAT COMPOUND.

COGCC = COLORADO OIL AND GAS CONSERVATION COMMISSION

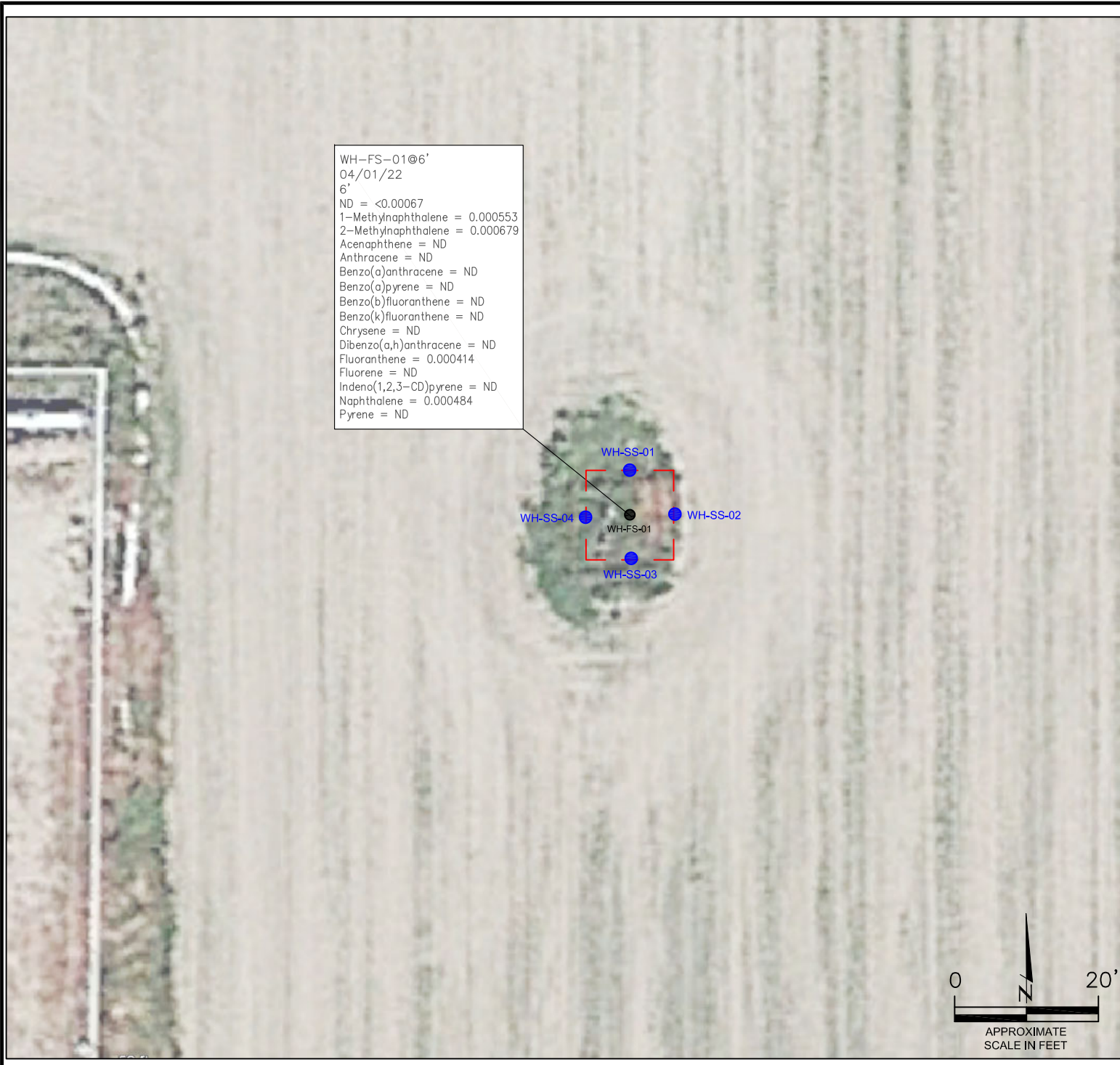
SOIL ANALYTICAL MAP
 BRANCH #1-3
 CLOSURE ASSESSMENT
 40.346798 / -104.529377
 NE¼ NE¼ SEC.3 T4N R64W 6PM
 WELD COUNTY, COLORADO
 API # 05-123-12513
 REMEDIATION # 21822

DATE: 05/05/22

DRAWN BY: ER

FIG. NO. 3

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



LEGEND

- — WELLHEAD ASSESSMENT BOUNDARIES
- SS-02 APPROXIMATE LOCATION OF SOIL SAMPLES FIELD SCREENED, ONLY, WITH PHOTOIONIZATION DETECTOR
- SS-01 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** CONTAIN CONCENTRATIONS EXCEEDING COGCC TABLE 915-1 REGULATORY LIMITS.

