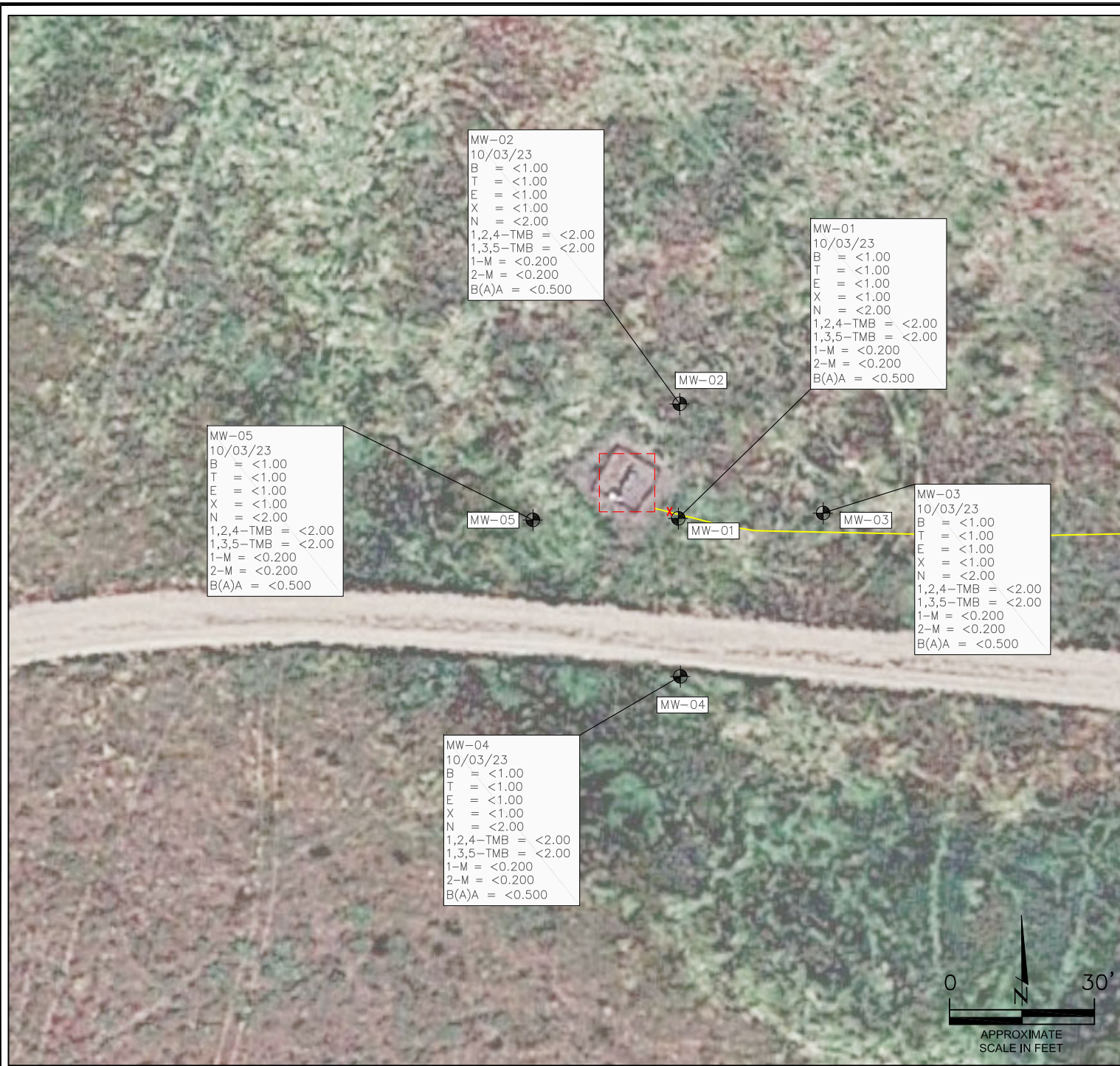




## **FIGURES**

**Figure 1: Groundwater Analytical Map (10/03/23)**

**Figure 2: Groundwater Elevation Map (10/03/23)**



#### LEGEND

- FORMER WELLHEAD LOCATION
- X APPROXIMATE RELEASE LOCATION
- APPROXIMATE FLOWLINE LOCATION (REMOVED)
- ⊕ APPROXIMATE MONITORING WELL LOCATIONS

#### PARAMETERS

##### GROUNDWATER SAMPLE LOCATION

##### DATE

B = BENZENE (µg/L)  
T = TOLUENE (µg/L)  
E = ETHYLBENZENE (µg/L)  
X = TOTAL XYLENES (µg/L)  
N = NAPHTHALENE (µg/L)  
1,2,4-TMB = 1,2,4-TRIMETHYLBENZENE (µg/L)  
1,3,5-TMB = 1,3,5-TRIMETHYLBENZENE (µg/L)  
1-M = 1-METHYLNAPHTHALENE (µg/L)  
2-M = 2-METHYLNAPHTHALENE (µg/L)  
B(A)A = BENZO(A)ANTHRACENE (µg/L)

µg/L = MICROGRAMS PER LITER

##### NOTES:

VALUES PRESENTED WITH A LESS THAN SYMBOL (<) DID NOT CONTAIN CONCENTRATIONS AT OR ABOVE THE LABORATORY REPORTING LIMIT.

