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9/27/2024
Former Becca #D3-11
NESW S3 T3N R64W
Remediation #22098
Operator #100322

This groundwater monitoring summary has been prepared by ERM, Inc. for the former Becca #D3-11 location. Analytical results from Q1 2024 through Q3 2024 are summarized below.

1. SITE HISTORY AND BACKGROUND

On February 24, 2022, Chevron (formerly Noble Energy) proposed a site investigation following the cutting and capping of the former Becca #D3-11 wellhead and flowline abandonment in Form 27 Doc. #402965054. During this investigation, soil samples were collected and analyzed for total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene, total xylenes (BTEX), naphthalene, electrical conductivity (EC), sodium adsorption ratio (SAR), pH, and boron. A single groundwater grab sample was also collected and analyzed for BTEX and naphthalene.

During site assessment activities, summarized in Form 27 Doc. #403330017, four monitoring wells (MW-01, MW-02, MW-03, and MW-04) were installed to define the extent of groundwater impacts and to delineate the extent of soil impacts at the Becca #D3-11 Site. Based on the delineation soil sample analytical results, the previous consultant (Eagle Environmental [Eagle]) defined the area of impacted soils and approximately 170 cubic yards were excavated. Eagle collected confirmation soil samples from the walls and base of the excavation and analyzed them for TPH and organic compounds. Confirmation soil samples collected by Eagle were reported to be in compliance with Colorado Oil & Gas Conservation Commission (COGCC) Table 915-1 regulatory limits.

Groundwater samples from the four monitoring wells were analyzed for BTEX, naphthalene, 1,2,4-trimethylbenzene (1,2,4-TMB), 1,3,5-trimethylbenzene (1,3,5-TMB), 1-methylnaphthalene (1-MNA), 2-methylnaphthalene (2-MNA), and benzo(a)-anthracene. Based on the analytical results, quarterly groundwater monitoring was proposed at the Site. Quarterly groundwater monitoring has been ongoing at all four monitoring wells since Q4 2022. During the excavation, MW-01 and MW-02 were destroyed and replaced with MW-01R and MW-02R, which have been sampled quarterly since Q2-2023.

1.1 HISTORICAL DATA

1,2,4-TMB, 1,3,5-TMB, and 1-MNA were reported above their respective Colorado Energy and Carbon Management Commission (ECMC) Table 915-1 standards in the groundwater sample collected from MW-01 in Q4 2022. In addition, 1-MNA was reported above its Table 915-1 standard in the groundwater sample collected from MW-01R in Q2 2023. All other analytes have been reported either below their respective Table 915-1 standard, or below their respective laboratory reporting limit from all four wells since quarterly monitoring began. Analytical results are summarized in **Table 1**.

2. GROUNDWATER MONITORING ACTIVITIES

2.1 METHODOLOGY

Quarterly groundwater monitoring was conducted at four monitoring wells (MW-01R, MW-02R, MW-03, and MW-04) on January 11, 2024 (Q1 2024), April 10, 2024 (Q2 2024) and July 18, 2024 (Q3 2024). Four (4) groundwater samples were submitted to Origins Laboratory from each of the three sampling events for analysis for BTEX, naphthalene, 1,2,4-TMB, and 1,3,5-TMB by Environmental Protection Agency (EPA) method 8260D and for semi-volatile organic compounds (SVOCs) 1-MNA, 2-MNA, and benzo(a)-anthracene by EPA method 8270 SIM.

2.2 RESULTS

Historical and recent groundwater organic and SVOC analytical results are summarized in **Table 1**. Groundwater elevation data is summarized in **Table 2**. The laboratory analytical reports for the three most recent quarterly sampling events discussed herein are included in **Attachment A**.

2.2.1 Q1-2024

First quarter 2024 analytical results showed that organic compound concentrations complied with the applicable ECMC Table 915-1 regulatory standards at all four (4) monitoring wells sampled. All four monitoring well locations reported detections for 2-MNA but the concentrations were below the Table 915-1 regulatory standards.

Sample locations and corresponding organic analytical results for Q1 2024 are illustrated on **Figure 1**. Groundwater elevation data for Q1-2024 is illustrated on **Figure 4**.

2.2.2 Q2-2024

Second quarter 2024 analytical results showed that organic compound and SVOC concentrations complied with the applicable ECMC Table 915-1 regulatory standards at all four (4) monitoring wells sampled. No detections were reported in any of the groundwater samples collected from the four monitoring wells.

Monitoring well locations and corresponding organic analytical results for Q2 2024 are illustrated on **Figure 2**. Groundwater elevation data for Q2 2024 is illustrated on **Figure 5**.

2.2.3 Q3-2024

Third quarter 2024 analytical results showed that organic compound and SVOC concentrations complied with the applicable ECMC Table 915-1 regulatory standards at all four (4) monitoring wells sampled. No detections were reported in any of the groundwater samples collected from the four monitoring wells.

Monitoring locations and corresponding organic analytical results for Q3 2024 are illustrated on **Figure 3**. Groundwater elevation data for Q3 2024 is illustrated on **Figure 6**.

3. CURRENT REMEDIATION STRATEGY AND PATH FORWARD

Monitored Natural Attenuation (MNA) was selected as the remediation strategy for this Site during the third quarter 2023 until four consecutive quarters of compliant analytical results are reported from each of the four monitoring wells, at which point a No Further Assessment (NFA) may be requested. Since the sample results for all four monitoring wells have remained below the Table 915-1 Regulatory Standards for the last five quarterly monitoring events (Q3 2023 through Q3 2024), Chevron proposes that NFA status be granted by ECMC for Remediation Project #22098.

Fourth quarter 2024 groundwater sampling will be conducted at all four monitoring wells in October 2024 while ECMC evaluates the NFA request.

TABLE 1
SUMMARY OF GROUNDWATER ELEVATION DATA AND ORGANIC CHEMISTRY DATA
BECCA #D3-11
COLORADO

| Sample ID | Sampling Event Quarter and Year | Sample Date | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Xylenes (µg/L) | Naphthalene (µg/L) | 1,2,4- Trimethylbenzene (µg/L) | 1,3,5- Trimethylbenzene (µg/L) | 1-Methylnaphthalene (µg/L) | 2-Methylnaphthalene (µg/L) | Benzo(a)anthracene (µg/L) | TOC Elevation (ft) | Depth to Groundwater Below TOC (ft) | Groundwater Elevation (ft) |
|-------------------------|------------------------------------|-------------|-------------------|-------------------|------------------------|-------------------|-----------------------|--------------------------------------|--------------------------------------|-------------------------------|-------------------------------|------------------------------|-----------------------|--|----------------------------------|
| ECMC Table 915-1 Limits | | | 5 | 560 | 700 | 1400 | 140 | 67 | 67 | 1.1 | 3.6 | NE | | | |
| 22098-MW-01 | 4Q 2022 | 10/25/2022 | <1.0 | <1.0 | 3.78 | 52.6 | 32.2 | 782 | 387 | 154 | NA | NA | 99.51 | 13.88 | 85.63 |
| 22098-MW-01R | 1Q 2023 | 04/17/2023 | <1.0 | <1.0 | 1.92 | 3.84 | <2.0 | <2.0 | <2.0 | 1.21 | 0.0258 | <0.02 | 99.83 | 14.42 | 85.41 |
| | 2Q 2023 | 07/03/2023 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | 0.039 | <0.02 | <0.02 | 99.83 | 13.36 | 86.47 |
| | 3Q 2023 | 10/04/2023 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | <0.2 | <0.5 | 99.83 | 12.82 | 87.01 |
| | 1Q 2024 | 01/11/2024 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | 0.223 | <0.5 | 99.83 | 12.99 | 86.84 |
| | 2Q 2024 | 04/10/2024 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | <0.2 | <0.5 | 99.83 | 12.96 | 86.87 |
| | 3Q 2024 | 07/18/2024 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | <0.2 | NA | 99.83 | 13.20 | 86.63 |
| 22098-MW-02 | 4Q 2022 | 10/25/2022 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | 0.041 | NA | NA | 99.54 | 13.93 | 85.61 |
| 22098-MW-02R | 1Q 2023 | 04/17/2023 | <1.0 | <1.0 | 2.16 | 15.4 | <2.0 | <2.0 | <2.0 | 0.009 | <0.02 | <0.02 | 99.91 | 14.50 | 85.41 |
| | 2Q 2023 | 07/03/2023 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.02 | <0.02 | <0.02 | 99.91 | 13.47 | 86.44 |
| | 3Q 2023 | 10/04/2023 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | <0.2 | <0.5 | 99.91 | 12.81 | 87.10 |
| | 1Q 2024 | 01/11/2024 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | 0.244 | <0.5 | 99.91 | 13.02 | 86.89 |
| | 2Q 2024 | 04/10/2024 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | <0.2 | <0.5 | 99.91 | 12.97 | 86.94 |
| | 3Q 2024 | 07/18/2024 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | <0.2 | NA | 99.91 | 13.19 | 86.72 |
| 22098-MW-03 | 4Q 2022 | 10/25/2022 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.1 | NA | NA | 100.00 | 14.50 | 85.50 |
| | 1Q 2023 | 04/17/2023 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.02 | <0.02 | <0.02 | 100.00 | 13.61 | 86.39 |
| | 2Q 2023 | 07/03/2023 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.02 | <0.02 | <0.02 | 100.00 | 12.60 | 87.40 |
| | 3Q 2023 | 10/04/2023 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | <0.2 | <0.5 | 100.00 | 11.96 | 88.04 |
| | 1Q 2024 | 01/11/2024 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | 0.217 | <0.5 | 100.00 | 13.14 | 86.86 |
| | 2Q 2024 | 04/10/2024 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | <0.2 | <0.5 | 100.00 | 12.10 | 87.90 |
| 22098-MW-04 | 3Q 2024 | 07/18/2024 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | <0.2 | NA | 100.00 | 12.32 | 87.68 |
| | 4Q 2022 | 10/25/2022 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.1 | NA | NA | 99.50 | 13.81 | 85.69 |
| | 1Q 2023 | 04/17/2023 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.02 | <0.02 | <0.02 | 99.50 | 14.32 | 85.18 |
| | 2Q 2023 | 07/03/2023 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.02 | <0.02 | <0.02 | 99.50 | 13.99 | 85.51 |
| | 3Q 2023 | 10/04/2023 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | <0.2 | <0.5 | 99.50 | 12.64 | 86.86 |
| | 1Q 2024 | 01/11/2024 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | 0.220 | <0.5 | 99.50 | 12.81 | 86.69 |
| | 2Q 2024 | 04/10/2024 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | <0.2 | <0.5 | 99.50 | 12.81 | 86.69 |
| | 3Q 2024 | 07/18/2024 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <2.0 | <2.0 | <0.2 | <0.2 | NA | 99.50 | 13.01 | 86.49 |

Table 1
SUMMARY OF GROUNDWATER DATA AND ORGANIC CHEMISTRY DATA
BECCA #D3-11
COLORADO

Notes:
CO-ECMC-HH-WG = Groundwater Screening Levels - Human Health Based

| | |
|------|---|
| 782 | Result exceeds CO-ECMC-HH-WG |
| <1.0 | Result not detected at laboratory reporting limit |

µg/L = micrograms per liter
NA = not analyzed
NE = not established
TOC = Top of Casing
Groundwater Elevation (ft) = relative to TOC

TABLE 2
SUMMARY OF WATER LEVEL ELEVATIONS
BECCA #D 3-11
COLORADO

| Well | Measurement Date | Top of Casing (TOC) Elevation (ft) | Depth to Water (ft) | Groundwater Elevation (ft) |
|--------|------------------|---------------------------------------|---------------------|-------------------------------|
| MW-01 | 10/25/2022 | 99.51 | 13.88 | 85.63 |
| MW-01R | 04/17/2023 | 99.83 | 14.42 | 85.41 |
| | 07/03/2023 | 99.83 | 13.36 | 86.47 |
| | 10/04/2023 | 99.83 | 12.82 | 87.01 |
| | 01/11/2024 | 99.83 | 12.99 | 86.84 |
| | 04/10/2024 | 99.83 | 12.96 | 86.87 |
| | 07/18/2024 | 99.83 | 13.20 | 86.63 |
| MW-02 | 10/25/2022 | 99.54 | 13.93 | 85.61 |
| MW-02R | 04/17/2023 | 99.91 | 14.50 | 85.41 |
| | 07/03/2023 | 99.91 | 13.47 | 86.44 |
| | 10/04/2023 | 99.91 | 12.81 | 87.10 |
| | 01/11/2024 | 99.91 | 13.02 | 86.89 |
| | 04/10/2024 | 99.91 | 12.97 | 86.94 |
| | 07/18/2024 | 99.91 | 13.19 | 86.72 |
| MW-03 | 10/25/2022 | 100.00 | 14.50 | 85.50 |
| | 04/17/2023 | 100.00 | 13.61 | 86.39 |
| | 07/03/2023 | 100.00 | 12.60 | 87.40 |
| | 10/04/2023 | 100.00 | 11.96 | 88.04 |
| | 01/11/2024 | 100.00 | 13.14 | 86.86 |
| | 04/10/2024 | 100.00 | 12.10 | 87.90 |
| MW-04 | 07/18/2024 | 100.00 | 12.32 | 87.68 |
| | 10/25/2022 | 99.50 | 13.81 | 85.69 |
| | 04/17/2023 | 99.50 | 14.32 | 85.18 |
| | 07/03/2023 | 99.50 | 13.99 | 85.51 |
| | 10/04/2023 | 99.50 | 12.64 | 86.86 |
| | 01/11/2024 | 99.50 | 12.81 | 86.69 |
| | 04/10/2024 | 99.50 | 12.81 | 86.69 |
| | 07/18/2024 | 99.50 | 13.01 | 86.49 |