COGCC = COLORADO OIL AND GAS CONSERVATION COMMISSION

POLYCYCLIC AROMATIC HYDROCARBONS MAP
 BRANCH #1-3
 CLOSURE ASSESSMENT
 40.346798 / -104.529377
 NE¼ NE¼ SEC.3 T4N R64W 6PM
 WELD COUNTY, COLORADO
 API # 05-123-12513
 REMEDIATION # 21822

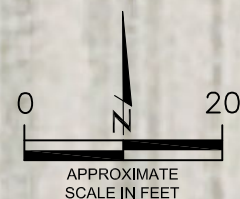
DATE:
05/05/22

DRAWN BY:
ER

FIG.
NO. 4



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





TABLES

Table 1: Photoionization Detector Reading Summary

Table 2: Soil Analytical Results Summary

TABLE 1
PHOTOIONIZATION DETECTOR READING SUMMARY
BRANCH #1-3
CLOSURE ASSESSMENT
40.346798 / -104.529377
NE1/4 NE1/4 SEC.3 T4N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-12513
REMEDATION # 21822

| Sample Location (Latitude/Longitude) | Date | Approximate Depth (feet) | PID Reading (ppm-v) | Lab Submission (Y/N) |
|--|----------|--------------------------------|------------------------|-------------------------|
| WH-SS-01 @ 5' (40.346829 / -104.529352) | 04/01/22 | 5 | 0.9 | N |
| WH-SS-02 @ 5' (40.346821 / -104.529340) | 04/01/22 | 5 | 1.1 | N |
| WH-SS-03 @ 5' (40.346811 / -104.529354) | 04/01/22 | 5 | 1.4 | N |
| WH-SS-04 @ 5' (40.346820 / -104.529373) | 04/01/22 | 5 | 2.3 | N |
| WH-FS-01 @ 6' (40.346824 / -104.529354) | 04/01/22 | 6 | 3.2 | Y |
| (Y/N) = Yes or No ppm-v = parts per million by volume PID = Photoionization Detector | | | | |

TABLE 2
SOIL ANALYTICAL RESULTS SUMMARY
BRANCH #1-3
CLOSURE ASSESSMENT
40.346798 / -104.529377
NE1/4 NE1/4 SEC.3 T4N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-12513
REMEDATION # 21822

| Sample Location | | WH-FS-01 @ 6' | | |
|---|---------------|---|----------------------------|----------|
| (Latitude / Longitude) | | (40.346824 / -104.529354) | | |
| Sample Date | | 4/1/2022 | | |
| Sample Depth | | 6' | | |
| PID Reading (ppm-v) | | 3.2 | | |
| Regulatory Limits | | | | |
| Chemical of Concern | Units | COGCC Table 915-1 RSSLs | COGCC Table 915-1 GSSLs | |
| VOCs | | | | |
| Benzene | mg/kg | 1.2 | 0.0026 | <0.00200 |
| Toluene | mg/kg | 490 | 0.69 | <0.00200 |
| Ethylbenzene | mg/kg | 5.8 | 0.78 | <0.00200 |
| Total Xylenes | mg/kg | 58 | 9.9 | <0.00200 |
| 1,2,4-Trimethylbenzene | mg/kg | 30 | 0.0081 | <0.00200 |
| 1,3,5-Trimethylbenzene | mg/kg | 27 | 0.0087 | <0.00200 |
| Total Petroleum Hydrocarbons | | | | |
| TPH-GRO | mg/kg | 500 | -- | <0.200 |
| TPH-DRO | mg/kg | 500 | -- | 34.9 |
| TPH-RRO | mg/kg | 500 | -- | <100 |
| Polycyclic Aromatics Hydrocarbons | | | | |
| 1-Methyl-naphthalene | mg/kg | 18 | 0.006 | 0.000553 |
| 2-Methyl-naphthalene | mg/kg | 24 | 0.019 | 0.000679 |
| Acenaphthene | mg/kg | 360 | 0.55 | <0.00067 |
| Anthracene | mg/kg | 1800 | 5.8 | <0.00067 |
| Benzo(a)-anthracene | mg/kg | 1.1 | 0.011 | <0.00067 |
| Benzo(a)-pyrene | mg/kg | 0.11 | 0.24 | <0.00067 |
| Benzo(b)-fluoranthene | mg/kg | 1.1 | 0.3 | <0.00067 |
| Benzo(k)-fluoranthene | mg/kg | 11 | 2.9 | <0.00067 |
| Chrysene | mg/kg | 110 | 9 | <0.00067 |
| Dibenzo(a,h)-anthracene | mg/kg | 0.11 | 0.096 | <0.00067 |
| Fluoranthene | mg/kg | 240 | 8.9 | 0.000414 |
| Fluorene | mg/kg | 240 | 0.54 | <0.00067 |
| Indeno(1,2,3-cd)-pyrene | mg/kg | 1.1 | 0.98 | <0.00067 |
| Naphthalene | mg/kg | 2 | 0.0038 | 0.000484 |
| Pyrene | mg/kg | 180 | 1.3 | <0.00067 |
| Soil Suitability (Inorganics) | | | | |
| Boron | mg/L | 2 | -- | 0.809 |
| pH | standard unit | 6-8.3 | -- | 7.67 |
| Sodium Adsorption Ratio (SAR) | -- | <6 | -- | 2.49 |
| Specific Conductance (EC) | mmhos/cm | <4 | -- | 1.78 |
| COGCC = Colorado Oil and Gas Conservation Commission mg/kg = milligrams per kilogram mmhos/cm = millimhos per centimeter PID = Photoionization Detector ppm-v = parts per million by volume mg/L = milligrams per liter SAR = Sodium Adsorption Ratio 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 COGCC Table 915-1 Regulatory Limits. | | | | |
| | | VOCs - Volatile Organic Compounds RSSLs = Residential Soil Screening Levels GSSLs = Protection of Groundwater Soil Screening Levels TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics TPH-DRO = Total Petroleum Hydrocarbons - Diesel Range Organics TPH-RRO = Total Petroleum Hydrocarbons - Residual Range Organics | | |