VALUES PRESENTED IN **BOLD** EXCEED THE ECMC TABLE 915-1 REGULATORY LIMITS AND/OR ECMC NARRATIVE GROUNDWATER QUALITY STANDARDS\*.

\*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 901.B, TABLES FOR TARGET RISK ("TR")=1x10<sup>-6</sup> AND TARGET HAZARD QUOTIENT ("THQ")=0.1. THE EPA RSL FOR TAPWATER, AND RESULTANT NARRATIVE GROUNDWATER QUALITY STANDARDS ARE 1.1 µg/L FOR 1-METHYLNAPHTHALENE AND 3.6 µg/L FOR 2-METHYLNAPHTHALENE.

ECMC = ENGERY & CARBON MANAGEMENT COMMISSION

#### GROUNDWATER ANALYTICAL MAP

(10/03/23)

CODY #D #3-7

HISTORICAL RELEASE

40.255868 / -104.534757

SW¼ NE¼ SEC.3 T3N R64W 6PM

WELD COUNTY, COLORADO

API # 05-123-19037

REMEDIATION # 22154

FIGURE NO.

1

DRAWN BY:

IM



**EAGLE**  
ENVIRONMENTAL  
CONSULTING, LLC

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





# LEGEND

- FORMER WELLHEAD LOCATION
- X APPROXIMATE RELEASE LOCATION
- APPROXIMATE FLOWLINE LOCATION (REMOVED)
- ⊕ APPROXIMATE MONITORING WELL LOCATIONS
- (91.45) RELATIVE GROUNDWATER ELEVATION (FT.)
- INFERRED GROUNDWATER ELEVATION CONTOUR (FT.)
- APPROXIMATE GROUNDWATER FLOW DIRECTION

FT. = FEET

NOTE:  
GROUNDWATER ELEVATION DATA WAS COLLECTED ON  
10/03/23.

HYDRAULIC GRADIENT (MW-02 TO MW-05): 0.015 FT/FT

GROUNDWATER ELEVATION MAP  
(10/03/23)  
CODY #D #3-7  
HISTORICAL RELEASE  
40.255868 / -104.534757  
SW¼ NE¼ SEC.3 T3N R64W 6PM  
WELD COUNTY, COLORADO  
API # 05-123-19037  
REMEDIATION # 22154

FIGURE NO.  
2

DRAWN BY:  
IM



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



## **TABLES**

**Table 1: Groundwater Analytical Results Summary**

**Table 2: Groundwater Elevation Summary**

TABLE 1  
GROUNDWATER ANALYTICAL RESULTS SUMMARY  
CODY #D #3-7  
HISTORICAL RELEASE  
40.255868 / -104.534757  
SW¼ NE¼ SEC.3 T3N R64W 6PM  
WELD COUNTY, COLORADO  
API # 05-123-19037  
REMEDATION # 22154

| Sample Location<br>(Latitude/Longitude)                     | Date     | Benzene<br>(µg/L) | Toluene<br>(µg/L) | Ethylbenzene<br>(µg/L) | Total<br>Xylenes<br>(µg/L) | Naphthalene<br>(µg/L) | 1,2,4-<br>trimethylbenzene<br>(µg/L) | 1,3,5-<br>trimethylbenzene<br>(µg/L) | 1-Methyl-<br>naphthalene<br>(µg/L) | 2-Methyl-<br>naphthalene<br>(µg/L) | Benzo(a)anthracene<br>(µg/L) |
|---|----------|-------------------|-------------------|------------------------|----------------------------|-----------------------|--------------------------------------|--------------------------------------|------------------------------------|------------------------------------|------------------------------|
| <b>ECMC Table 915-1 Regulatory Limits (µg/L)</b>            |          | <b>5</b>          | <b>560</b>        | <b>700</b>             | <b>1400</b>                | <b>140</b>            | <b>67</b>                            | <b>67</b>                            | --                                 | --                                 | --                           |
| <b>ECMC Narrative Groundwater Quality Standards* (µg/L)</b> |          | --                | --                | --                     | --                         | --                    | --                                   | --                                   | <b>1.1*</b>                        | <b>3.6*</b>                        | <b>0.16</b>                  |
| MW-01<br>(40.255857 / -104.534752)                          | 04/17/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.02                              | <0.02                              | <0.02                        |
|   | 07/03/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.02                              | <0.02                              | <0.02                        |
|   | 10/03/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.200                             | <0.200                             | <0.500                       |
|   |          |                   |                   |                        |                            |                       |                                      |                                      |                                    |                                    |                              |
| MW-02<br>(40.255928 / -104.534738)                          | 04/17/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.02                              | <0.02                              | <0.02                        |
|   | 07/03/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.02                              | <0.02                              | <0.02                        |
|   | 10/03/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.200                             | <0.200                             | <0.500                       |
|   |          |                   |                   |                        |                            |                       |                                      |                                      |                                    |                                    |                              |
| MW-03<br>(40.255849 / -104.534634)                          | 04/17/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.02                              | <0.02                              | <0.02                        |
|   | 07/03/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.02                              | <0.02                              | <0.02                        |
|   | 10/03/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.200                             | <0.200                             | <0.500                       |
|   |          |                   |                   |                        |                            |                       |                                      |                                      |                                    |                                    |                              |
| MW-04<br>(40.255776 / -104.534763)                          | 04/17/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.02                              | <0.02                              | <0.02                        |
|   | 07/03/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.02                              | <0.02                              | <0.02                        |
|   | 10/03/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.200                             | <0.200                             | <0.500                       |
|   |          |                   |                   |                        |                            |                       |                                      |                                      |                                    |                                    |                              |
| MW-05<br>(40.255864 / -104.534865)                          | 04/17/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.02                              | <0.02                              | <0.02                        |
|   | 07/03/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.02                              | <0.02                              | <0.02                        |
|   | 10/03/23 | <1.00             | <1.00             | <1.00                  | <1.00                      | <2.00                 | <2.00                                | <2.00                                | <0.200                             | <0.200                             | <0.500                       |
|   |          |                   |                   |                        |                            |                       |                                      |                                      |                                    |                                    |                              |