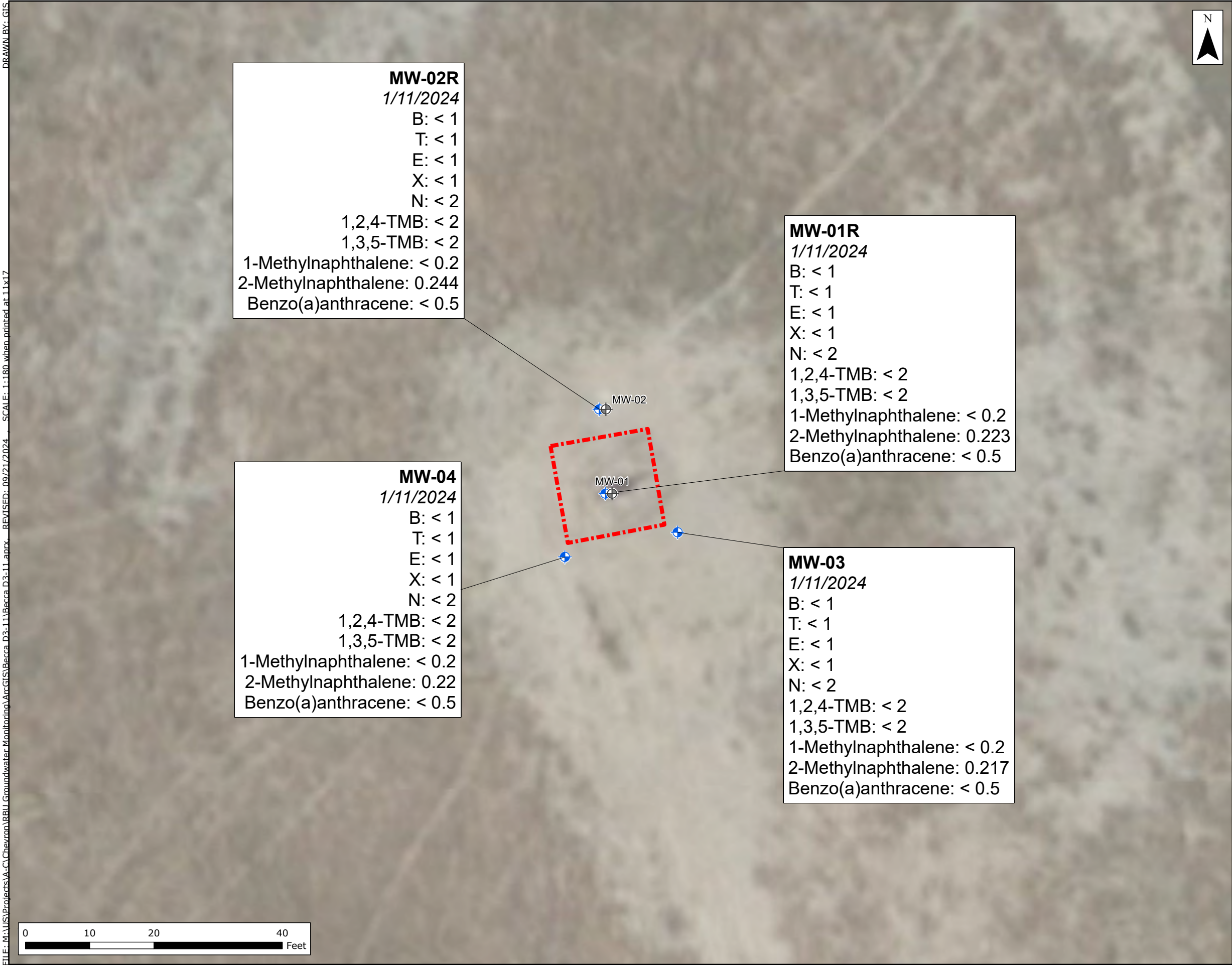
Table 2
SUMMARY OF WATER LEVEL ELEVATIONS
BECCA #D 3-11
COLORADO

Notes:

ft = feet

TOC = Top of Casing

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Legend

- Approximate Monitoring Well Location
- Destroyed Monitoring Well Location
- Excavated Area Boundary

Notes:
Results are in micrograms per liter (µg/L)

Wells were installed to delineate soil impacts with soil being excavated in Q1-2023.

< = detected below analyte reporting limit

Benzene (limit = 5 µg/L)
Toluene (limit = 560 µg/L)
Ethylbenzene (limit = 700 µg/L)
Total Xylenes (limit = 1400 µg/L)
Naphthalene (limit = 140 µg/L)
1,2,4-TMB (limit = 67 µg/L)
1,3,5-TMB (limit = 67 µg/L)
1-Methylnaphthalene (limit = 1.1 µg/L)
2-Methylnaphthalene (limit = 3.6 µg/L)
Benzo(a)-anthracene (limit = 0.16 µg/L)

B = Benzene
E = Ethylbenzene
N = Naphthalene
T = Toluene
X = Total Xylenes
1,2,4-TMB = 1,2,4-Trimethylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene

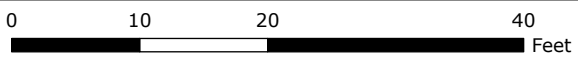
Values presented in **Bold** exceed the ECMC table 915-1 cleanup concentrations for that compound.

ECMC = Energy and Carbon Management Commission

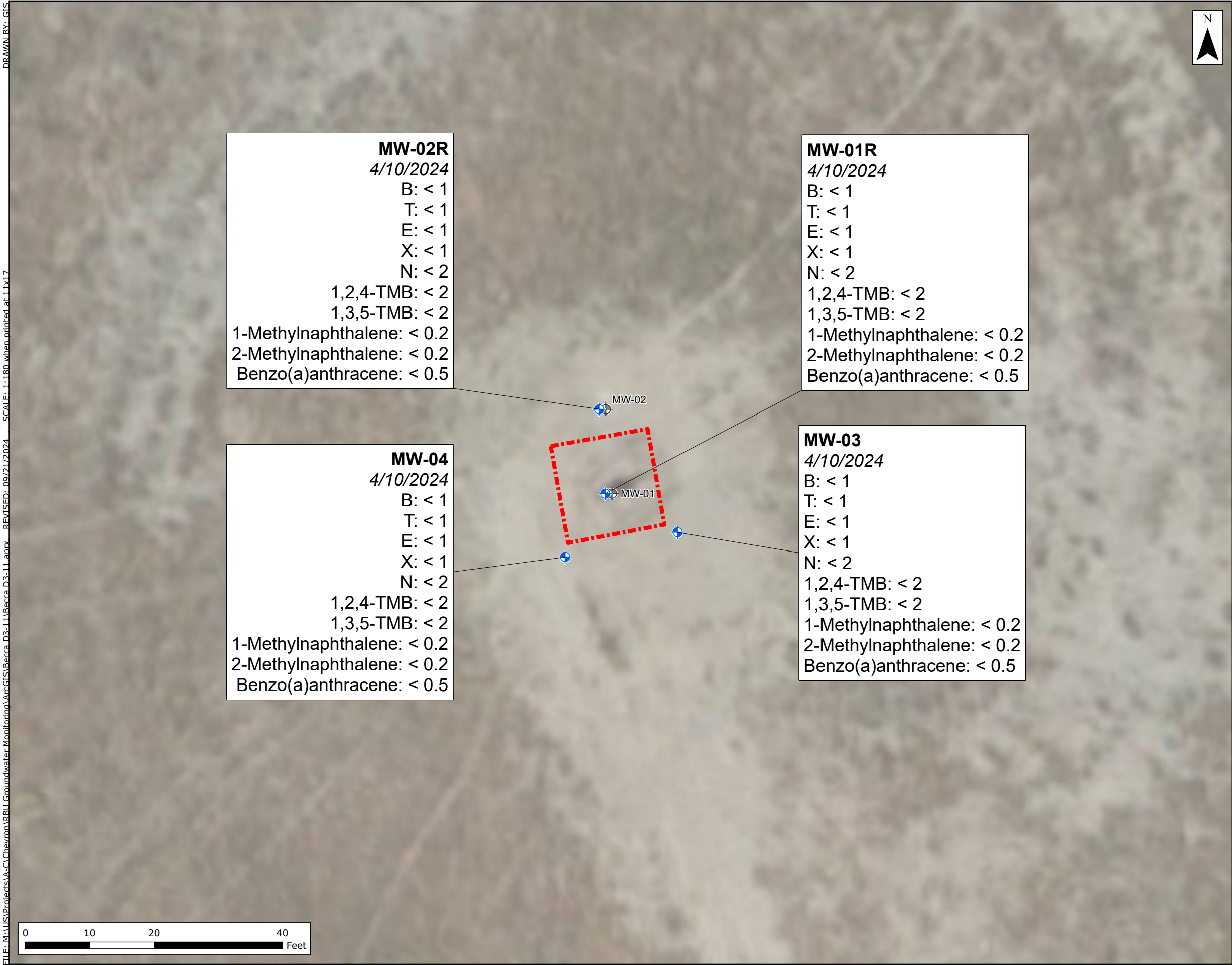
MW-01 and MW-02 were destroyed and replaced with MW-01R and MW-02R.

ECMC Regulatory Limits in Groundwater have not been established for 1-Methylnaphthalene and 2-Methylnaphthalene. ECMC implements a narrative groundwater quality standard taken from the Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) For tapwater, as incorporated by reference in Rule 90 1.B, tables for target risk (Ir)=1x10⁻⁶ and target hazard quotient (Ihq)=0.1. The EPA RSL For tapwater, and resultant narrative groundwater quality standard for 1-Methylnaphthalene and 2-Methylnaphthalene are 1.1 and 3.6 µg/L, respectively.

Figure 1
Groundwater Analytical Map
Q1 2024
Becca D3-11
Site Rem #22098
Operator #100322
40.2523°N, 104.5394°W



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Legend

- Approximate Monitoring Well Location
- Destroyed Monitoring Well Location
- Excavated Area Boundary

Notes:
Results are in micrograms per liter (µg/L)

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Ethylbenzene (limit = 700 µg/L)
Total Xylenes (limit = 1400 µg/L)
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1,2,4-TMB (limit = 67 µg/L)
1,3,5-TMB (limit = 67 µg/L)
1-Methylnaphthalene (limit = 1.1 µg/L)
2-Methylnaphthalene (limit = 3.6 µg/L)
Benzo(a)-anthracene (limit = 0.16 µg/L)

B = Benzene
E = Ethylbenzene
N = Naphthalene
T = Toulene
X = Total Xylenes
1,2,4-TMB = 1,2,4-Trimethylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene

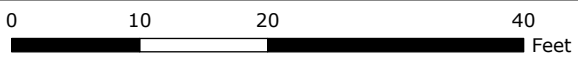
Values presented in **Bold** exceed the ECMC table 915-1 cleanup concentrations for that compound.