ATTACHMENT A

Photo Log

Branch #1-3
API # 05-123-12513
Remediation # 21822

Closure Assessment

April 2022



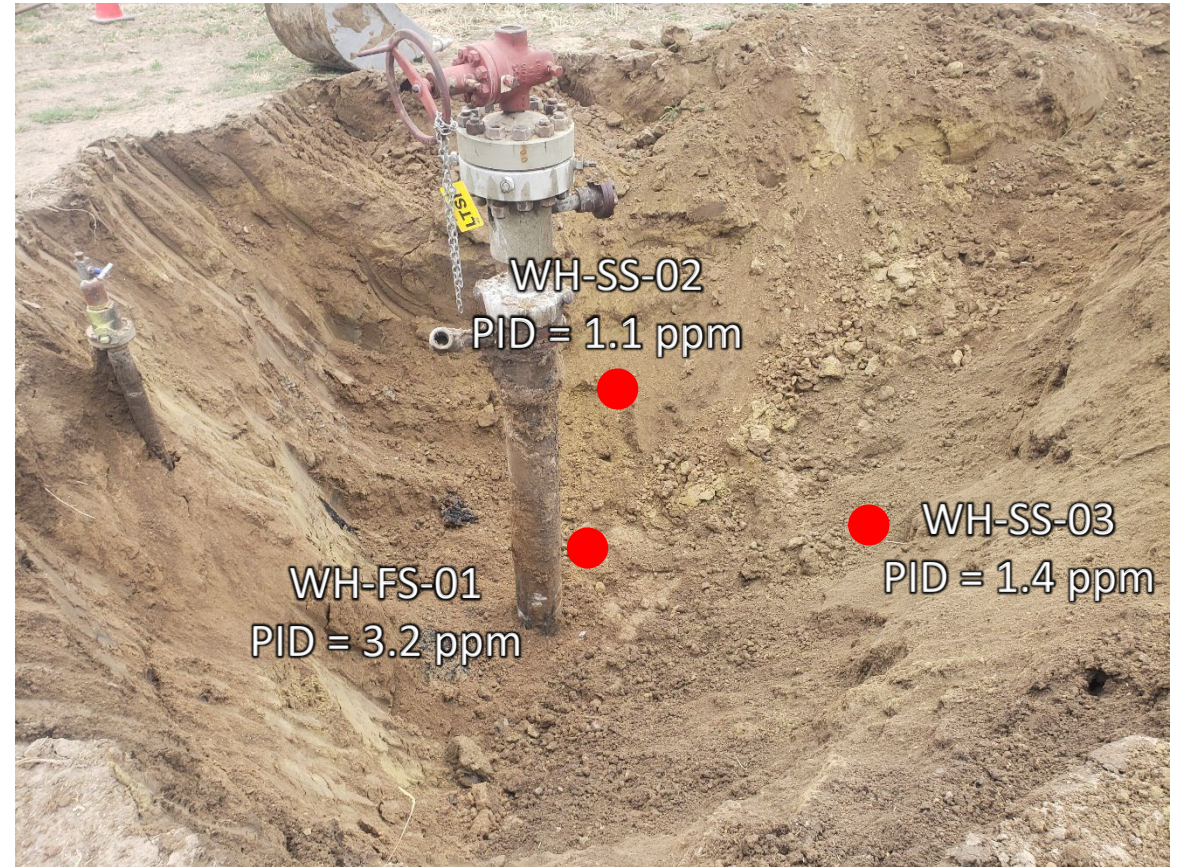
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CONSULTING, INC.
8000 W 44th Ave, Wheat Ridge, CO 80033
Ph: 303-433-0479 • F: 303-325-5449