ECMC = Energy & Carbon Management Commission

µg/L - micrograms per liter

Notes:

\*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 901.b, tables for Target Risk ("TR") =  $1 \times 10^{-6}$  and Target Hazard Quotient ("THQ")=0.1. The EPA RSL for Tapwater, and resultant narrative groundwater quality standard is 1.1 µg/L for 1-methylnaphthalene and 3.6 µg/L for 2-methylnaphthalene.

Values presented with a less than symbol (<) indicate concentrations were not observed at or above the laboratory reporting limit.

Values presented in **BOLD** contained concentrations exceeding applicable ECMC Table 915-1 regulatory limits and/or Quality Standards.

**TABLE 2**  
**GROUNDWATER ELEVATION SUMMARY**  
**CODY #D #3-7**  
**HISTORICAL RELEASE**  
**40.255868 / -104.534757**  
**SW¼ NE¼ SEC.3 T3N R64W 6PM**  
**WELD COUNTY, COLORADO**  
**API # 05-123-19037**  
**REMEDATION # 22154**

| Sample Location<br>(Latitude/Longitude) | Date     | TOC<br>Elevation<br>(feet) | Depth to<br>Groundwater<br>from TOC<br>(feet) | Relative<br>Groundwater<br>Elevation<br>(feet) |
|---|----------|----------------------------|---|--|
| MW-01<br>(40.255857 / -104.534752)      | 04/17/23 | 99.34                      | 3.17  | 96.17  |
|   | 07/03/23 |                            | 2.06  | 97.28  |
|   | 10/03/23 |                            | 2.52  | 96.82  |
|   |          |                            |   |  |
| MW-02<br>(40.255928 / -104.534738)      | 04/17/23 | 99.84                      | 3.47  | 96.37  |
|   | 07/03/23 |                            | 2.46  | 97.38  |
|   | 10/03/23 |                            | 2.80  | 97.04  |
|   |          |                            |   |  |
| MW-03<br>(40.255849 / -104.534634)      | 04/17/23 | 100.00                     | 3.54  | 96.46  |
|   | 07/03/23 |                            | 2.49  | 97.51  |
|   | 10/03/23 |                            | 2.89  | 97.11  |
|   |          |                            |   |  |
| MW-04<br>(40.255776 / -104.534763)      | 04/17/23 | 99.39                      | 3.53  | 95.86  |
|   | 07/03/23 |                            | 2.54  | 96.85  |
|   | 10/03/23 |                            | 2.86  | 96.53  |
|   |          |                            |   |  |
| MW-05<br>(40.255864 / -104.534865)      | 04/17/23 | 99.04                      | 3.27  | 95.77  |
|   | 07/03/23 |                            | 2.21  | 96.83  |
|   | 10/03/23 |                            | 2.55  | 96.49  |
|   |          |                            |   |  |
| NOTES:<br>TOC - top of casing           |          |                            |   |  |



## **ATTACHMENT A**

### **Laboratory Analytical Reports**



October 12, 2023

Eagle Environmental Consulting, LLC

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Cody #D #3-7

Project Number - [none]

Attached are your analytical results for Noble - Cody #D #3-7 received by Origins Laboratory, Inc. October 03, 2023. This project is associated with Origins project number Y310106-01.

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

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

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

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

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

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



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



Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Cody #D #3-7

## CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled          | Date Received    |
|-----------|---------------|--------|-----------------------|------------------|
| MW-01     | Y310106-01    | Water  | October 3, 2023 13:50 | 10/03/2023 16:31 |
| MW-02     | Y310106-02    | Water  | October 3, 2023 14:05 | 10/03/2023 16:31 |
| MW-03     | Y310106-03    | Water  | October 3, 2023 14:20 | 10/03/2023 16:31 |
| MW-04     | Y310106-04    | Water  | October 3, 2023 14:35 | 10/03/2023 16:31 |
| MW-05     | Y310106-05    | Water  | October 3, 2023 14:50 | 10/03/2023 16:31 |

Origins Laboratory, Inc.