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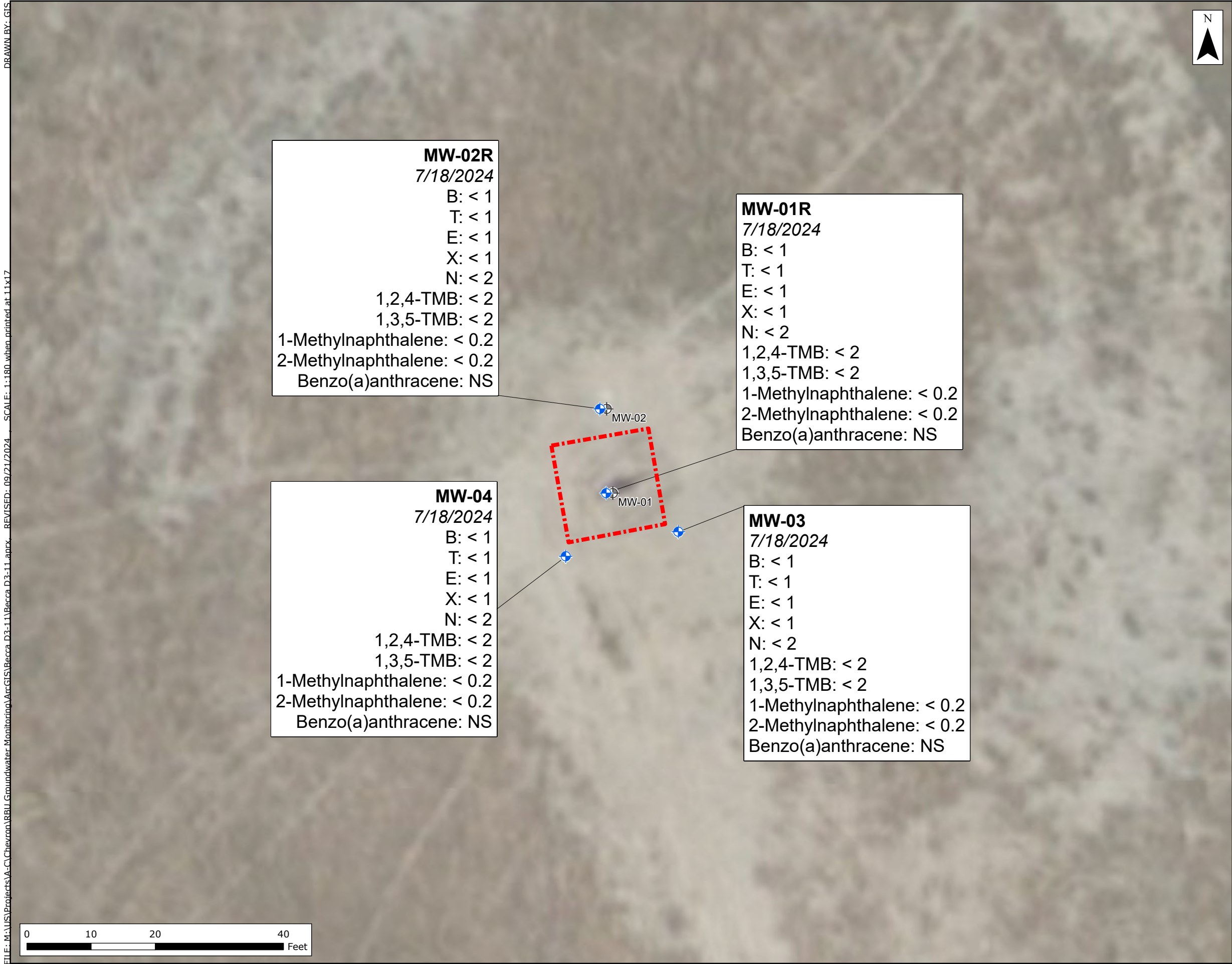
MW-01 and MW-02 were destroyed and replaced with MW-01R and MW-02R.

ECMC Regulatory Limits in Groundwater have not been established for 1-Methylnaphthalene and 2-Methylnaphthalene. ECMC implements a narrative groundwater quality standard taken from the Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) For tapwater, as incorporated by reference in Rule 90 1.B, tables for target risk (Ir")=1x10~ -6 and target hazard quotient (Ihq")=0.1. The EPA RSL For tapwater, and resultant narrative groundwater quality standard for 1-Methylnaphthalene and 2-Methylnaphthalene are 1.1 and 3.6 µg/L, respectively.

Figure 2
Groundwater Analytical Map
Q2 2024
Becca D3-11
Site Rem #22098
Operator #100322
40.2523°N, 104.5394°W



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Legend

- Approximate Monitoring Well Location
- Destroyed Monitoring Well Location
- Excavated Area Boundary

Notes:
Results are in micrograms per liter (µg/L)

Wells were installed to delineate soil impacts with soil being excavated in Q1-2023.

< = detected below analyte reporting limit

Benzene (limit = 5 µg/L)
Toluene (limit = 560 µg/L)
Ethylbenzene (limit = 700 µg/L)
Total Xylenes (limit = 1400 µg/L)
Naphthalene (limit = 140 µg/L)
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1,3,5-TMB (limit = 67 µg/L)
1-Methylnaphthalene (limit = 1.1 µg/L)
2-Methylnaphthalene (limit = 3.6 µg/L)
Benzo(a)-anthracene (limit = 0.16 µg/L)

B = Benzene
E = Ethylbenzene
N = Naphthalene
T = Toulene
X = Total Xylenes
1,2,4-TMB = 1,2,4-Trimethylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene

Values presented in **Bold** exceed the ECMC table 915-1 cleanup concentrations for that compound.

ECMC = Energy and Carbon Management Commission

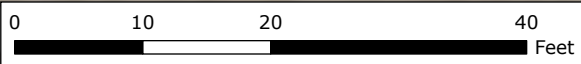
MW-01 and MW-02 were destroyed and replaced with MW-01R and MW-02R.

ECMC Regulatory Limits in Groundwater have not been established for 1-Methylnaphthalene and 2-Methylnaphthalene. ECMC implements a narrative groundwater quality standard taken from the Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) For tapwater, as incorporated by reference in Rule 90 1.B, tables for target risk (Ir")=1x10~ -6 and target hazard quotient (Ihq")=0.1. The EPA RSL For tapwater, and resultant narrative groundwater quality standard for 1-Methylnaphthalene and 2-Methylnaphthalene are 1.1 and 3.6 µg/L, respectively.

Figure 3
Groundwater Analytical Map
Q3 2024
Becca D3-11
Site Rem #22098
Operator #100322
40.2523°N, 104.5394°W



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Legend

- Approximate Monitoring Well Location
- Destroyed Monitoring Well Location
- Groundwater Flow Direction
- Groundwater Elevation Contour (ft)
- 86.69 Relative Groundwater Elevation
- Excavated Area Boundary

Notes:
Groundwater elevation data was collected on 1/11/2024.

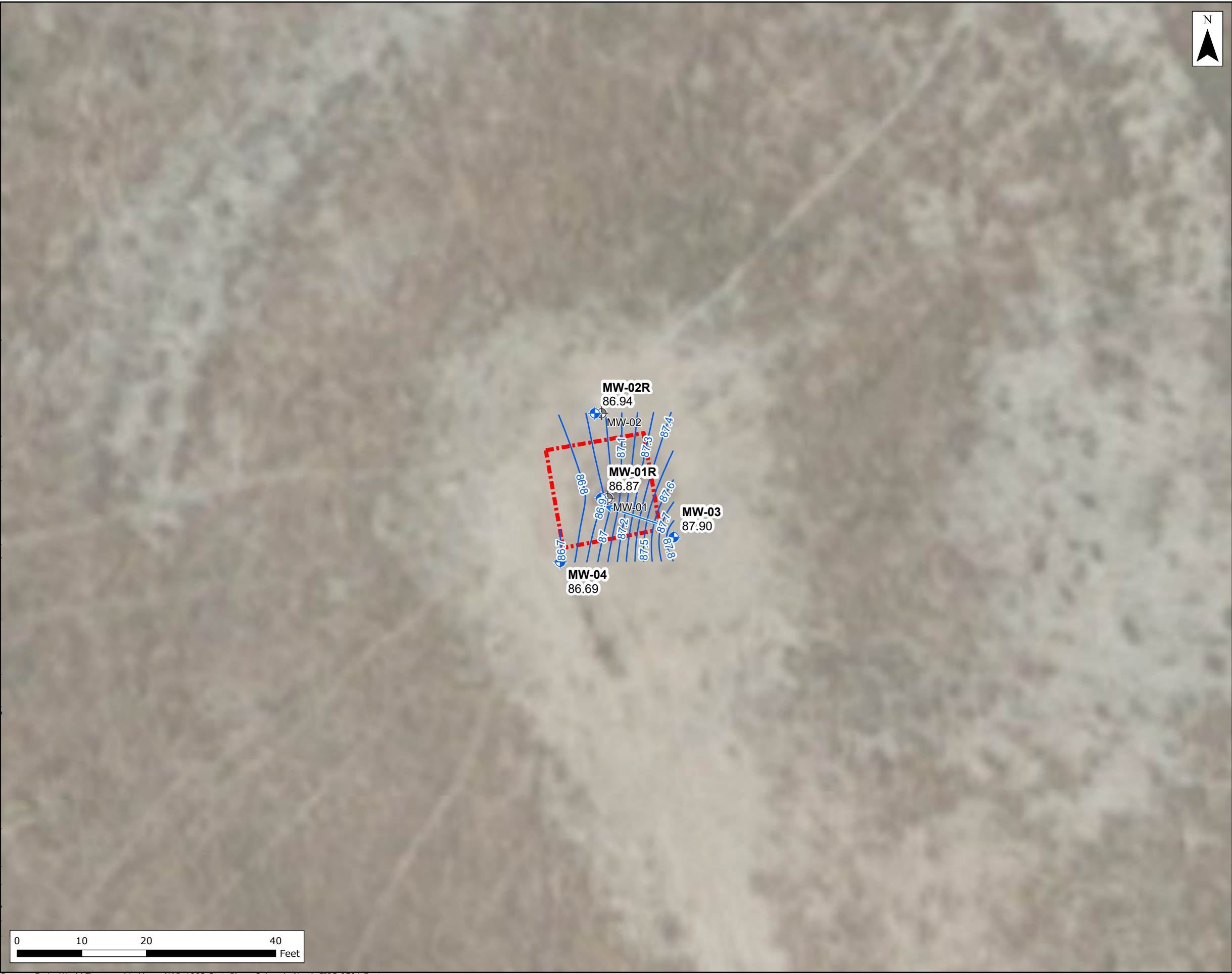
Elevation values are in feet.

Hydraulic Gradient (MW-03 to MW-04):
0.0095 ft/ft

Figure 4
Groundwater Elevation Map
Q1 2024
Becca D3-11
Site Rem #22098
Operator #100322
40.2523°N, 104.5394°W



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Legend

- Approximate Monitoring Well Location
- Destroyed Monitoring Well Location
- Groundwater Flow Direction
- Groundwater Elevation Contour (ft)
- 86.69 Relative Groundwater Elevation
- Excavated Area Boundary

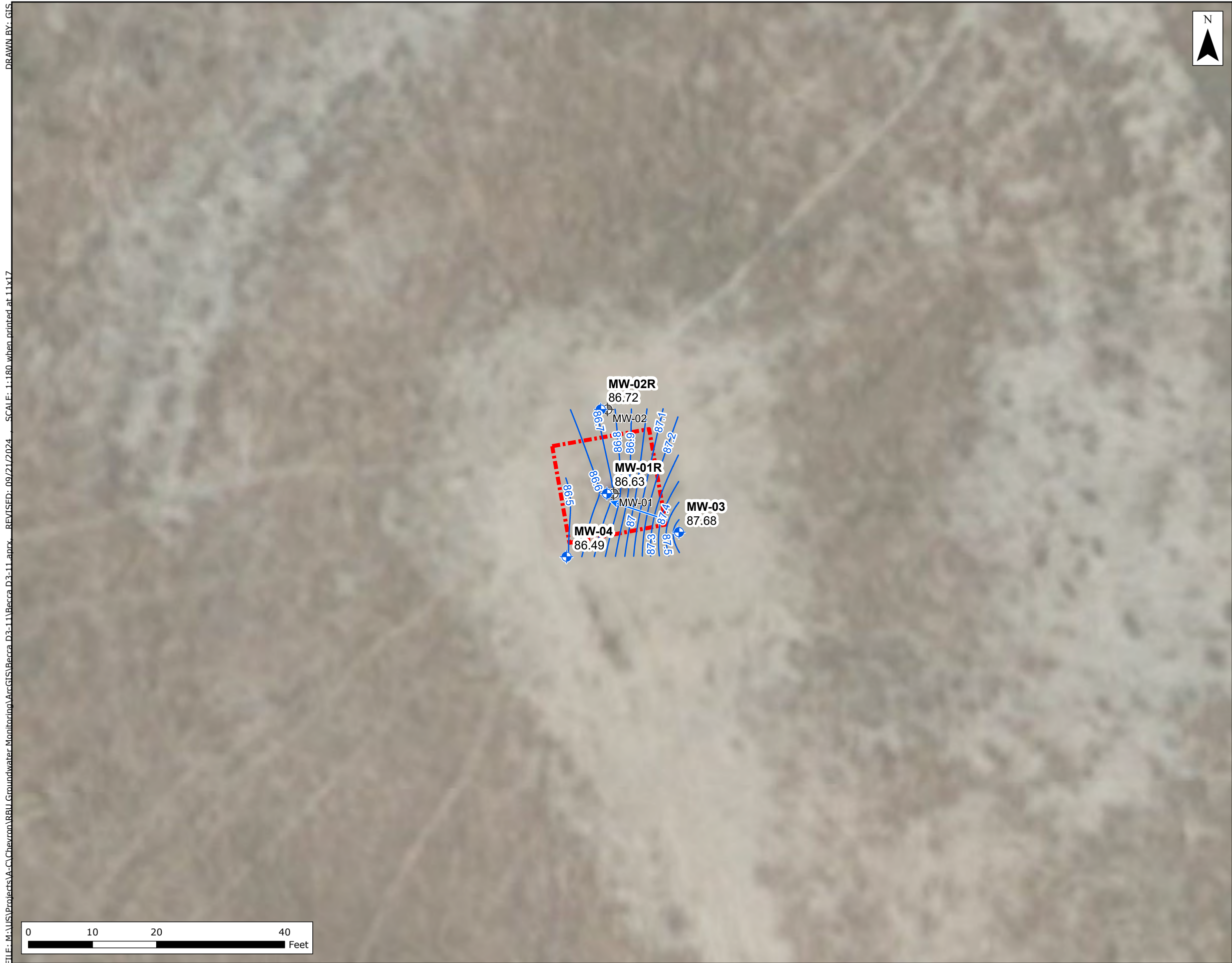
Notes:
Groundwater elevation data was collected on 4/10/2024.