Wellhead Excavation – 04/01/22



Looking northwest
No petroleum hydrocarbon staining or odor observed



Looking southeast
No petroleum hydrocarbon staining or odor observed



ATTACHMENT B

Laboratory Analytical Report



April 14, 2022

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Branch #1-3

Project Number - [none]

Attached are your analytical results for Noble - Branch #1-3 received by Origins Laboratory, Inc. April 01, 2022. This project is associated with Origins project number Y204018-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



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

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Branch #1-3

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-------------|---------------|--------|--------------------|------------------|
| WH-FS-01@6' | Y204018-01 | Soil | April 1, 2022 8:00 | 04/01/2022 13:20 |

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

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

Sample Receipt Checklist

Origins Work Order: YZ04016 Client: Eagle
 Client Project ID: Branch 1-3

Checklist Completed by: JG Shipped Via: HD
 Date/time completed: 4/1/22 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A

Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1, 4.4 °C / _____ °C / _____ °C / _____ °C (Describe)
 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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH) | | | <input checked="" type="checkbox"/> | |
| Additional Comments (if any): | | | | |

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

Reviewed by (Project Manager) [Signature] Date/Time Reviewed 4/1/22

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

WH-FS-01@6'

4/1/2022 8:00:00AM

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

Y204018-01 (Soil)
Origins Laboratory, Inc.

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|--------|------|---|---------|-----|------------|------------|--|
| Boron | 0.809 | 0.0987 | mg/L | 1 | B2D0402 | KAP | 04/04/2022 | 04/05/2022 | |
|-------|-------|--------|------|---|---------|-----|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|------|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | 34.9 | 25.0 | mg/kg | 1 | B2D0603 | ZZZ | 04/06/2022 | 04/12/2022 | |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ZZZ | " | " | U |

| | | | | | | | | | |
|------------------------|-------|--------|--|--|---|---|---|---|--|
| Surrogate: o-Terphenyl | 102 % | 50-150 | | | " | " | " | " | |
|------------------------|-------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2D0509 | ZZZ | 04/05/2022 | 04/08/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | ZZZ | " | " | U |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 115 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 95.0 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 99.6 % | 70-130 | | | " | " | " | " | |

Metals by Saturated Paste by EPA 6010

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

WH-FS-01@6'

4/1/2022 8:00:00AM

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

Y204018-01 (Soil)

Origins Laboratory, Inc.

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 7.88 | 0.499 | meq/L | 10 | [CALC] | KAP | 04/04/2022 | 04/05/2022 | |
| Magnesium | 5.54 | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 6.45 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 7.67 | | pH Units | 1 | B2D0415 | ACC | 04/04/2022 | 04/05/2022 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 2.49 | | SAR | 1 | B2D0405 | KAP | 04/04/2022 | 04/05/2022 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 1.78 | 0.00500 | mmhos/cm | 1 | B2D0414 | ACC | 04/04/2022 | 04/05/2022 | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|

Waypoint Analytical, Inc.

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----------|---------|-------|---|---------|--|------------|------------|---|
| 1-Methylnaphthalene | 0.000553 | 0.00067 | mg/Kg | 1 | L608881 | | 04/05/2022 | 04/06/2022 | J |
| 2-Methylnaphthalene | 0.000679 | 0.00067 | " | " | " | | " | " | |
| Acenaphthene | ND | 0.00067 | " | " | " | | " | " | |
| Anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)anthracene | ND | 0.00067 | " | " | " | | " | " | |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

WH-FS-01@6'

4/1/2022 8:00:00AM

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

Y204018-01 (Soil)

Waypoint Analytical, Inc.