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



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

Origins Laboratory

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

### Sample Receipt Checklist

Origins Work Order: 43101060

Client: Eagle

Client Project ID: Cody #D #3-7

Checklist Completed by: EHS

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

Date/time completed: 10/4/23

Airbill #: N/A

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

Cooler Number/Temperature: 1 4.5°C 1°C 1°C (Describe) °C

Thermometer ID: T004

| Requirement Description   | Yes                                 | No                                  | N/A                      | Comments (if any) |
|---|-------------------------------------|-------------------------------------|--------------------------|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Is there ice present (document if blue ice is used)   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |
| Were all samples received intact <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Was adequate sample volume provided <sup>(1)</sup> ?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |
| Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |                   |
| For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                   |
| Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH) | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | NC                |
| Additional Comments (if any):   |                                     |                                     |                          |                   |

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

Reviewed by (Project Manager) [Signature]

Date/Time Reviewed 10/15/23

Origins Laboratory, Inc.

Jefe Pellegrini

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

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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

## MW-01

10/3/2023 1:50:00PM

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

## Origins Laboratory, Inc. Y310106-01 (Water)

### BTEX+N+TMBs by 8260D

|                        |    |      |      |   |         |     |            |            |   |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B3J0422 | JSM | 10/04/2023 | 10/05/2023 | 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 | 86.6 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8            | 103 %  | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene  | 89.0 % | 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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

## MW-02

10/3/2023 2:05:00PM

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

## Origins Laboratory, Inc. Y310106-02 (Water)

### BTEX+N+TMBs by 8260D

|                        |    |      |      |   |         |     |            |            |   |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B3J0422 | JSM | 10/04/2023 | 10/05/2023 | 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 | 87.1 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8            | 107 %  | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene  | 91.7 % | 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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

**MW-03**  
**10/3/2023 2:20:00PM**

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

**Origins Laboratory, Inc.**  
**Y310106-03 (Water)**

**BTEX+N+TMBs by 8260D**

|                        |    |      |      |   |         |     |            |            |   |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B3J0422 | JSM | 10/04/2023 | 10/05/2023 | 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 | 91.7 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8            | 108 %  | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene  | 88.6 % | 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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

## MW-04

10/3/2023 2:35:00PM

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

## Origins Laboratory, Inc. Y310106-04 (Water)

### BTEX+N+TMBs by 8260D

|                        |    |      |      |   |         |     |            |            |   |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B3J0422 | JSM | 10/04/2023 | 10/05/2023 | 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 | 86.4 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8            | 103 %  | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene  | 88.1 % | 70-130 | " | " | " |

Origins Laboratory, Inc.



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

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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

## MW-05

10/3/2023 2:50:00PM

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

## Origins Laboratory, Inc. Y310106-05 (Water)

### BTEX+N+TMBs by 8260D

|                        |    |      |      |   |         |     |            |            |   |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B3J0422 | JSM | 10/04/2023 | 10/05/2023 | 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 | 90.1 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8            | 102 %  | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene  | 86.3 % | 70-130 | " | " | " |

Origins Laboratory, Inc.



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

**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 B3J0422 - EPA 5030B (Water) |        |                 |       |             |   |      |             |     |           |       |
| Blank (B3J0422-BLK1)              |        |                 |       |             | Prepared: 10/04/2023 Analyzed: 10/04/2023 |      |             |     |           |       |
| 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  | 52     |                 | "     | 62.5        |   | 83.4 | 70-130      |     |           |       |
| Surrogate: Toluene-d8             | 65     |                 | "     | 62.5        |   | 105  | 70-130      |     |           |       |
| Surrogate: 4-Bromofluorobenzene   | 55     |                 | "     | 62.5        |   | 88.7 | 70-130      |     |           |       |

Origins Laboratory, Inc.



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

**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 |
|--|--------|-----------------|-------|-------------|---|------|-------------|-----|-----------|-------|
| <b>Batch B3J0422 - EPA 5030B (Water)</b> |        |                 |       |             |   |      |             |     |           |       |
| <b>LCS (B3J0422-BS1)</b>                 |        |                 |       |             | Prepared: 10/04/2023 Analyzed: 10/04/2023 |      |             |     |           |       |
| 1,2,4-Trimethylbenzene                   | 41.0   | 2.00            | ug/L  | 50.0        |   | 82.0 | 70-130      |     |           |       |
| 1,3,5-Trimethylbenzene                   | 43.1   | 2.00            | "     | 50.0        |   | 86.2 | 70-130      |     |           |       |
| Benzene                                  | 41.6   | 1.00            | "     | 50.0        |   | 83.2 | 70-130      |     |           |       |
| Ethylbenzene                             | 44.2   | 1.00            | "     | 50.0        |   | 88.4 | 70-130      |     |           |       |
| m,p-Xylene                               | 88.8   | 2.00            | "     | 100         |   | 88.8 | 70-130      |     |           |       |
| Naphthalene                              | 46.0   | 2.00            | "     | 50.0        |   | 92.1 | 70-130      |     |           |       |
| o-Xylene                                 | 45.0   | 1.00            | "     | 50.0        |   | 90.1 | 70-130      |     |           |       |
| Toluene                                  | 41.8   | 1.00            | "     | 50.0        |   | 83.6 | 70-130      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4         | 55     |                 | "     | 62.5        |   | 87.4 | 70-130      |     |           |       |
| Surrogate: Toluene-d8                    | 65     |                 | "     | 62.5        |   | 105  | 70-130      |     |           |       |
| Surrogate: 4-Bromofluorobenzene          | 53     |                 | "     | 62.5        |   | 84.2 | 70-130      |     |           |       |

Origins Laboratory, Inc.