Elevation values are in feet.

Hydraulic Gradient (MW-03 to MW-04): 0.067 ft/ft

Figure 5
Groundwater Elevation Map
Q2 2024
Becca D3-11
Site Rem #22098
Operator #100322
40.2523°N, 104.5394°W





Legend

- Approximate Monitoring Well Location
- Destroyed Monitoring Well Location
- Groundwater Flow Direction
- Groundwater Elevation Contour (ft)
- 86.72 Relative Groundwater Elevation
- Excavated Area Boundary

Notes:
Groundwater elevation data was collected on 7/18/2024.

Elevation values are in feet.

Hydraulic Gradient (MW-03 to MW-04): 0.066 ft/ft

Figure 6
Groundwater Elevation Map
Q3 2024
Becca D3-11
Site Rem #22098
Operator #100322
40.2523°N, 104.5394°W





January 22, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Becca #D 3-11

Project Number - [none]

Attached are your analytical results for Noble - Becca #D 3-11 received by Origins Laboratory, Inc. January 11, 2024. This project is associated with Origins project number Y401293-01.

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

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

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

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

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

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



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|------------------------|------------------|
| MW-01R | Y401293-01 | Water | January 11, 2024 12:30 | 01/11/2024 17:03 |
| MW-02R | Y401293-02 | Water | January 11, 2024 12:40 | 01/11/2024 17:03 |
| MW-03 | Y401293-03 | Water | January 11, 2024 12:45 | 01/11/2024 17:03 |
| MW-04 | Y401293-04 | Water | January 11, 2024 12:55 | 01/11/2024 17:03 |

Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

[illegible]

Origins Laboratory, Inc.

Byron

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4401293

Client: Eagle

Client Project ID: Becca D 3-11

Checklist Completed by: EHS

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

Date/time completed: 1/11/24

Airbill #: N/A

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

Cooler Number/Temperature: 1/23 °C 1 °C 1 °C 1 °C

Thermometer ID: 7004

| Requirement Description | Yes | No | N/A | Comments (if any) |
|---|-------------------------------------|-------------------------------------|--------------------------|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is there ice present (document if blue ice is used) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are custody seals present on cooler? (If so, document in comments if they are signed and dated, broken or intact) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are custody seals present on each sample container? (If so, document in comments if they are signed and dated, broken or intact) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Were all samples received intact ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are samples preserved that require preservation and was it checked ⁽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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <u>NC</u> |
| 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 1/15/24

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-01R

1/11/2024 12:30:00PM

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

Origins Laboratory, Inc.
Y401293-01 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4A1237 | JSM | 01/12/2024 | 01/14/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Benzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Toluene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | JSM | " | " | U |

| | | | | | |
|----------------------------------|--------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 95.1 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8 | 101 % | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 91.0 % | 70-130 | " | " | " |

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-02R

1/11/2024 12:40:00PM

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

Origins Laboratory, Inc.
Y401293-02 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4A1237 | JSM | 01/12/2024 | 01/14/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Benzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Toluene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | JSM | " | " | U |

| | | | | | |
|----------------------------------|--------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 94.5 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8 | 100 % | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 94.2 % | 70-130 | " | " | " |

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-03

1/11/2024 12:45:00PM

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

Origins Laboratory, Inc.
Y401293-03 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4A1237 | JSM | 01/12/2024 | 01/14/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Benzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Toluene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | JSM | " | " | U |

| | | | | | |
|----------------------------------|--------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 95.5 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8 | 100 % | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 92.4 % | 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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-04

1/11/2024 12:55:00PM

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

Origins Laboratory, Inc.
Y401293-04 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4A1237 | JSM | 01/12/2024 | 01/14/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Benzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Toluene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | JSM | " | " | U |

| | | | | | |
|----------------------------------|--------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 95.1 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8 | 99.5 % | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 89.8 % | 70-130 | " | " | " |

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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 B4A1237 - EPA 5030B (Water) | | | | | | | | | | |
| Blank (B4A1237-BLK1) | | | | | Prepared: 01/12/2024 Analyzed: 01/14/2024 | | | | | |
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | | | | | | | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | | | | | | | U |
| Benzene | ND | 1.00 | " | | | | | | | U |
| Ethylbenzene | ND | 1.00 | " | | | | | | | U |
| Naphthalene | ND | 2.00 | " | | | | | | | U |
| Toluene | ND | 1.00 | " | | | | | | | U |
| Xylenes, total | ND | 1.00 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 59 | | " | 62.5 | | 95.1 | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 99.6 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 59 | | " | 62.5 | | 94.3 | 70-130 | | | |

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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 B4A1237 - EPA 5030B (Water) | | | | | | | | | | |
| LCS (B4A1237-BS1) | | | | | Prepared: 01/12/2024 Analyzed: 01/14/2024 | | | | | |
| 1,2,4-Trimethylbenzene | 45.3 | 2.00 | ug/L | 50.0 | | 90.6 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 45.1 | 2.00 | " | 50.0 | | 90.1 | 70-130 | | | |
| Benzene | 42.6 | 1.00 | " | 50.0 | | 85.2 | 70-130 | | | |
| Ethylbenzene | 40.2 | 1.00 | " | 50.0 | | 80.3 | 70-130 | | | |
| m,p-Xylene | 83.1 | 2.00 | " | 100 | | 83.1 | 70-130 | | | |
| Naphthalene | 43.2 | 2.00 | " | 50.0 | | 86.3 | 70-130 | | | |
| o-Xylene | 42.6 | 1.00 | " | 50.0 | | 85.2 | 70-130 | | | |
| Toluene | 42.4 | 1.00 | " | 50.0 | | 84.7 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 58 | | " | 62.5 | | 93.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | 63 | | " | 62.5 | | 100 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 60 | | " | 62.5 | | 96.2 | 70-130 | | | |

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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 B4A1237 - EPA 5030B (Water)

| Matrix Spike (B4A1237-MS1) | | Source: Y401254-01 | | | Prepared: 01/12/2024 Analyzed: 01/14/2024 | | | | | |
|----------------------------------|------|--------------------|------|------|---|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 54.5 | 2.00 | ug/L | 50.0 | 0.490 | 108 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 55.8 | 2.00 | " | 50.0 | 0.170 | 111 | 70-130 | | | |
| Benzene | 49.2 | 1.00 | " | 50.0 | 1.49 | 95.4 | 70-130 | | | |
| Ethylbenzene | 52.6 | 1.00 | " | 50.0 | 0.130 | 105 | 70-130 | | | |
| m,p-Xylene | 105 | 2.00 | " | 100 | ND | 105 | 70-130 | | | |
| Naphthalene | 61.4 | 2.00 | " | 50.0 | 0.260 | 122 | 70-130 | | | |
| o-Xylene | 53.9 | 1.00 | " | 50.0 | 0.190 | 107 | 70-130 | | | |
| Toluene | 50.1 | 1.00 | " | 50.0 | ND | 100 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 62 | | " | 62.5 | | 99.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 66 | | " | 62.5 | | 105 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 60 | | " | 62.5 | | 95.4 | 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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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 B4A1237 - EPA 5030B (Water) | | | | | | | | | | |
| Matrix Spike Dup (B4A1237-MSD1) | Source: Y401254-01 | | | | Prepared: 01/12/2024 Analyzed: 01/14/2024 | | | | | |
| 1,2,4-Trimethylbenzene | 56.0 | 2.00 | ug/L | 50.0 | 0.490 | 111 | 70-130 | 2.75 | 20 | |
| 1,3,5-Trimethylbenzene | 56.7 | 2.00 | " | 50.0 | 0.170 | 113 | 70-130 | 1.67 | 20 | |
| Benzene | 51.7 | 1.00 | " | 50.0 | 1.49 | 100 | 70-130 | 4.94 | 20 | |
| Ethylbenzene | 53.2 | 1.00 | " | 50.0 | 0.130 | 106 | 70-130 | 1.17 | 20 | |
| m,p-Xylene | 107 | 2.00 | " | 100 | ND | 107 | 70-130 | 2.15 | 20 | |
| Naphthalene | 70.2 | 2.00 | " | 50.0 | 0.260 | 140 | 70-130 | 13.5 | 20 | QM-07 |
| o-Xylene | 56.6 | 1.00 | " | 50.0 | 0.190 | 113 | 70-130 | 4.93 | 20 | |
| Toluene | 52.8 | 1.00 | " | 50.0 | ND | 106 | 70-130 | 5.19 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 62 | | " | 62.5 | | 98.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 67 | | " | 62.5 | | 107 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 61 | | " | 62.5 | | 97.4 | 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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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



January 22, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Becca #D 3-11

Project Number - [none]

Attached are your analytical results for Noble - Becca #D 3-11 received by Origins Laboratory, Inc. January 11, 2024. This project is associated with Origins project number Y401294-01.

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

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

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

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

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

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



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|------------------------|------------------|
| MW-01R | Y401294-01 | Water | January 11, 2024 12:30 | 01/11/2024 17:03 |
| MW-02R | Y401294-02 | Water | January 11, 2024 12:40 | 01/11/2024 17:03 |
| MW-03 | Y401294-03 | Water | January 11, 2024 12:45 | 01/11/2024 17:03 |
| MW-04 | Y401294-04 | Water | January 11, 2024 12:55 | 01/11/2024 17:03 |

Chain of Custody Replacement Request

On 1/12/2024, Grace Congdon from Eagle Environmental contacted Jordan Bynon via email regarding Y401294 requesting that the correct analyses be added to the chain of custody. Requested modifications to the chain of custody were made by Jordan Bynon on 1/12/2024 and modified chain of custody is included in the final report.

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

www.originslaboratory.com page of

ORIGINS LABORATORY, INC

Client: Eagle Environmental Consulting
Address: 8000 W 44th Ave
Telephone Number: 303-433-1322
Email Address: anewberry@eagle-env.com

Project Manager: Andrew Newberry
Project Name: Becca #D 3-11
Project Number: 111124
Samples Collected By: HN

| Sample ID Description | Date Sampled | Time Sampled | # of Containers | Preservative | | | | Matrix | | | Analysis | Sample Instructions |
|-----------------------|--------------|--------------|-----------------|--------------|-----|------------------|-------|-------------|------|----------------------|---|---------------------|
| | | | | Unpreserved | HCl | HNO ₃ | Other | Groundwater | Soil | As Summa Container # | | |
| MW-01R | 1/11/24 | 12:30 | 3 | X | | | | X | | | 1- Analyte: <u>MTA</u> 2- Analyte: <u>MTA</u> 3- Analyte: <u>MTA</u> 4- Analyte: <u>MTA</u> 5- Analyte: <u>MTA</u> 6- Analyte: <u>MTA</u> 7- Analyte: <u>MTA</u> 8- Analyte: <u>MTA</u> 9- Analyte: <u>MTA</u> 10- Analyte: <u>MTA</u> | 1 |
| MW-02R | 1/11/24 | 12:40 | | | | | | | | | | 2 |
| MW-03 | 1/11/24 | 12:45 | | | | | | | | | | 3 |
| MW-04 | 1/11/24 | 12:55 | | | | | | | | | | 4 |
| | | | | | | | | | | | | 5 |
| | | | | | | | | | | | | 6 |
| | | | | | | | | | | | | 7 |
| | | | | | | | | | | | | 8 |
| | | | | | | | | | | | | 9 |
| | | | | | | | | | | | | 10 |

Relinquished By: Andrew Newberry Date: 1/11/24 Time: 12:03
Relinquished By: Becca #D 3-11 Date: 1/11/24 Time: 12:03

Temp Received: 2.3 Date Results Needed: 1/11/24

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 1401294

Client: Eagle

Client Project ID: Becca D 3-11

Checklist Completed by: EHS

Shipped Via: HO

Date/time completed: 1/11/24

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

Airbill #: N/A

Matrix(s) Received: (Check all that apply):

Soil/Solid ☒

Water ☐

Other: ☐

Cooler Number/Temperature: 1/23 °C

/

°C

/

°C

/

°C

(Describe)

Thermometer ID: 1004

| 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"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is there ice present (document if blue ice is used) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Were all samples received intact ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are samples preserved that require preservation and was it checked ⁽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"/> | <input type="checkbox"/> | <input type="checkbox"/> | NC |
| 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)

Date/Time Reviewed 1/15/24

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-01R

1/11/2024 12:30:00PM

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

Origins Laboratory, Inc.
Y401294-01 (Water)

PAH by EPA 8270E

| | | | | | | | | | |
|----------------------|--------------|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | 1 | B4A1601 | Windo | 01/16/2024 | 01/16/2024 | U |
| 2-Methylnaphthalene | 0.223 | 0.200 | " | " | " | Windo | " | " | |
| Benzo (a) anthracene | ND | 0.500 | " | " | " | Windo | " | " | U |

| | | | | | | | |
|---------------------------------|--------|--------|--|--|---|---|---|
| Surrogate: Fluorene-d10 | 99.8 % | 60-130 | | | " | " | " |
| Surrogate: Anthracene-d10 | 84.8 % | 60-130 | | | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 102 % | 60-130 | | | " | " | " |
| Surrogate: Pyrene-d10 | 92.9 % | 60-130 | | | " | " | " |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-02R