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|-----------------|---------|-------|---|---------|--|------------|------------|---|
| Benzo(a)pyrene | ND | 0.00067 | mg/Kg | 1 | L608881 | | 04/05/2022 | 04/06/2022 | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Chrysene | ND | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | 0.000414 | 0.00067 | " | " | " | | " | " | J |
| Fluorene | ND | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Naphthalene | 0.000484 | 0.00067 | " | " | " | | " | " | J |
| Pyrene | ND | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 61.9 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 66.8 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 60.1 % | 29-110 | | | " | | " | " | |

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 8000 W 44th Ave
 Wheat Ridge CO 80033

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

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 B2D0509 - EPA 5030 (soil)

Blank (B2D0509-BLK1)

Prepared: 04/05/2022 Analyzed: 04/08/2022

| | | | | | | | | | | |
|----------------------------------|------|---------|-------|-------|------|--|--------|--|--|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | | | | | | | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | | | | | | | U |
| Benzene | ND | 0.00200 | " | | | | | | | U |
| Ethylbenzene | ND | 0.00200 | " | | | | | | | U |
| Naphthalene | ND | 0.0100 | " | | | | | | | U |
| Toluene | ND | 0.00200 | " | | | | | | | U |
| Xylenes, total | ND | 0.00200 | " | | | | | | | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 0.14 | | " | 0.125 | 110 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | 95.6 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | 98.1 | | 70-130 | | | |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

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 B2D0509 - EPA 5030 (soil)

LCS (B2D0509-BS1)

Prepared: 04/05/2022 Analyzed: 04/08/2022

| | | | | | | | | | | |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.105 | 0.00200 | mg/kg | 0.100 | | 105 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.104 | 0.00200 | " | 0.100 | | 104 | 70-130 | | | |
| Benzene | 0.106 | 0.00200 | " | 0.100 | | 106 | 70-130 | | | |
| Ethylbenzene | 0.0971 | 0.00200 | " | 0.100 | | 97.1 | 70-130 | | | |
| Naphthalene | 0.114 | 0.0100 | " | 0.100 | | 114 | 70-130 | | | |
| Toluene | 0.101 | 0.00200 | " | 0.100 | | 101 | 70-130 | | | |
| o-Xylene | 0.103 | 0.00200 | " | 0.100 | | 103 | 70-130 | | | |
| m,p-Xylene | 0.200 | 0.00400 | " | 0.200 | | 100 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.14 | | " | 0.125 | | 109 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 98.0 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 99.6 | 70-130 | | | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
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 Wheat Ridge CO 80033

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

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 B2D0509 - EPA 5030 (soil)

| Matrix Spike (B2D0509-MS1) | Source: Y203824-01 | | | Prepared: 04/05/2022 Analyzed: 04/08/2022 | | | | | | |
|----------------------------------|--------------------|---------|-------|---|----|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.117 | 0.00200 | mg/kg | 0.100 | ND | 117 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.117 | 0.00200 | " | 0.100 | ND | 117 | 70-130 | | | |
| Benzene | 0.115 | 0.00200 | " | 0.100 | ND | 115 | 70-130 | | | |
| Ethylbenzene | 0.108 | 0.00200 | " | 0.100 | ND | 108 | 70-130 | | | |
| Naphthalene | 0.100 | 0.0100 | " | 0.100 | ND | 100 | 70-130 | | | |
| Toluene | 0.109 | 0.00200 | " | 0.100 | ND | 109 | 70-130 | | | |
| o-Xylene | 0.113 | 0.00200 | " | 0.100 | ND | 113 | 70-130 | | | |
| m,p-Xylene | 0.227 | 0.00400 | " | 0.200 | ND | 113 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 105 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 97.6 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 98.8 | 70-130 | | | |

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 8000 W 44th Ave
 Wheat Ridge CO 80033

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

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 B2D0509 - EPA 5030 (soil)

| Matrix Spike Dup (B2D0509-MSD1) | Source: Y203824-01 | Prepared: 04/05/2022 | Analyzed: 04/08/2022 | | | | | | |
|----------------------------------|--------------------|----------------------|----------------------|-------|----|------|--------|------|----|
| 1,2,4-Trimethylbenzene | 0.109 | 0.00200 | mg/kg | 0.100 | ND | 109 | 70-130 | 7.06 | 20 |
| 1,3,5-Trimethylbenzene | 0.108 | 0.00200 | " | 0.100 | ND | 108 | 70-130 | 8.24 | 20 |
| Benzene | 0.107 | 0.00200 | " | 0.100 | ND | 107 | 70-130 | 6.81 | 20 |
| Ethylbenzene | 0.101 | 0.00200 | " | 0.100 | ND | 101 | 70-130 | 7.04 | 20 |
| Naphthalene | 0.108 | 0.0100 | " | 0.100 | ND | 108 | 70-130 | 7.93 | 20 |
| Toluene | 0.102 | 0.00200 | " | 0.100 | ND | 102 | 70-130 | 6.26 | 20 |
| o-Xylene | 0.106 | 0.00200 | " | 0.100 | ND | 106 | 70-130 | 6.11 | 20 |
| m,p-Xylene | 0.208 | 0.00400 | " | 0.200 | ND | 104 | 70-130 | 8.54 | 20 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 104 | 70-130 | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 98.0 | 70-130 | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 100 | 70-130 | | |