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

## 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 B3J0422 - EPA 5030B (Water) |        |                    |       |             |   |      |             |     |           |       |
| Matrix Spike (B3J0422-MS1)        |        | Source: Y310058-01 |       |             | Prepared: 10/04/2023 Analyzed: 10/04/2023 |      |             |     |           |       |
| 1,2,4-Trimethylbenzene            | 39.5   | 2.00               | ug/L  | 50.0        | ND  | 79.0 | 70-130      |     |           |       |
| 1,3,5-Trimethylbenzene            | 40.0   | 2.00               | "     | 50.0        | ND  | 79.9 | 70-130      |     |           |       |
| Benzene                           | 38.4   | 1.00               | "     | 50.0        | ND  | 76.9 | 70-130      |     |           |       |
| Ethylbenzene                      | 41.7   | 1.00               | "     | 50.0        | ND  | 83.3 | 70-130      |     |           |       |
| m,p-Xylene                        | 80.1   | 2.00               | "     | 100         | ND  | 80.1 | 70-130      |     |           |       |
| Naphthalene                       | 46.0   | 2.00               | "     | 50.0        | ND  | 92.0 | 70-130      |     |           |       |
| o-Xylene                          | 42.6   | 1.00               | "     | 50.0        | ND  | 85.2 | 70-130      |     |           |       |
| Toluene                           | 38.1   | 1.00               | "     | 50.0        | ND  | 76.2 | 70-130      |     |           |       |
| Surrogate: 1,2-Dichloroethane-d4  | 53     |                    | "     | 62.5        |   | 84.9 | 70-130      |     |           |       |
| Surrogate: Toluene-d8             | 63     |                    | "     | 62.5        |   | 101  | 70-130      |     |           |       |
| Surrogate: 4-Bromofluorobenzene   | 50     |                    | "     | 62.5        |   | 80.7 | 70-130      |     |           |       |

Origins Laboratory, Inc.



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

## 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 B3J0422 - EPA 5030B (Water) |        |                    |       |             |   |      |             |       |           |       |
| Matrix Spike Dup (B3J0422-MSD1)   |        | Source: Y310058-01 |       |             | Prepared: 10/04/2023 Analyzed: 10/04/2023 |      |             |       |           |       |
| 1,2,4-Trimethylbenzene            | 38.7   | 2.00               | ug/L  | 50.0        | ND  | 77.5 | 70-130      | 1.99  | 20        |       |
| 1,3,5-Trimethylbenzene            | 39.2   | 2.00               | "     | 50.0        | ND  | 78.4 | 70-130      | 1.87  | 20        |       |
| Benzene                           | 38.5   | 1.00               | "     | 50.0        | ND  | 77.0 | 70-130      | 0.234 | 20        |       |
| Ethylbenzene                      | 40.8   | 1.00               | "     | 50.0        | ND  | 81.6 | 70-130      | 2.04  | 20        |       |
| m,p-Xylene                        | 80.9   | 2.00               | "     | 100         | ND  | 80.9 | 70-130      | 0.969 | 20        |       |
| Naphthalene                       | 43.1   | 2.00               | "     | 50.0        | ND  | 86.2 | 70-130      | 6.53  | 20        |       |
| o-Xylene                          | 43.1   | 1.00               | "     | 50.0        | ND  | 86.2 | 70-130      | 1.17  | 20        |       |
| Toluene                           | 38.3   | 1.00               | "     | 50.0        | ND  | 76.5 | 70-130      | 0.471 | 20        |       |
| Surrogate: 1,2-Dichloroethane-d4  | 51     |                    | "     | 62.5        |   | 82.3 | 70-130      |       |           |       |
| Surrogate: Toluene-d8             | 66     |                    | "     | 62.5        |   | 105  | 70-130      |       |           |       |
| Surrogate: 4-Bromofluorobenzene   | 51     |                    | "     | 62.5        |   | 82.2 | 70-130      |       |           |       |

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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

### 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.*

Jen Pellegrini For Noelle Doyle Mathis, President



October 16, 2023

Eagle Environmental Consulting, LLC

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Cody #D #3-7

Project Number - [none]

Attached are your analytical results for Noble - Cody #D #3-7 received by Origins Laboratory, Inc. October 03, 2023. This project is associated with Origins project number Y310107-01.

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

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

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

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

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

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



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

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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

## CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled          | Date Received    |
|-----------|---------------|--------|-----------------------|------------------|
| MW-01     | Y310107-01    | Water  | October 3, 2023 13:50 | 10/03/2023 16:31 |
| MW-02     | Y310107-02    | Water  | October 3, 2023 14:05 | 10/03/2023 16:31 |
| MW-03     | Y310107-03    | Water  | October 3, 2023 14:20 | 10/03/2023 16:31 |
| MW-04     | Y310107-04    | Water  | October 3, 2023 14:35 | 10/03/2023 16:31 |
| MW-05     | Y310107-05    | Water  | October 3, 2023 14:50 | 10/03/2023 16:31 |

Origins Laboratory, Inc.