1/11/2024 12:40:00PM

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

Origins Laboratory, Inc.
Y401294-02 (Water)

PAH by EPA 8270E

| | | | | | | | | | |
|----------------------|--------------|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | 1 | B4A1601 | Windo | 01/16/2024 | 01/16/2024 | U |
| 2-Methylnaphthalene | 0.244 | 0.200 | " | " | " | Windo | " | " | |
| Benzo (a) anthracene | ND | 0.500 | " | " | " | Windo | " | " | U |

| | | | | | | | |
|---------------------------------|--------|--------|--|--|---|---|---|
| Surrogate: Fluorene-d10 | 98.8 % | 60-130 | | | " | " | " |
| Surrogate: Anthracene-d10 | 85.3 % | 60-130 | | | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 99.1 % | 60-130 | | | " | " | " |
| Surrogate: Pyrene-d10 | 93.1 % | 60-130 | | | " | " | " |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-03

1/11/2024 12:45:00PM

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

Origins Laboratory, Inc.
Y401294-03 (Water)

PAH by EPA 8270E

| | | | | | | | | | |
|----------------------|--------------|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | 1 | B4A1601 | Windo | 01/16/2024 | 01/16/2024 | U |
| 2-Methylnaphthalene | 0.217 | 0.200 | " | " | " | Windo | " | " | |
| Benzo (a) anthracene | ND | 0.500 | " | " | " | Windo | " | " | U |

| | | | | | | | |
|---------------------------------|--------|--------|--|--|---|---|---|
| Surrogate: Fluorene-d10 | 100 % | 60-130 | | | " | " | " |
| Surrogate: Anthracene-d10 | 80.8 % | 60-130 | | | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 100 % | 60-130 | | | " | " | " |
| Surrogate: Pyrene-d10 | 93.3 % | 60-130 | | | " | " | " |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-04

1/11/2024 12:55:00PM

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

Origins Laboratory, Inc.
Y401294-04 (Water)

PAH by EPA 8270E

| | | | | | | | | | |
|----------------------|--------------|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | 1 | B4A1601 | Windo | 01/16/2024 | 01/16/2024 | U |
| 2-Methylnaphthalene | 0.220 | 0.200 | " | " | " | Windo | " | " | |
| Benzo (a) anthracene | ND | 0.500 | " | " | " | Windo | " | " | U |

| | | | | | | | |
|---------------------------------|--------|--------|--|--|---|---|---|
| Surrogate: Fluorene-d10 | 99.6 % | 60-130 | | | " | " | " |
| Surrogate: Anthracene-d10 | 82.1 % | 60-130 | | | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 99.3 % | 60-130 | | | " | " | " |
| Surrogate: Pyrene-d10 | 93.0 % | 60-130 | | | " | " | " |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B4A1601 - EPA 3510C_MS

Blank (B4A1601-BLK1)

Prepared: 01/16/2024 Analyzed: 01/16/2024

| | | | | | | | | | | |
|---------------------------------|-----|-------|------|-----|--|------|--------|--|--|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | | | | | | | U |
| 2-Methylnaphthalene | ND | 0.200 | " | | | | | | | U |
| Acenaphthene | ND | 2.00 | " | | | | | | | U |
| Anthracene | ND | 2.00 | " | | | | | | | U |
| Benzo (a) anthracene | ND | 0.500 | " | | | | | | | U |
| Benzo (a) pyrene | ND | 2.00 | " | | | | | | | U |
| Benzo (b) fluoranthene | ND | 2.00 | " | | | | | | | U |
| Benzo (g,h,i) perylene | ND | 2.00 | " | | | | | | | U |
| Benzo (k) fluoranthene | ND | 2.00 | " | | | | | | | U |
| Chrysene | ND | 2.00 | " | | | | | | | U |
| Dibenz (a,h) anthracene | ND | 2.00 | " | | | | | | | U |
| Fluoranthene | ND | 2.00 | " | | | | | | | U |
| Fluorene | ND | 2.00 | " | | | | | | | U |
| Indeno (1,2,3-cd) pyrene | ND | 2.00 | " | | | | | | | U |
| Naphthalene | ND | 0.200 | " | | | | | | | U |
| Phenanthrene | ND | 2.00 | " | | | | | | | U |
| Pyrene | ND | 2.00 | " | | | | | | | U |
| Surrogate: Fluorene-d10 | 200 | | " | 200 | | 99.1 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 190 | | " | 200 | | 94.1 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 102 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 190 | | " | 200 | | 93.7 | 60-130 | | | |

LCS (B4A1601-BS1)

Prepared: 01/16/2024 Analyzed: 01/16/2024

| | | | | | | | | | | |
|---------------------|------|-------|------|------|--|------|--------|--|--|--|
| 1-Methylnaphthalene | 17.7 | 0.200 | ug/L | 20.0 | | 88.4 | 70-130 | | | |
| 2-Methylnaphthalene | 17.6 | 0.200 | " | 20.0 | | 88.1 | 70-130 | | | |
| Acenaphthene | 16.1 | 2.00 | " | 20.0 | | 80.6 | 70-130 | | | |
| Anthracene | 14.7 | 2.00 | " | 20.0 | | 73.7 | 70-130 | | | |

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B4A1601 - EPA 3510C_MS

LCS (B4A1601-BS1)

Prepared: 01/16/2024 Analyzed: 01/16/2024

| | | | | | | | | | | |
|---------------------------------|------|-------|------|------|--|------|--------|--|--|--|
| Benzo (a) anthracene | 15.0 | 0.500 | ug/L | 20.0 | | 74.8 | 70-130 | | | |
| Benzo (a) pyrene | 18.7 | 2.00 | " | 20.0 | | 93.3 | 70-130 | | | |
| Benzo (b) fluoranthene | 19.0 | 2.00 | " | 20.0 | | 94.9 | 70-130 | | | |
| Benzo (g,h,i) perylene | 19.2 | 2.00 | " | 20.0 | | 96.2 | 70-130 | | | |
| Benzo (k) fluoranthene | 17.4 | 2.00 | " | 20.0 | | 87.2 | 70-130 | | | |
| Chrysene | 16.3 | 2.00 | " | 20.0 | | 81.3 | 70-130 | | | |
| Dibenz (a,h) anthracene | 19.1 | 2.00 | " | 20.0 | | 95.6 | 70-130 | | | |
| Fluoranthene | 16.4 | 2.00 | " | 20.0 | | 82.1 | 70-130 | | | |
| Fluorene | 14.7 | 2.00 | " | 20.0 | | 73.7 | 70-130 | | | |
| Indeno (1,2,3-cd) pyrene | 18.0 | 2.00 | " | 20.0 | | 90.1 | 70-130 | | | |
| Naphthalene | 17.1 | 0.200 | " | 20.0 | | 85.6 | 70-130 | | | |
| Phenanthrene | 17.2 | 2.00 | " | 20.0 | | 86.0 | 70-130 | | | |
| Pyrene | 15.3 | 2.00 | " | 20.0 | | 76.4 | 70-130 | | | |
| Surrogate: Fluorene-d10 | 200 | | " | 200 | | 97.7 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 190 | | " | 200 | | 94.9 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 101 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 180 | | " | 200 | | 91.6 | 60-130 | | | |

LCS Dup (B4A1601-BSD1)

Prepared: 01/16/2024 Analyzed: 01/16/2024

| | | | | | | | | | | |
|------------------------|------|-------|------|------|--|------|--------|------|----|--|
| 1-Methylnaphthalene | 19.3 | 0.200 | ug/L | 20.0 | | 96.6 | 70-130 | 8.78 | 20 | |
| 2-Methylnaphthalene | 19.0 | 0.200 | " | 20.0 | | 95.0 | 70-130 | 7.53 | 20 | |
| Acenaphthene | 17.4 | 2.00 | " | 20.0 | | 87.0 | 70-130 | 7.56 | 20 | |
| Anthracene | 15.4 | 2.00 | " | 20.0 | | 77.1 | 70-130 | 4.60 | 20 | |
| Benzo (a) anthracene | 16.3 | 0.500 | " | 20.0 | | 81.4 | 70-130 | 8.46 | 20 | |
| Benzo (a) pyrene | 18.1 | 2.00 | " | 20.0 | | 90.4 | 70-130 | 3.19 | 20 | |
| Benzo (b) fluoranthene | 20.9 | 2.00 | " | 20.0 | | 105 | 70-130 | 9.76 | 20 | |
| Benzo (g,h,i) perylene | 21.3 | 2.00 | " | 20.0 | | 107 | 70-130 | 10.4 | 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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-------------------------------------|--------|-----------------|-------|-------------|---|------|-------------|------|-----------|-------|
| Batch B4A1601 - EPA 3510C_MS | | | | | | | | | | |
| LCS Dup (B4A1601-BSD1) | | | | | Prepared: 01/16/2024 Analyzed: 01/16/2024 | | | | | |
| Benzo (k) fluoranthene | 19.7 | 2.00 | ug/L | 20.0 | | 98.5 | 70-130 | 12.2 | 20 | |
| Chrysene | 18.8 | 2.00 | " | 20.0 | | 93.8 | 70-130 | 14.3 | 20 | |
| Dibenz (a,h) anthracene | 21.1 | 2.00 | " | 20.0 | | 105 | 70-130 | 9.69 | 20 | |
| Fluoranthene | 18.3 | 2.00 | " | 20.0 | | 91.4 | 70-130 | 10.7 | 20 | |
| Fluorene | 16.4 | 2.00 | " | 20.0 | | 82.1 | 70-130 | 10.7 | 20 | |
| Indeno (1,2,3-cd) pyrene | 19.9 | 2.00 | " | 20.0 | | 99.3 | 70-130 | 9.75 | 20 | |
| Naphthalene | 19.1 | 0.200 | " | 20.0 | | 95.4 | 70-130 | 10.8 | 20 | |
| Phenanthrene | 18.9 | 2.00 | " | 20.0 | | 94.6 | 70-130 | 9.44 | 20 | |
| Pyrene | 16.6 | 2.00 | " | 20.0 | | 82.8 | 70-130 | 7.99 | 20 | |
| Surrogate: Fluorene-d10 | 200 | | " | 200 | | 98.1 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 190 | | " | 200 | | 94.1 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 101 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 180 | | " | 200 | | 91.4 | 60-130 | | | |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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



April 22, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Becca #D 3-11

Project Number - [none]

Attached are your analytical results for Noble - Becca #D 3-11 received by Origins Laboratory, Inc. April 10, 2024. This project is associated with Origins project number Y404296-01.

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

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

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

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

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

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



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------------|------------------|
| MW-01R | Y404296-01 | Water | April 10, 2024 12:00 | 04/10/2024 14:28 |
| MW-02R | Y404296-02 | Water | April 10, 2024 12:10 | 04/10/2024 14:28 |
| MW-03 | Y404296-03 | Water | April 10, 2024 12:20 | 04/10/2024 14:28 |
| MW-04 | Y404296-04 | Water | April 10, 2024 12:30 | 04/10/2024 14:28 |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4404290

Client: Eagle

Client Project ID: Becca #D 3-11

Checklist Completed by: TSN/440

Shipped Via: HP

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

Date/time completed: 4/10/24

Airbill #: N/A

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

Cooler Number/Temperature: 1, 2.7 °C ☐ 1 °C ☐ 1 °C (Describe) 1 °C

Thermometer ID: 7004 7005

| 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"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is there ice present (document if blue ice is used) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Were all samples received intact ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are samples preserved that require preservation and was it checked ⁽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"/> | <input type="checkbox"/> | <input type="checkbox"/> | NC |
| 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: TSN (Project Manager)

Date/Time Reviewed: 4/12/24

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-01R

4/10/2024 12:00:00PM

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

Origins Laboratory, Inc.
Y404296-01 (Water)

PAH by EPA 8270E

| | | | | | | | | | |
|----------------------|----|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | 1 | B4D1613 | Windo | 04/16/2024 | 04/16/2024 | U |
| 2-Methylnaphthalene | ND | 0.200 | " | " | " | Windo | " | " | U |
| Benzo (a) anthracene | ND | 0.500 | " | " | " | Windo | " | " | U |

| | | | | | |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10 | 98.2 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10 | 109 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 90.1 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10 | 91.6 % | 60-130 | " | " | " |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-02R

4/10/2024 12:10:00PM

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

Origins Laboratory, Inc.
Y404296-02 (Water)

PAH by EPA 8270E

| | | | | | | | | | |
|----------------------|----|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | 1 | B4D1613 | Windo | 04/16/2024 | 04/16/2024 | U |
| 2-Methylnaphthalene | ND | 0.200 | " | " | " | Windo | " | " | U |
| Benzo (a) anthracene | ND | 0.500 | " | " | " | Windo | " | " | U |

| | | | | | |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10 | 97.1 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10 | 101 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 90.1 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10 | 93.0 % | 60-130 | " | " | " |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-03

4/10/2024 12:20:00PM

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

Origins Laboratory, Inc.
Y404296-03 (Water)