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 Wheat Ridge CO 80033

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

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 B2D0603 - EPA 3550B | | | | | | | | | | |
| Blank (B2D0603-BLK1) | | | | | | | | | | |
| | | | | | Prepared: 04/06/2022 Analyzed: 04/12/2022 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 28 | | " | 24.9 | | 113 | 50-150 | | | |

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Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

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 B2D0603 - EPA 3550B

LCS (B2D0603-BS1)

Prepared: 04/06/2022 Analyzed: 04/12/2022

| | | | | | | | | | | |
|-----------------------------------|------|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 1040 | 50.0 | mg/kg | 1000 | | 104 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 977 | 200 | " | 1000 | | 97.7 | 70-130 | | | |
| Surrogate: o-Terphenyl | 52 | | " | 49.8 | | 106 | 50-150 | | | |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

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 B2D0603 - EPA 3550B

| Matrix Spike (B2D0603-MS1) | Source: Y204017-01 | | | Prepared: 04/06/2022 Analyzed: 04/12/2022 | | | | | | |
|-----------------------------------|---------------------------|------|-------|---|----|-----|--------|--|--|--|
| Diesel (C10-C28) | 1010 | 50.0 | mg/kg | 1000 | ND | 101 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 1000 | 200 | " | 1000 | ND | 100 | 70-130 | | | |
| Surrogate: o-Terphenyl | 51 | | " | 49.8 | | 103 | 50-150 | | | |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

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 B2D0603 - EPA 3550B

| Matrix Spike Dup (B2D0603-MSD1) | Source: Y204017-01 | | | Prepared: 04/06/2022 Analyzed: 04/12/2022 | | | | | | |
|--|---------------------------|------|-------|--|----|-----|--------|-------|----|--|
| Diesel (C10-C28) | 1030 | 50.0 | mg/kg | 1000 | ND | 103 | 70-130 | 1.58 | 35 | |
| Residual Range Organics (C28-C40) | 1010 | 200 | " | 1000 | ND | 101 | 70-130 | 0.654 | 35 | |
| Surrogate: o-Terphenyl | 54 | | " | 49.8 | | 109 | 50-150 | | | |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

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

Saturated Paste - Quality Control
Origins Laboratory, Inc.

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

Batch B2D0414 - NO PREP

Blank (B2D0414-BLK1)

Prepared: 04/04/2022 Analyzed: 04/05/2022

Specific Conductance (EC) 0.00140 0.00500 mmhos/cm

Duplicate (B2D0414-DUP1)

Source: Y204007-17

Prepared: 04/04/2022 Analyzed: 04/05/2022

Specific Conductance (EC) 2.82 0.00500 mmhos/cm 2.86 1.31 25

Batch B2D0415 - NO PREP

Duplicate (B2D0415-DUP1)