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

## MW-01

10/3/2023 1:50:00PM

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

## Origins Laboratory, Inc. Y310107-01 (Water)

### PAH by EPA 8270E

|                      |    |       |      |   |         |       |            |            |   |
|----------------------|----|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene  | ND | 0.200 | ug/L | 1 | B3J0927 | Windo | 10/09/2023 | 10/10/2023 | U |
| 2-Methylnaphthalene  | ND | 0.200 | "    | " | "       | Windo | "          | "          | U |
| Benzo (a) anthracene | ND | 0.500 | "    | " | "       | Windo | "          | "          | U |

|                                 |        |        |   |   |   |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10         | 95.9 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10       | 90.1 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 99.2 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10           | 116 %  | 60-130 | " | " | " |

Origins Laboratory, Inc.



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

## MW-02

10/3/2023 2:05:00PM

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

## Origins Laboratory, Inc. Y310107-02 (Water)

### PAH by EPA 8270E

|                      |    |       |      |   |         |       |            |            |   |
|----------------------|----|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene  | ND | 0.200 | ug/L | 1 | B3J0927 | Windo | 10/09/2023 | 10/10/2023 | U |
| 2-Methylnaphthalene  | ND | 0.200 | "    | " | "       | Windo | "          | "          | U |
| Benzo (a) anthracene | ND | 0.500 | "    | " | "       | Windo | "          | "          | U |

|                                 |        |        |   |   |   |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10         | 95.8 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10       | 104 %  | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 95.5 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10           | 122 %  | 60-130 | " | " | " |

Origins Laboratory, Inc.



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

## MW-03

10/3/2023 2:20:00PM

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

## Origins Laboratory, Inc. Y310107-03 (Water)

### PAH by EPA 8270E

|                      |    |       |      |   |         |       |            |            |   |
|----------------------|----|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene  | ND | 0.200 | ug/L | 1 | B3J0927 | Windo | 10/09/2023 | 10/10/2023 | U |
| 2-Methylnaphthalene  | ND | 0.200 | "    | " | "       | Windo | "          | "          | U |
| Benzo (a) anthracene | ND | 0.500 | "    | " | "       | Windo | "          | "          | U |

|                                 |        |        |   |   |   |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10         | 97.4 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10       | 95.4 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 97.8 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10           | 120 %  | 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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

## MW-04

10/3/2023 2:35:00PM

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

## Origins Laboratory, Inc. Y310107-04 (Water)

### PAH by EPA 8270E

|                      |    |       |      |   |         |       |            |            |   |
|----------------------|----|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene  | ND | 0.200 | ug/L | 1 | B3J0927 | Windo | 10/09/2023 | 10/10/2023 | U |
| 2-Methylnaphthalene  | ND | 0.200 | "    | " | "       | Windo | "          | "          | U |
| Benzo (a) anthracene | ND | 0.500 | "    | " | "       | Windo | "          | "          | U |

|                                 |        |        |   |   |   |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10         | 98.0 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10       | 104 %  | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 97.4 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10           | 114 %  | 60-130 | " | " | " |

Origins Laboratory, Inc.



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

**MW-05**  
**10/3/2023 2:50:00PM**

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

**Origins Laboratory, Inc.**  
**Y310107-05 (Water)**

**PAH by EPA 8270E**

|                      |    |       |      |   |         |       |            |            |   |
|----------------------|----|-------|------|---|---------|-------|------------|------------|---|
| 1-Methylnaphthalene  | ND | 0.200 | ug/L | 1 | B3J0927 | Windo | 10/09/2023 | 10/10/2023 | U |
| 2-Methylnaphthalene  | ND | 0.200 | "    | " | "       | Windo | "          | "          | U |
| Benzo (a) anthracene | ND | 0.500 | "    | " | "       | Windo | "          | "          | U |

|                                 |        |        |   |   |   |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10         | 94.0 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10       | 93.4 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 97.1 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10           | 108 %  | 60-130 | " | " | " |

Origins Laboratory, Inc.



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

**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 B3J0927 - EPA 3510C\_MS**

**Blank (B3J0927-BLK1)**

Prepared: 10/09/2023 Analyzed: 10/10/2023

|                                 |     |       |      |     |  |      |        |  |  |   |
|---------------------------------|-----|-------|------|-----|--|------|--------|--|--|---|
| 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         | 190 |       | "    | 200 |  | 96.7 | 60-130 |  |  |   |
| Surrogate: Anthracene-d10       | 210 |       | "    | 200 |  | 106  | 60-130 |  |  |   |
| Surrogate: Benzo (a) pyrene-d12 | 200 |       | "    | 200 |  | 99.2 | 60-130 |  |  |   |
| Surrogate: Pyrene-d10           | 220 |       | "    | 200 |  | 108  | 60-130 |  |  |   |