PAH by EPA 8270E

| | | | | | | | | | |
|----------------------|----|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | 1 | B4D1613 | Windo | 04/16/2024 | 04/16/2024 | U |
| 2-Methylnaphthalene | ND | 0.200 | " | " | " | Windo | " | " | U |
| Benzo (a) anthracene | ND | 0.500 | " | " | " | Windo | " | " | U |

| | | | | | |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10 | 97.1 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10 | 103 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 86.4 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10 | 92.5 % | 60-130 | " | " | " |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-04

4/10/2024 12:30:00PM

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

Origins Laboratory, Inc.
Y404296-04 (Water)

PAH by EPA 8270E

| | | | | | | | | | |
|----------------------|----|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | 1 | B4D1613 | Windo | 04/16/2024 | 04/16/2024 | U |
| 2-Methylnaphthalene | ND | 0.200 | " | " | " | Windo | " | " | U |
| Benzo (a) anthracene | ND | 0.500 | " | " | " | Windo | " | " | U |

| | | | | | |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10 | 97.1 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10 | 106 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 87.9 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10 | 101 % | 60-130 | " | " | " |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B4D1613 - EPA 3510C_MS

Blank (B4D1613-BLK1)

Prepared: 04/16/2024 Analyzed: 04/16/2024

| | | | | | | | | | | |
|---------------------------------|-----|-------|------|-----|--|------|--------|--|--|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | | | | | | | U |
| 2-Methylnaphthalene | ND | 0.200 | " | | | | | | | U |
| Acenaphthene | ND | 2.00 | " | | | | | | | U |
| Anthracene | ND | 2.00 | " | | | | | | | U |
| Benzo (a) anthracene | ND | 0.500 | " | | | | | | | U |
| Benzo (a) pyrene | ND | 2.00 | " | | | | | | | U |
| Benzo (b) fluoranthene | ND | 2.00 | " | | | | | | | U |
| Benzo (g,h,i) perylene | ND | 2.00 | " | | | | | | | U |
| Benzo (k) fluoranthene | ND | 2.00 | " | | | | | | | U |
| Chrysene | ND | 2.00 | " | | | | | | | U |
| Dibenz (a,h) anthracene | ND | 2.00 | " | | | | | | | U |
| Fluoranthene | ND | 2.00 | " | | | | | | | U |
| Fluorene | ND | 2.00 | " | | | | | | | U |
| Indeno (1,2,3-cd) pyrene | ND | 2.00 | " | | | | | | | U |
| Naphthalene | ND | 0.200 | " | | | | | | | U |
| Phenanthrene | ND | 2.00 | " | | | | | | | U |
| Pyrene | ND | 2.00 | " | | | | | | | U |
| Surrogate: Fluorene-d10 | 200 | | " | 200 | | 101 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 190 | | " | 200 | | 92.5 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 180 | | " | 200 | | 88.1 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 190 | | " | 200 | | 96.8 | 60-130 | | | |

LCS (B4D1613-BS1)

Prepared: 04/16/2024 Analyzed: 04/16/2024

| | | | | | | | | | | |
|---------------------|------|-------|------|------|--|------|--------|--|--|--|
| 1-Methylnaphthalene | 17.1 | 0.200 | ug/L | 20.0 | | 85.3 | 70-130 | | | |
| 2-Methylnaphthalene | 17.1 | 0.200 | " | 20.0 | | 85.5 | 70-130 | | | |
| Acenaphthene | 17.3 | 2.00 | " | 20.0 | | 86.6 | 70-130 | | | |
| Anthracene | 17.5 | 2.00 | " | 20.0 | | 87.6 | 70-130 | | | |

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B4D1613 - EPA 3510C_MS

LCS (B4D1613-BS1)

Prepared: 04/16/2024 Analyzed: 04/16/2024

| | | | | | | | | | | |
|---------------------------------|------|-------|------|------|--|------|--------|--|--|--|
| Benzo (a) anthracene | 17.2 | 0.500 | ug/L | 20.0 | | 86.2 | 70-130 | | | |
| Benzo (a) pyrene | 18.3 | 2.00 | " | 20.0 | | 91.3 | 70-130 | | | |
| Benzo (b) fluoranthene | 18.3 | 2.00 | " | 20.0 | | 91.6 | 70-130 | | | |
| Benzo (g,h,i) perylene | 19.3 | 2.00 | " | 20.0 | | 96.6 | 70-130 | | | |
| Benzo (k) fluoranthene | 18.4 | 2.00 | " | 20.0 | | 91.8 | 70-130 | | | |
| Chrysene | 16.0 | 2.00 | " | 20.0 | | 80.2 | 70-130 | | | |
| Dibenz (a,h) anthracene | 15.4 | 2.00 | " | 20.0 | | 77.1 | 70-130 | | | |
| Fluoranthene | 18.5 | 2.00 | " | 20.0 | | 92.5 | 70-130 | | | |
| Fluorene | 17.2 | 2.00 | " | 20.0 | | 85.9 | 70-130 | | | |
| Indeno (1,2,3-cd) pyrene | 21.3 | 2.00 | " | 20.0 | | 106 | 70-130 | | | |
| Naphthalene | 17.1 | 0.200 | " | 20.0 | | 85.7 | 70-130 | | | |
| Phenanthrene | 17.4 | 2.00 | " | 20.0 | | 87.1 | 70-130 | | | |
| Pyrene | 16.0 | 2.00 | " | 20.0 | | 79.9 | 70-130 | | | |
| Surrogate: Fluorene-d10 | 200 | | " | 200 | | 99.8 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 190 | | " | 200 | | 92.6 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 210 | | " | 200 | | 105 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 190 | | " | 200 | | 93.6 | 60-130 | | | |

LCS Dup (B4D1613-BSD1)

Prepared: 04/16/2024 Analyzed: 04/16/2024

| | | | | | | | | | | |
|------------------------|------|-------|------|------|--|------|--------|-------|----|--|
| 1-Methylnaphthalene | 18.0 | 0.200 | ug/L | 20.0 | | 90.2 | 70-130 | 5.54 | 20 | |
| 2-Methylnaphthalene | 17.8 | 0.200 | " | 20.0 | | 88.8 | 70-130 | 3.83 | 20 | |
| Acenaphthene | 17.9 | 2.00 | " | 20.0 | | 89.7 | 70-130 | 3.55 | 20 | |
| Anthracene | 16.0 | 2.00 | " | 20.0 | | 80.1 | 70-130 | 8.92 | 20 | |
| Benzo (a) anthracene | 19.4 | 0.500 | " | 20.0 | | 97.0 | 70-130 | 11.7 | 20 | |
| Benzo (a) pyrene | 18.5 | 2.00 | " | 20.0 | | 92.7 | 70-130 | 1.42 | 20 | |
| Benzo (b) fluoranthene | 18.4 | 2.00 | " | 20.0 | | 91.9 | 70-130 | 0.355 | 20 | |
| Benzo (g,h,i) perylene | 19.4 | 2.00 | " | 20.0 | | 97.0 | 70-130 | 0.379 | 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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-------------------------------------|--------|-----------------|-------|-------------|---|------|-------------|-------|-----------|-------|
| Batch B4D1613 - EPA 3510C_MS | | | | | | | | | | |
| LCS Dup (B4D1613-BSD1) | | | | | Prepared: 04/16/2024 Analyzed: 04/16/2024 | | | | | |
| Benzo (k) fluoranthene | 18.8 | 2.00 | ug/L | 20.0 | | 94.2 | 70-130 | 2.54 | 20 | |
| Chrysene | 17.2 | 2.00 | " | 20.0 | | 86.0 | 70-130 | 6.89 | 20 | |
| Dibenz (a,h) anthracene | 15.5 | 2.00 | " | 20.0 | | 77.5 | 70-130 | 0.537 | 20 | |
| Fluoranthene | 19.4 | 2.00 | " | 20.0 | | 97.0 | 70-130 | 4.81 | 20 | |
| Fluorene | 17.5 | 2.00 | " | 20.0 | | 87.4 | 70-130 | 1.66 | 20 | |
| Indeno (1,2,3-cd) pyrene | 21.2 | 2.00 | " | 20.0 | | 106 | 70-130 | 0.222 | 20 | |
| Naphthalene | 18.2 | 0.200 | " | 20.0 | | 90.8 | 70-130 | 5.80 | 20 | |
| Phenanthrene | 18.0 | 2.00 | " | 20.0 | | 90.2 | 70-130 | 3.57 | 20 | |
| Pyrene | 17.1 | 2.00 | " | 20.0 | | 85.5 | 70-130 | 6.77 | 20 | |
| Surrogate: Fluorene-d10 | 200 | | " | 200 | | 98.7 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 200 | | " | 200 | | 102 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 102 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 190 | | " | 200 | | 94.7 | 60-130 | | | |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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



April 22, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Becca #D 3-11

Project Number - [none]

Attached are your analytical results for Noble - Becca #D 3-11 received by Origins Laboratory, Inc. April 10, 2024. This project is associated with Origins project number Y404294-01.

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

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

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

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

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

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



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------------|------------------|
| MW-01R | Y404294-01 | Water | April 10, 2024 12:00 | 04/10/2024 14:28 |
| MW-02R | Y404294-02 | Water | April 10, 2024 12:10 | 04/10/2024 14:28 |
| MW-03 | Y404294-03 | Water | April 10, 2024 12:20 | 04/10/2024 14:28 |
| MW-04 | Y404294-04 | Water | April 10, 2024 12:30 | 04/10/2024 14:28 |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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

Sample Receipt Checklist

Origins Work Order: 440-1294 Client: Eagle
Client Project ID: Becca #03-11

Checklist Completed by: JAN 11/24 Shipped Via: tlp
(UPS, FedEx, Hand Delivered, Pick-up, etc.)
Date/time completed: 4/10/24 Airbill #: N/A

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

Cooler Number/Temperature: 1 12.7 °C 1 °C 1 °C (Describe) °C

Thermometer ID: T005

| 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"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is there ice present (document if blue ice is used) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Were all samples received intact ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| For volatiles in water – is there headspace (> 1/4 inch bubble) present? If yes, contact client and note in narrative. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are samples preserved that require preservation and was it checked ⁽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"/> | <input type="checkbox"/> | <input type="checkbox"/> | NC |
| 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 be taken in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) JB

Date/Time Reviewed 4/12/24

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-01R

4/10/2024 12:00:00PM

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

Origins Laboratory, Inc. Y404294-01 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4D1054 | JSM | 04/10/2024 | 04/12/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Benzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Toluene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | JSM | " | " | U |

| | | | | | |
|----------------------------------|-------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 108 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8 | 100 % | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 103 % | 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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-02R

4/10/2024 12:10:00PM

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

Origins Laboratory, Inc.
Y404294-02 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4D1054 | JSM | 04/10/2024 | 04/12/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Benzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Toluene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | JSM | " | " | U |

| | | | | | |
|----------------------------------|--------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 107 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8 | 99.6 % | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 103 % | 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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-03

4/10/2024 12:20:00PM

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

Origins Laboratory, Inc. Y404294-03 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4D1054 | JSM | 04/10/2024 | 04/12/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Benzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Toluene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | JSM | " | " | U |

| | | | | | |
|----------------------------------|--------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 109 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8 | 97.5 % | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 103 % | 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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-04

4/10/2024 12:30:00PM

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

Origins Laboratory, Inc. Y404294-04 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4D1054 | JSM | 04/10/2024 | 04/12/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Benzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Toluene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | JSM | " | " | U |

| | | | | | |
|----------------------------------|--------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 107 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8 | 98.1 % | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 104 % | 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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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 B4D1054 - EPA 5030B (Water) | | | | | | | | | | |
| Blank (B4D1054-BLK1) | | | | | Prepared: 04/10/2024 Analyzed: 04/11/2024 | | | | | |
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | | | | | | | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | | | | | | | U |
| Benzene | ND | 1.00 | " | | | | | | | U |
| Ethylbenzene | ND | 1.00 | " | | | | | | | U |
| Naphthalene | ND | 2.00 | " | | | | | | | U |
| Toluene | ND | 1.00 | " | | | | | | | U |
| Xylenes, total | ND | 1.00 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 67 | | " | 62.5 | | 107 | 70-130 | | | |
| Surrogate: Toluene-d8 | 64 | | " | 62.5 | | 102 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 63 | | " | 62.5 | | 101 | 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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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 B4D1054 - EPA 5030B (Water) | | | | | | | | | | |
| LCS (B4D1054-BS1) | | | | | Prepared: 04/10/2024 Analyzed: 04/11/2024 | | | | | |
| 1,2,4-Trimethylbenzene | 51.0 | 2.00 | ug/L | 50.0 | | 102 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 50.5 | 2.00 | " | 50.0 | | 101 | 70-130 | | | |
| Benzene | 50.2 | 1.00 | " | 50.0 | | 100 | 70-130 | | | |
| Ethylbenzene | 52.1 | 1.00 | " | 50.0 | | 104 | 70-130 | | | |
| m,p-Xylene | 103 | 2.00 | " | 100 | | 103 | 70-130 | | | |
| Naphthalene | 50.7 | 2.00 | " | 50.0 | | 101 | 70-130 | | | |
| o-Xylene | 51.8 | 1.00 | " | 50.0 | | 104 | 70-130 | | | |
| Toluene | 49.1 | 1.00 | " | 50.0 | | 98.2 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 65 | | " | 62.5 | | 105 | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 98.7 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 60 | | " | 62.5 | | 96.0 | 70-130 | | | |