Source: Y204007-17

Prepared: 04/04/2022 Analyzed: 04/05/2022

pH 7.94 pH Units 8.03 1.13 25

Origins Laboratory, Inc.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

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

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

Batch L608881 - 3550B

| MSD (L 97385-MSD-L608881) | | Source: 97385 | | | Prepared: 04/05/2022 Analyzed: 04/06/2022 | | | | | |
|----------------------------------|--------|----------------------|-------|-------|---|------|--------|------|----|--|
| Naphthalene | 0.102 | 0.000484 | mg/Kg | 0.163 | <0.000484 | 62.5 | 30-130 | 11 | 30 | |
| Indeno(1,2,3-cd)pyrene | 0.0944 | 0.000627 | " | 0.163 | <0.000627 | 57.9 | 30-130 | 28.5 | 30 | |
| Fluorene | 0.114 | 0.000286 | " | 0.163 | <0.000286 | 69.9 | 30-130 | 11.1 | 30 | |
| Fluoranthene | 0.119 | 0.000394 | " | 0.163 | <0.000394 | 73 | 30-130 | 14.4 | 30 | |
| Dibenz(a,h)anthracene | 0.104 | 0.000614 | " | 0.163 | <0.000614 | 63.8 | 30-130 | 25.1 | 30 | |
| Chrysene | 0.112 | 0.000624 | " | 0.163 | <0.000624 | 68.7 | 30-130 | 11.8 | 30 | |
| Benzo(k)fluoranthene | 0.0958 | 0.000437 | " | 0.163 | <0.000437 | 58.7 | 30-130 | 10.5 | 30 | |
| Benzo(b)fluoranthene | 0.1 | 0.000585 | " | 0.163 | <0.000585 | 61.3 | 30-130 | 17.8 | 30 | |
| 2-Methylnaphthalene | 0.101 | 0.000645 | " | 0.163 | <0.000645 | 61.9 | 30-130 | 9.4 | 30 | |
| 1-Methylnaphthalene | 0.101 | 0.000364 | " | 0.163 | <0.000364 | 61.9 | 30-130 | 10.1 | 30 | |
| Benzo(a)anthracene | 0.118 | 0.000493 | " | 0.163 | <0.000493 | 72.3 | 30-130 | 9.7 | 30 | |
| Anthracene | 0.113 | 0.000334 | " | 0.163 | <0.000334 | 69.3 | 30-130 | 11.2 | 30 | |
| Acenaphthene | 0.106 | 0.000304 | " | 0.163 | <0.000304 | 65 | 30-130 | 10.7 | 30 | |
| Benzo(a)pyrene | 0.108 | 0.000468 | " | 0.163 | <0.000468 | 66.2 | 30-130 | 10.3 | 30 | |
| Pyrene | 0.116 | 0.000643 | " | 0.163 | <0.000643 | 71.1 | 30-130 | 10.9 | 30 | |
| Surrogate: Nitrobenzene-d5 | 51.2 | | " | 0.326 | 156 | 51.2 | 29-110 | | | |
| Surrogate: 2-Fluorobiphenyl | 48.7 | | " | 0.326 | 152 | 48.7 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 60.1 | | " | 0.326 | 188 | 60.1 | 33-122 | | | |

| MS (L 97385-MS-L608881) | | Source: 97385 | | | Prepared: 04/05/2022 Analyzed: 04/06/2022 | | | | | |
|--------------------------------|--------|----------------------|-------|-------|---|------|--------|--|--|--|
| Benzo(k)fluoranthene | 0.0862 | 0.000437 | mg/Kg | 0.165 | <0.000437 | 52.2 | 30-130 | | | |
| Chrysene | 0.0995 | 0.000624 | " | 0.165 | <0.000624 | 60.3 | 30-130 | | | |
| Dibenz(a,h)anthracene | 0.0808 | 0.000614 | " | 0.165 | <0.000614 | 48.9 | 30-130 | | | |
| Fluoranthene | 0.103 | 0.000394 | " | 0.165 | <0.000394 | 62.4 | 30-130 | | | |
| Indeno(1,2,3-cd)pyrene | 0.0708 | 0.000627 | " | 0.165 | <0.000627 | 42.9 | 30-130 | | | |
| Anthracene | 0.101 | 0.000334 | " | 0.165 | <0.000334 | 61.2 | 30-130 | | | |
| Naphthalene | 0.0913 | 0.000484 | " | 0.165 | <0.000484 | 55.3 | 30-130 | | | |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

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

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

Batch L608881 - 3550B

| MS (L 97385-MS-L608881) | | Source: 97385 | | | Prepared: 04/05/2022 Analyzed: 04/06/2022 | | | | | |
|--------------------------------|--------|----------------------|-------|-------|---|------|--------|--|--|--|
| Fluorene | 0.102 | 0.000286 | mg/Kg | 0.165 | <0.000286 | 61.8 | 30-130 | | | |
| Benzo(b)fluoranthene | 0.0836 | 0.000585 | " | 0.165 | <0.000585 | 50.6 | 30-130 | | | |
| Benzo(a)anthracene | 0.107 | 0.000493 | " | 0.165 | <0.000493 | 64.8 | 30-130 | | | |
| Acenaphthene | 0.0952 | 0.000304 | " | 0.165 | <0.000304 | 57.6 | 30-130 | | | |
| 2-Methylnaphthalene | 0.0919 | 0.000645 | " | 0.165 | <0.000645 | 55.6 | 30-130 | | | |
| Pyrene | 0.104 | 0.000643 | " | 0.165 | <0.000643 | 63 | 30-130 | | | |
| 1-Methylnaphthalene | 0.0912 | 0.000364 | " | 0.165 | <0.000364 | 55.2 | 30-130 | | | |
| Benzo(a)pyrene | 0.0974 | 0.000468 | " | 0.165 | <0.000468 | 59 | 30-130 | | | |
| Surrogate: Nitrobenzene-d5 | 39 | | " | 0.33 | 156 | 39 | 29-110 | | | |
| Surrogate: 2-Fluorobiphenyl | 37.2 | | " | 0.33 | 152 | 37.2 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 53 | | " | 0.33 | 188 | 53 | 33-122 | | | |