**LCS (B3J0927-BS1)**

Prepared: 10/09/2023 Analyzed: 10/10/2023

|                     |      |       |      |      |  |      |        |
|---------------------|------|-------|------|------|--|------|--------|
| 1-Methylnaphthalene | 18.8 | 0.200 | ug/L | 20.0 |  | 93.8 | 70-130 |
| 2-Methylnaphthalene | 19.3 | 0.200 | "    | 20.0 |  | 96.6 | 70-130 |
| Acenaphthene        | 19.2 | 2.00  | "    | 20.0 |  | 96.2 | 70-130 |
| Anthracene          | 17.1 | 2.00  | "    | 20.0 |  | 85.7 | 70-130 |

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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

**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 B3J0927 - EPA 3510C\_MS**

**LCS (B3J0927-BS1)**

Prepared: 10/09/2023 Analyzed: 10/10/2023

|                                 |      |       |      |      |  |      |        |
|---------------------------------|------|-------|------|------|--|------|--------|
| Benzo (a) anthracene            | 16.9 | 0.500 | ug/L | 20.0 |  | 84.7 | 70-130 |
| Benzo (a) pyrene                | 18.0 | 2.00  | "    | 20.0 |  | 90.0 | 70-130 |
| Benzo (b) fluoranthene          | 18.9 | 2.00  | "    | 20.0 |  | 94.3 | 70-130 |
| Benzo (g,h,i) perylene          | 18.2 | 2.00  | "    | 20.0 |  | 91.1 | 70-130 |
| Benzo (k) fluoranthene          | 17.0 | 2.00  | "    | 20.0 |  | 85.2 | 70-130 |
| Chrysene                        | 17.8 | 2.00  | "    | 20.0 |  | 88.9 | 70-130 |
| Dibenz (a,h) anthracene         | 18.1 | 2.00  | "    | 20.0 |  | 90.3 | 70-130 |
| Fluoranthene                    | 17.9 | 2.00  | "    | 20.0 |  | 89.5 | 70-130 |
| Fluorene                        | 18.6 | 2.00  | "    | 20.0 |  | 93.2 | 70-130 |
| Indeno (1,2,3-cd) pyrene        | 19.1 | 2.00  | "    | 20.0 |  | 95.3 | 70-130 |
| Naphthalene                     | 20.0 | 0.200 | "    | 20.0 |  | 99.8 | 70-130 |
| Phenanthrene                    | 18.9 | 2.00  | "    | 20.0 |  | 94.3 | 70-130 |
| Pyrene                          | 18.7 | 2.00  | "    | 20.0 |  | 93.4 | 70-130 |
| Surrogate: Fluorene-d10         | 200  |       | "    | 200  |  | 99.4 | 60-130 |
| Surrogate: Anthracene-d10       | 200  |       | "    | 200  |  | 101  | 60-130 |
| Surrogate: Benzo (a) pyrene-d12 | 200  |       | "    | 200  |  | 100  | 60-130 |
| Surrogate: Pyrene-d10           | 200  |       | "    | 200  |  | 98.6 | 60-130 |

**Matrix Spike (B3J0927-MS1)**

**Source: Y310107-01**

Prepared: 10/09/2023 Analyzed: 10/10/2023

|                        |      |       |      |      |    |      |        |
|------------------------|------|-------|------|------|----|------|--------|
| 1-Methylnaphthalene    | 19.5 | 0.200 | ug/L | 20.0 | ND | 97.5 | 70-130 |
| 2-Methylnaphthalene    | 18.5 | 0.200 | "    | 20.0 | ND | 92.4 | 70-130 |
| Acenaphthene           | 18.9 | 2.00  | "    | 20.0 | ND | 94.4 | 70-130 |
| Anthracene             | 17.7 | 2.00  | "    | 20.0 | ND | 88.6 | 70-130 |
| Benzo (a) anthracene   | 17.8 | 0.500 | "    | 20.0 | ND | 89.0 | 70-130 |
| Benzo (a) pyrene       | 18.9 | 2.00  | "    | 20.0 | ND | 94.7 | 70-130 |
| Benzo (b) fluoranthene | 18.9 | 2.00  | "    | 20.0 | ND | 94.6 | 70-130 |
| Benzo (g,h,i) perylene | 18.3 | 2.00  | "    | 20.0 | ND | 91.4 | 70-130 |

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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