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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 B4D1054 - EPA 5030B (Water) | | | | | | | | | | |
| Matrix Spike (B4D1054-MS1) | | Source: Y404268-01 | | | Prepared: 04/10/2024 Analyzed: 04/11/2024 | | | | | |
| 1,2,4-Trimethylbenzene | 53.7 | 2.00 | ug/L | 50.0 | ND | 107 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 54.6 | 2.00 | " | 50.0 | ND | 109 | 70-130 | | | |
| Benzene | 59.5 | 1.00 | " | 50.0 | 3.64 | 112 | 70-130 | | | |
| Ethylbenzene | 56.3 | 1.00 | " | 50.0 | ND | 113 | 70-130 | | | |
| m,p-Xylene | 111 | 2.00 | " | 100 | ND | 111 | 70-130 | | | |
| Naphthalene | 58.2 | 2.00 | " | 50.0 | 5.11 | 106 | 70-130 | | | |
| o-Xylene | 55.2 | 1.00 | " | 50.0 | 0.210 | 110 | 70-130 | | | |
| Toluene | 52.4 | 1.00 | " | 50.0 | ND | 105 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 66 | | " | 62.5 | | 105 | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 98.6 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 60 | | " | 62.5 | | 96.0 | 70-130 | | | |

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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 B4D1054 - EPA 5030B (Water) | | | | | | | | | | |
| Matrix Spike Dup (B4D1054-MSD1) | Source: Y404268-01 | | | | Prepared: 04/10/2024 Analyzed: 04/11/2024 | | | | | |
| 1,2,4-Trimethylbenzene | 49.6 | 2.00 | ug/L | 50.0 | ND | 99.1 | 70-130 | 7.96 | 20 | |
| 1,3,5-Trimethylbenzene | 49.9 | 2.00 | " | 50.0 | ND | 99.8 | 70-130 | 8.88 | 20 | |
| Benzene | 54.7 | 1.00 | " | 50.0 | 3.64 | 102 | 70-130 | 8.48 | 20 | |
| Ethylbenzene | 51.0 | 1.00 | " | 50.0 | ND | 102 | 70-130 | 9.91 | 20 | |
| m,p-Xylene | 101 | 2.00 | " | 100 | ND | 101 | 70-130 | 9.42 | 20 | |
| Naphthalene | 56.3 | 2.00 | " | 50.0 | 5.11 | 102 | 70-130 | 3.23 | 20 | |
| o-Xylene | 50.6 | 1.00 | " | 50.0 | 0.210 | 101 | 70-130 | 8.71 | 20 | |
| Toluene | 48.6 | 1.00 | " | 50.0 | ND | 97.3 | 70-130 | 7.44 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 63 | | " | 62.5 | | 101 | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 99.0 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 62 | | " | 62.5 | | 98.8 | 70-130 | | | |

Origins Laboratory, Inc.



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

Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Andrew Newberry

Project Number: [none]

Project: Noble - Becca #D 3-11

Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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



July 25, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Becca #D 3-11

Project Number - [none]

Attached are your analytical results for Noble - Becca #D 3-11 received by Origins Laboratory, Inc. July 18, 2024. This project is associated with Origins project number Y407511-01.

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

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

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

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

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

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



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|---------------------|------------------|
| MW-01R | Y407511-01 | Water | July 18, 2024 11:05 | 07/18/2024 16:49 |
| MW-02R | Y407511-02 | Water | July 18, 2024 11:35 | 07/18/2024 16:49 |
| MW-03 | Y407511-03 | Water | July 18, 2024 11:25 | 07/18/2024 16:49 |
| MW-04 | Y407511-04 | Water | July 18, 2024 11:15 | 07/18/2024 16:49 |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

ORIGINS LABORATORY, INC
Client: Eagle Environmental Consulting
Address: 8000 W 44th Ave
Telephone Number: 303-433-0479
Email Address: a@eagle-consult.com

Project Manager: Andrew Newberry
Project Name: Becca #D 3-11
Project Number: [blank]
Collected By: RS
Invoice/Billing Info: Noble / Bill to Dan

Key: W=Water, GW=Groundwater, SW=Surface Water, WW=Waste Water, L=Liquid

S=Sol | SO=Solid | O=Oil | A=Air | G=Gas | UWP=Uropres | HCL=Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

| # | Sample ID | Date Sampled | Time Sampled | # of Containers | Matrix | Preservative | Analysis | | | Comments |
|----|-----------|--------------|--------------|-----------------|--------|--------------|----------|-----|-----|----------|
| | | | | | | | BTEX | MPH | TPH | |
| 1 | MW-01R | 7/18/24 | 1105 | 3 | GW | HCL | X | X | X | |
| 2 | MW-02R | | 1135 | | | | | | | |
| 3 | MW-03 | | 1125 | | | | | | | |
| 4 | MW-04 | | 1115 | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |

Relinquished By: [Signature] Date: 7/18/24 Time: 1649
Received By: [Signature] Date: 7/18/24 Time: 1649

For Lab Sample Receiving Only:
Temp Received: [blank] Received On Ice? ☒ Yes ☐ No
Turnaround Time: ☐ SAME DAY ☐ 24 Hr ☐ 48 Hr ☐ 72 Hr
☒ Standard

1725 Elk Place Denver, Co. 80211 | # 303.433.1322 | originslab.com

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4407511

Client: Eagle

Client Project ID: Becca D 3-11

Checklist Completed by: AKD

Shipped Via: HD

Date/Time completed: 7/18/24

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

Airbill #: N/A

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

Cooler Number/Temperature: 115 °C 1 °C 1 °C (Describe) °C

Thermometer ID: 7005

| 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"/> | | | PC |
| 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) AKD Date/Time Reviewed 7/22/24

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-01R

7/18/2024 11:05:00AM

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

Origins Laboratory, Inc.
Y407511-01 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4G2102 | HKS | 07/21/2024 | 07/21/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Benzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Toluene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | HKS | " | " | U |

| | | | | | |
|----------------------------------|--------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 107 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8 | 95.3 % | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 105 % | 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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-02R

7/18/2024 11:35:00AM

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

Origins Laboratory, Inc. Y407511-02 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4G2102 | HKS | 07/21/2024 | 07/21/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Benzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Toluene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | HKS | " | " | U |

| | | | | | |
|----------------------------------|--------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 106 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8 | 95.7 % | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 105 % | 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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-03

7/18/2024 11:25:00AM

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

Origins Laboratory, Inc.
Y407511-03 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4G2102 | HKS | 07/21/2024 | 07/21/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Benzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Toluene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | HKS | " | " | U |

| | | | | | |
|----------------------------------|--------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 108 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8 | 93.9 % | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 106 % | 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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-04

7/18/2024 11:15:00AM

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

Origins Laboratory, Inc.
Y407511-04 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B4G2102 | HKS | 07/21/2024 | 07/21/2024 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Benzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | HKS | " | " | U |
| Toluene | ND | 1.00 | " | " | " | HKS | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | HKS | " | " | U |

| | | | | | |
|----------------------------------|--------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 107 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8 | 95.0 % | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 105 % | 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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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 B4G2102 - EPA 5030B (Water) | | | | | | | | | | |
| Blank (B4G2102-BLK1) | | | | | Prepared: 07/21/2024 Analyzed: 07/21/2024 | | | | | |
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | | | | | | | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | | | | | | | U |
| Benzene | ND | 1.00 | " | | | | | | | U |
| Ethylbenzene | ND | 1.00 | " | | | | | | | U |
| Naphthalene | ND | 2.00 | " | | | | | | | U |
| Toluene | ND | 1.00 | " | | | | | | | U |
| Xylenes, total | ND | 1.00 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 67 | | " | 62.5 | | 107 | 70-130 | | | |
| Surrogate: Toluene-d8 | 61 | | " | 62.5 | | 97.3 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 66 | | " | 62.5 | | 105 | 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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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 B4G2102 - EPA 5030B (Water) | | | | | | | | | | |
| LCS (B4G2102-BS1) | | | | | Prepared: 07/21/2024 Analyzed: 07/21/2024 | | | | | |
| 1,2,4-Trimethylbenzene | 49.1 | 2.00 | ug/L | 50.0 | | 98.2 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 49.6 | 2.00 | " | 50.0 | | 99.3 | 70-130 | | | |
| Benzene | 48.6 | 1.00 | " | 50.0 | | 97.2 | 70-130 | | | |
| Ethylbenzene | 47.8 | 1.00 | " | 50.0 | | 95.6 | 70-130 | | | |
| m,p-Xylene | 94.2 | 2.00 | " | 100 | | 94.2 | 70-130 | | | |
| Naphthalene | 50.2 | 2.00 | " | 50.0 | | 100 | 70-130 | | | |
| o-Xylene | 48.5 | 1.00 | " | 50.0 | | 97.0 | 70-130 | | | |
| Toluene | 47.0 | 1.00 | " | 50.0 | | 93.9 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 66 | | " | 62.5 | | 105 | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 99.6 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 61 | | " | 62.5 | | 97.5 | 70-130 | | | |

Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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 B4G2102 - EPA 5030B (Water) | | | | | | | | | | |
| Matrix Spike (B4G2102-MS1) | Source: Y407462-13 | | | | Prepared: 07/21/2024 Analyzed: 07/21/2024 | | | | | |
| 1,2,4-Trimethylbenzene | 50.6 | 2.00 | ug/L | 50.0 | ND | 101 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 51.2 | 2.00 | " | 50.0 | ND | 102 | 70-130 | | | |
| Benzene | 48.6 | 1.00 | " | 50.0 | ND | 97.2 | 70-130 | | | |
| Ethylbenzene | 49.1 | 1.00 | " | 50.0 | ND | 98.2 | 70-130 | | | |
| m,p-Xylene | 96.8 | 2.00 | " | 100 | ND | 96.8 | 70-130 | | | |
| Naphthalene | 54.6 | 2.00 | " | 50.0 | ND | 109 | 70-130 | | | |
| o-Xylene | 49.9 | 1.00 | " | 50.0 | ND | 99.9 | 70-130 | | | |
| Toluene | 48.8 | 1.00 | " | 50.0 | ND | 97.7 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 65 | | " | 62.5 | | 103 | 70-130 | | | |
| Surrogate: Toluene-d8 | 63 | | " | 62.5 | | 101 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 61 | | " | 62.5 | | 98.0 | 70-130 | | | |

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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 B4G2102 - EPA 5030B (Water) | | | | | | | | | | |
| Matrix Spike Dup (B4G2102-MSD1) | Source: Y407462-13 | | | | Prepared: 07/21/2024 Analyzed: 07/21/2024 | | | | | |
| 1,2,4-Trimethylbenzene | 57.6 | 2.00 | ug/L | 50.0 | ND | 115 | 70-130 | 13.0 | 20 | |
| 1,3,5-Trimethylbenzene | 58.8 | 2.00 | " | 50.0 | ND | 118 | 70-130 | 13.9 | 20 | |
| Benzene | 55.8 | 1.00 | " | 50.0 | ND | 112 | 70-130 | 13.8 | 20 | |
| Ethylbenzene | 55.7 | 1.00 | " | 50.0 | ND | 111 | 70-130 | 12.5 | 20 | |
| m,p-Xylene | 110 | 2.00 | " | 100 | ND | 110 | 70-130 | 12.5 | 20 | |
| Naphthalene | 63.8 | 2.00 | " | 50.0 | ND | 128 | 70-130 | 15.6 | 20 | |
| o-Xylene | 57.2 | 1.00 | " | 50.0 | ND | 114 | 70-130 | 13.5 | 20 | |
| Toluene | 55.7 | 1.00 | " | 50.0 | ND | 111 | 70-130 | 13.1 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 64 | | " | 62.5 | | 103 | 70-130 | | | |
| Surrogate: Toluene-d8 | 63 | | " | 62.5 | | 101 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 61 | | " | 62.5 | | 98.0 | 70-130 | | | |

Origins Laboratory, Inc.



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

Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Andrew Newberry

Project Number: [none]

Project: Noble - Becca #D 3-11

Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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



July 25, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Becca #D 3-11

Project Number - [none]

Attached are your analytical results for Noble - Becca #D 3-11 received by Origins Laboratory, Inc. July 18, 2024. This project is associated with Origins project number Y407510-01.