| LCS (LCS-L608881) | | Prepared: 04/05/2022 Analyzed: 04/06/2022 | | | | | | | | |
|--------------------------|--------|---|-------|-------|--|------|--------|--|--|--|
| Chrysene | 0.104 | 0.000624 | mg/Kg | 0.167 | | 62.2 | 30-130 | | | |
| Benzo(k)fluoranthene | 0.0955 | 0.000437 | " | 0.167 | | 57.1 | 30-130 | | | |
| Pyrene | 0.105 | 0.000643 | " | 0.167 | | 62.8 | 30-130 | | | |
| Naphthalene | 0.097 | 0.000484 | " | 0.167 | | 58 | 30-130 | | | |
| Indeno(1,2,3-cd)pyrene | 0.0851 | 0.000627 | " | 0.167 | | 50.9 | 30-130 | | | |
| Fluorene | 0.106 | 0.000286 | " | 0.167 | | 63.4 | 30-130 | | | |
| Benzo(b)fluoranthene | 0.0906 | 0.000585 | " | 0.167 | | 54.2 | 30-130 | | | |
| Dibenz(a,h)anthracene | 0.0926 | 0.000614 | " | 0.167 | | 55.4 | 30-130 | | | |
| 1-Methylnaphthalene | 0.0959 | 0.000364 | " | 0.167 | | 57.4 | 30-130 | | | |
| Benzo(a)pyrene | 0.0982 | 0.000468 | " | 0.167 | | 58.8 | 30-130 | | | |
| Benzo(a)anthracene | 0.109 | 0.000493 | " | 0.167 | | 65.2 | 30-130 | | | |
| Anthracene | 0.105 | 0.000334 | " | 0.167 | | 62.8 | 30-130 | | | |
| Acenaphthene | 0.101 | 0.000304 | " | 0.167 | | 60.4 | 30-130 | | | |
| 2-Methylnaphthalene | 0.097 | 0.000645 | " | 0.167 | | 58 | 30-130 | | | |

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - Branch #1-3

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

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

Batch L608881 - 3550B

LCS (LCS-L608881)

Prepared: 04/05/2022 Analyzed: 04/06/2022

| | | | | | | | | | | |
|-----------------------------|-------|----------|-------|-------|--|------|--------|--|--|--|
| Fluoranthene | 0.106 | 0.000394 | mg/Kg | 0.167 | | 63.4 | 30-130 | | | |
| Surrogate: Nitrobenzene-d5 | 46.2 | | " | 0.333 | | 46.2 | 29-110 | | | |
| Surrogate: 4-Terphenyl-d14 | 58.2 | | " | 0.333 | | 58.2 | 33-122 | | | |
| Surrogate: 2-Fluorobiphenyl | 54.9 | | " | 0.333 | | 54.9 | 33-115 | | | |

LRB (LRB-L608881)

Prepared: 04/05/2022 Analyzed: 04/06/2022

| | | | | | | | | | | |
|-----------------------------|------|---------|-------|-------|--|------|--------|--|--|--|
| Fluoranthene | ND | 0.00067 | mg/Kg | | | | - | | | |
| Benzo(a)pyrene | ND | 0.00067 | " | | | | - | | | |
| Pyrene | ND | 0.00067 | " | | | | - | | | |
| Naphthalene | ND | 0.00067 | " | | | | - | | | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | | | | - | | | |
| Fluorene | ND | 0.00067 | " | | | | - | | | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | | | | - | | | |
| Chrysene | ND | 0.00067 | " | | | | - | | | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | | | | - | | | |
| 1-Methylnaphthalene | ND | 0.00067 | " | | | | - | | | |
| Benzo(a)anthracene | ND | 0.00067 | " | | | | - | | | |
| Anthracene | ND | 0.00067 | " | | | | - | | | |
| Acenaphthene | ND | 0.00067 | " | | | | - | | | |
| 2-Methylnaphthalene | ND | 0.00067 | " | | | | - | | | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Surrogate: Nitrobenzene-d5 | 43.5 | | " | 0.333 | | 43.5 | 29-110 | | | |
| Surrogate: 4-Terphenyl-d14 | 50.7 | | " | 0.333 | | 50.7 | 33-122 | | | |
| Surrogate: 2-Fluorobiphenyl | 46.8 | | " | 0.333 | | 46.8 | 33-115 | | | |

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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Branch #1-3

Notes and Definitions

U Sample is Non-Detect.

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 at a wet weight basis.

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