**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 B3J0927 - EPA 3510C\_MS**

| Matrix Spike (B3J0927-MS1)      |      | Source: Y310107-01 |      |      | Prepared: 10/09/2023 Analyzed: 10/10/2023 |      |        |  |  |  |
|---------------------------------|------|--------------------|------|------|---|------|--------|--|--|--|
| Benzo (k) fluoranthene          | 16.2 | 2.00               | ug/L | 20.0 | ND  | 81.1 | 70-130 |  |  |  |
| Chrysene                        | 18.3 | 2.00               | "    | 20.0 | ND  | 91.3 | 70-130 |  |  |  |
| Dibenz (a,h) anthracene         | 16.6 | 2.00               | "    | 20.0 | ND  | 83.2 | 70-130 |  |  |  |
| Fluoranthene                    | 18.1 | 2.00               | "    | 20.0 | ND  | 90.3 | 70-130 |  |  |  |
| Fluorene                        | 18.6 | 2.00               | "    | 20.0 | ND  | 93.0 | 70-130 |  |  |  |
| Indeno (1,2,3-cd) pyrene        | 18.1 | 2.00               | "    | 20.0 | ND  | 90.3 | 70-130 |  |  |  |
| Naphthalene                     | 19.3 | 0.200              | "    | 20.0 | ND  | 96.3 | 70-130 |  |  |  |
| Phenanthrene                    | 18.4 | 2.00               | "    | 20.0 | ND  | 92.2 | 70-130 |  |  |  |
| Pyrene                          | 20.3 | 2.00               | "    | 20.0 | ND  | 101  | 70-130 |  |  |  |
| Surrogate: Fluorene-d10         | 200  |                    | "    | 200  |   | 98.1 | 60-130 |  |  |  |
| Surrogate: Anthracene-d10       | 210  |                    | "    | 200  |   | 105  | 60-130 |  |  |  |
| Surrogate: Benzo (a) pyrene-d12 | 200  |                    | "    | 200  |   | 100  | 60-130 |  |  |  |
| Surrogate: Pyrene-d10           | 210  |                    | "    | 200  |   | 106  | 60-130 |  |  |  |

| Matrix Spike Dup (B3J0927-MSD1) |      | Source: Y310107-01 |      |      | Prepared: 10/09/2023 Analyzed: 10/10/2023 |      |        |        |    |  |
|---------------------------------|------|--------------------|------|------|---|------|--------|--------|----|--|
| 1-Methylnaphthalene             | 19.7 | 0.200              | ug/L | 20.0 | ND  | 98.6 | 70-130 | 1.11   | 20 |  |
| 2-Methylnaphthalene             | 19.1 | 0.200              | "    | 20.0 | ND  | 95.4 | 70-130 | 3.18   | 20 |  |
| Acenaphthene                    | 19.3 | 2.00               | "    | 20.0 | ND  | 96.4 | 70-130 | 2.09   | 20 |  |
| Anthracene                      | 17.4 | 2.00               | "    | 20.0 | ND  | 87.1 | 70-130 | 1.64   | 20 |  |
| Benzo (a) anthracene            | 18.7 | 0.500              | "    | 20.0 | ND  | 93.5 | 70-130 | 4.98   | 20 |  |
| Benzo (a) pyrene                | 19.5 | 2.00               | "    | 20.0 | ND  | 97.7 | 70-130 | 3.07   | 20 |  |
| Benzo (b) fluoranthene          | 18.0 | 2.00               | "    | 20.0 | ND  | 90.0 | 70-130 | 4.91   | 20 |  |
| Benzo (g,h,i) perylene          | 18.0 | 2.00               | "    | 20.0 | ND  | 90.0 | 70-130 | 1.49   | 20 |  |
| Benzo (k) fluoranthene          | 17.3 | 2.00               | "    | 20.0 | ND  | 86.6 | 70-130 | 6.53   | 20 |  |
| Chrysene                        | 18.1 | 2.00               | "    | 20.0 | ND  | 90.7 | 70-130 | 0.583  | 20 |  |
| Dibenz (a,h) anthracene         | 17.3 | 2.00               | "    | 20.0 | ND  | 86.4 | 70-130 | 3.68   | 20 |  |
| Fluoranthene                    | 18.1 | 2.00               | "    | 20.0 | ND  | 90.3 | 70-130 | 0.0214 | 20 |  |

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8000 W 44th Ave  
Wheat Ridge CO 80033

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Cody #D #3-7

**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 B3J0927 - EPA 3510C\_MS

| Matrix Spike Dup (B3J0927-MSD1) |      | Source: Y310107-01 |      |      | Prepared: 10/09/2023 Analyzed: 10/10/2023 |      |        |       |    |  |
|---------------------------------|------|--------------------|------|------|---|------|--------|-------|----|--|
| Fluorene                        | 19.0 | 2.00               | ug/L | 20.0 | ND  | 95.2 | 70-130 | 2.34  | 20 |  |
| Indeno (1,2,3-cd) pyrene        | 17.2 | 2.00               | "    | 20.0 | ND  | 86.1 | 70-130 | 4.73  | 20 |  |
| Naphthalene                     | 19.4 | 0.200              | "    | 20.0 | ND  | 97.2 | 70-130 | 0.940 | 20 |  |
| Phenanthrene                    | 19.0 | 2.00               | "    | 20.0 | ND  | 94.9 | 70-130 | 2.92  | 20 |  |
| Pyrene                          | 21.0 | 2.00               | "    | 20.0 | ND  | 105  | 70-130 | 3.23  | 20 |  |
| Surrogate: Fluorene-d10         | 200  |                    | "    | 200  |   | 100  | 60-130 |       |    |  |
| Surrogate: Anthracene-d10       | 180  |                    | "    | 200  |   | 88.4 | 60-130 |       |    |  |
| Surrogate: Benzo (a) pyrene-d12 | 200  |                    | "    | 200  |   | 98.2 | 60-130 |       |    |  |
| Surrogate: Pyrene-d10           | 220  |                    | "    | 200  |   | 108  | 60-130 |       |    |  |

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Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Cody #D #3-7

### 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.

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Jen Pellegrini For Noelle Doyle Mathis, President