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

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

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

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

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

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



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|---------------------|------------------|
| MW-01R | Y407510-01 | Water | July 18, 2024 11:05 | 07/18/2024 16:49 |
| MW-02R | Y407510-02 | Water | July 18, 2024 11:35 | 07/18/2024 16:49 |
| MW-03 | Y407510-03 | Water | July 18, 2024 11:25 | 07/18/2024 16:49 |
| MW-04 | Y407510-04 | Water | July 18, 2024 11:15 | 07/18/2024 16:49 |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

ORIGINS WORK ORDER # 4403510

Page 1 of 1

ORIGINS LABORATORY, INC

Client: Eagle Environmental Consulting

Address: 8000 W 44th Ave

Telephone Number: Wheat Ridge, CO 80033

303-433-0479

Email Address: anewberry@eagle-env.com

Project Manager: Andrew Newberry

Project Name: Becca #D 3-11

Project Number: _____

Collected By: RS

Invoice/Billing Info: Noble / Bill to Dan

Key: W=Water
GW=Groundwater
SW=Surface Water
WW=Waste Water
L=Liquid

S=Soil | SO=Solid | O=Oil | A=Air | G=Gas | UNF=Unpres | HCL=Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

| # | Sample ID | Date Sampled | Time Sampled | # of Containers | Matrix | Preservative | Analysis | | Comments |
|----|-----------|--------------|--------------|-----------------|--------|--------------|--|-----------------------------------|----------|
| | | | | | | | 1-methylnaphthalene -62 TO 500 2-methylnaphthalene -62 TO 500 | 3-methylnaphthalene -62 TO 500 | |
| 1 | MW-01R | 7/8/14 | 1105 | 3 | GW | HCL | X | X | |
| 2 | MW-02R | | 1135 | | | | | | |
| 3 | MW-03 | | 1125 | | | | | | |
| 4 | MW-04 | | 1115 | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |

Requisitioned By: [Signature] Date: 7/8/14 Time: 1649

Received By: [Signature] Date: 7/10/14 Time: 1449

Turnaround Time
☐ SAME DAY
☐ 24 Hr
☐ 48 Hr
☐ 72 Hr
☒ Standard

Temp Received: S Received On Ice? ☒ Yes ☐ No

1725 Elk Place Denver, Co. 80211 | # 303.433.1322 | originslab.com

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

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

Sample Receipt Checklist

Origins Work Order: 407510 Client: Eagle
Client Project ID: Becca D 3-11

Checklist Completed by: AKD Shipped Via: HO
Date/time completed: 7/18/24 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
Airbill #: N/A

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

Cooler Number/Temperature: 115 °C °C °C (Describe) °C
Thermometer ID: 7005

| 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"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is there ice present (document if blue ice is used) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Were all samples received intact ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are samples preserved that require preservation and was it checked ⁽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"/> | <input type="checkbox"/> | <input type="checkbox"/> | NC |
| 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) AKD

7/22/24
Date/Time Reviewed

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-01R

7/18/2024 11:05:00AM

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

Origins Laboratory, Inc.
Y407510-01 (Water)

PAH by EPA 8270E

| | | | | | | | | | |
|---------------------|----|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | 1 | B4G2325 | agile | 07/23/2024 | 07/23/2024 | U |
| 2-Methylnaphthalene | ND | 0.200 | " | " | " | agile | " | " | U |

| | | | | | | | |
|---------------------------------|--------|--------|--|--|---|---|---|
| Surrogate: Fluorene-d10 | 99.0 % | 60-130 | | | " | " | " |
| Surrogate: Anthracene-d10 | 84.4 % | 60-130 | | | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 100 % | 60-130 | | | " | " | " |
| Surrogate: Pyrene-d10 | 109 % | 60-130 | | | " | " | " |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-02R

7/18/2024 11:35:00AM

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

Origins Laboratory, Inc.
Y407510-02 (Water)

PAH by EPA 8270E

| | | | | | | | | | |
|---------------------|----|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | 1 | B4G2325 | agile | 07/23/2024 | 07/23/2024 | U |
| 2-Methylnaphthalene | ND | 0.200 | " | " | " | agile | " | " | U |

| | | | | | | | |
|---------------------------------|--------|--------|--|--|---|---|---|
| Surrogate: Fluorene-d10 | 97.2 % | 60-130 | | | " | " | " |
| Surrogate: Anthracene-d10 | 86.9 % | 60-130 | | | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 102 % | 60-130 | | | " | " | " |
| Surrogate: Pyrene-d10 | 112 % | 60-130 | | | " | " | " |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-03

7/18/2024 11:25:00AM

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

Origins Laboratory, Inc.
Y407510-03 (Water)

PAH by EPA 8270E

| | | | | | | | | | |
|---------------------|----|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | 1 | B4G2325 | agile | 07/23/2024 | 07/23/2024 | U |
| 2-Methylnaphthalene | ND | 0.200 | " | " | " | agile | " | " | U |

| | | | | | | | |
|---------------------------------|--------|--------|--|--|---|---|---|
| Surrogate: Fluorene-d10 | 103 % | 60-130 | | | " | " | " |
| Surrogate: Anthracene-d10 | 85.3 % | 60-130 | | | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 99.5 % | 60-130 | | | " | " | " |
| Surrogate: Pyrene-d10 | 98.5 % | 60-130 | | | " | " | " |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

MW-04

7/18/2024 11:15:00AM

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

Origins Laboratory, Inc.
Y407510-04 (Water)

PAH by EPA 8270E

| | | | | | | | | | |
|---------------------|----|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | 1 | B4G2325 | agile | 07/23/2024 | 07/23/2024 | U |
| 2-Methylnaphthalene | ND | 0.200 | " | " | " | agile | " | " | U |

| | | | | | | | |
|---------------------------------|--------|--------|--|--|---|---|---|
| Surrogate: Fluorene-d10 | 108 % | 60-130 | | | " | " | " |
| Surrogate: Anthracene-d10 | 86.8 % | 60-130 | | | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 100 % | 60-130 | | | " | " | " |
| Surrogate: Pyrene-d10 | 104 % | 60-130 | | | " | " | " |

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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B4G2325 - EPA 3510C_MS

Blank (B4G2325-BLK1)

Prepared: 07/23/2024 Analyzed: 07/23/2024

| | | | | | | | | | | |
|---------------------------------|-----|-------|------|-----|--|------|--------|--|--|---|
| 1-Methylnaphthalene | ND | 0.200 | ug/L | | | | | | | U |
| 2-Methylnaphthalene | ND | 0.200 | " | | | | | | | U |
| Acenaphthene | ND | 2.00 | " | | | | | | | U |
| Anthracene | ND | 2.00 | " | | | | | | | U |
| Benzo (a) anthracene | ND | 0.500 | " | | | | | | | U |
| Benzo (a) pyrene | ND | 2.00 | " | | | | | | | U |
| Benzo (b) fluoranthene | ND | 2.00 | " | | | | | | | U |
| Benzo (g,h,i) perylene | ND | 2.00 | " | | | | | | | U |
| Benzo (k) fluoranthene | ND | 2.00 | " | | | | | | | U |
| Chrysene | ND | 2.00 | " | | | | | | | U |
| Dibenz (a,h) anthracene | ND | 2.00 | " | | | | | | | U |
| Fluoranthene | ND | 2.00 | " | | | | | | | U |
| Fluorene | ND | 2.00 | " | | | | | | | U |
| Indeno (1,2,3-cd) pyrene | ND | 2.00 | " | | | | | | | U |
| Naphthalene | ND | 0.200 | " | | | | | | | U |
| Phenanthrene | ND | 2.00 | " | | | | | | | U |
| Pyrene | ND | 2.00 | " | | | | | | | U |
| Surrogate: Fluorene-d10 | 200 | | " | 200 | | 100 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 170 | | " | 200 | | 86.2 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 210 | | " | 200 | | 103 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 190 | | " | 200 | | 96.8 | 60-130 | | | |

LCS (B4G2325-BS1)

Prepared: 07/23/2024 Analyzed: 07/23/2024

| | | | | | | | | | | |
|---------------------|------|-------|------|------|--|------|--------|--|--|--|
| 1-Methylnaphthalene | 18.9 | 0.200 | ug/L | 20.0 | | 94.7 | 70-130 | | | |
| 2-Methylnaphthalene | 18.8 | 0.200 | " | 20.0 | | 93.9 | 70-130 | | | |
| Acenaphthene | 19.9 | 2.00 | " | 20.0 | | 99.4 | 70-130 | | | |
| Anthracene | 16.9 | 2.00 | " | 20.0 | | 84.6 | 70-130 | | | |

Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B4G2325 - EPA 3510C_MS

LCS (B4G2325-BS1)

Prepared: 07/23/2024 Analyzed: 07/23/2024

| | | | | | | | | | | |
|---------------------------------|------|-------|------|------|--|------|--------|--|--|--|
| Benzo (a) anthracene | 18.9 | 0.500 | ug/L | 20.0 | | 94.5 | 70-130 | | | |
| Benzo (a) pyrene | 19.0 | 2.00 | " | 20.0 | | 94.9 | 70-130 | | | |
| Benzo (b) fluoranthene | 22.1 | 2.00 | " | 20.0 | | 111 | 70-130 | | | |
| Benzo (g,h,i) perylene | 20.5 | 2.00 | " | 20.0 | | 102 | 70-130 | | | |
| Benzo (k) fluoranthene | 18.3 | 2.00 | " | 20.0 | | 91.5 | 70-130 | | | |
| Chrysene | 19.8 | 2.00 | " | 20.0 | | 99.1 | 70-130 | | | |
| Dibenz (a,h) anthracene | 23.4 | 2.00 | " | 20.0 | | 117 | 70-130 | | | |
| Fluoranthene | 20.4 | 2.00 | " | 20.0 | | 102 | 70-130 | | | |
| Fluorene | 20.2 | 2.00 | " | 20.0 | | 101 | 70-130 | | | |
| Indeno (1,2,3-cd) pyrene | 20.8 | 2.00 | " | 20.0 | | 104 | 70-130 | | | |
| Naphthalene | 19.9 | 0.200 | " | 20.0 | | 99.4 | 70-130 | | | |
| Phenanthrene | 21.7 | 2.00 | " | 20.0 | | 108 | 70-130 | | | |
| Pyrene | 20.6 | 2.00 | " | 20.0 | | 103 | 70-130 | | | |
| Surrogate: Fluorene-d10 | 210 | | " | 200 | | 103 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 180 | | " | 200 | | 88.0 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 102 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 210 | | " | 200 | | 106 | 60-130 | | | |

LCS Dup (B4G2325-BSD1)

Prepared: 07/23/2024 Analyzed: 07/23/2024

| | | | | | | | | | | |
|------------------------|------|-------|------|------|--|------|--------|-------|----|--|
| 1-Methylnaphthalene | 18.4 | 0.200 | ug/L | 20.0 | | 91.8 | 70-130 | 3.17 | 20 | |
| 2-Methylnaphthalene | 18.9 | 0.200 | " | 20.0 | | 94.4 | 70-130 | 0.500 | 20 | |
| Acenaphthene | 20.3 | 2.00 | " | 20.0 | | 101 | 70-130 | 1.94 | 20 | |
| Anthracene | 16.1 | 2.00 | " | 20.0 | | 80.5 | 70-130 | 4.90 | 20 | |
| Benzo (a) anthracene | 17.0 | 0.500 | " | 20.0 | | 85.1 | 70-130 | 10.5 | 20 | |
| Benzo (a) pyrene | 18.5 | 2.00 | " | 20.0 | | 92.4 | 70-130 | 2.57 | 20 | |
| Benzo (b) fluoranthene | 23.7 | 2.00 | " | 20.0 | | 118 | 70-130 | 6.94 | 20 | |
| Benzo (g,h,i) perylene | 22.0 | 2.00 | " | 20.0 | | 110 | 70-130 | 7.24 | 20 | |

Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: [none]
Project: Noble - Becca #D 3-11

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-------------------------------------|--------|-----------------|-------|-------------|---|------|-------------|------|-----------|-------|
| Batch B4G2325 - EPA 3510C_MS | | | | | | | | | | |
| LCS Dup (B4G2325-BSD1) | | | | | Prepared: 07/23/2024 Analyzed: 07/23/2024 | | | | | |
| Benzo (k) fluoranthene | 21.3 | 2.00 | ug/L | 20.0 | | 107 | 70-130 | 15.4 | 20 | |
| Chrysene | 19.1 | 2.00 | " | 20.0 | | 95.4 | 70-130 | 3.72 | 20 | |
| Dibenz (a,h) anthracene | 24.1 | 2.00 | " | 20.0 | | 120 | 70-130 | 3.04 | 20 | |
| Fluoranthene | 18.7 | 2.00 | " | 20.0 | | 93.3 | 70-130 | 9.07 | 20 | |
| Fluorene | 20.0 | 2.00 | " | 20.0 | | 99.8 | 70-130 | 1.42 | 20 | |
| Indeno (1,2,3-cd) pyrene | 22.1 | 2.00 | " | 20.0 | | 110 | 70-130 | 6.23 | 20 | |
| Naphthalene | 20.1 | 0.200 | " | 20.0 | | 101 | 70-130 | 1.23 | 20 | |
| Phenanthrene | 21.4 | 2.00 | " | 20.0 | | 107 | 70-130 | 1.14 | 20 | |
| Pyrene | 19.1 | 2.00 | " | 20.0 | | 95.3 | 70-130 | 7.76 | 20 | |
| Surrogate: Fluorene-d10 | 200 | | " | 200 | | 100 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 170 | | " | 200 | | 85.7 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 99.8 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 190 | | " | 200 | | 95.9 | 60-130 | | | |

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Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Andrew Newberry

Project Number: [none]

Project: Noble - Becca #D 3-11

Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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