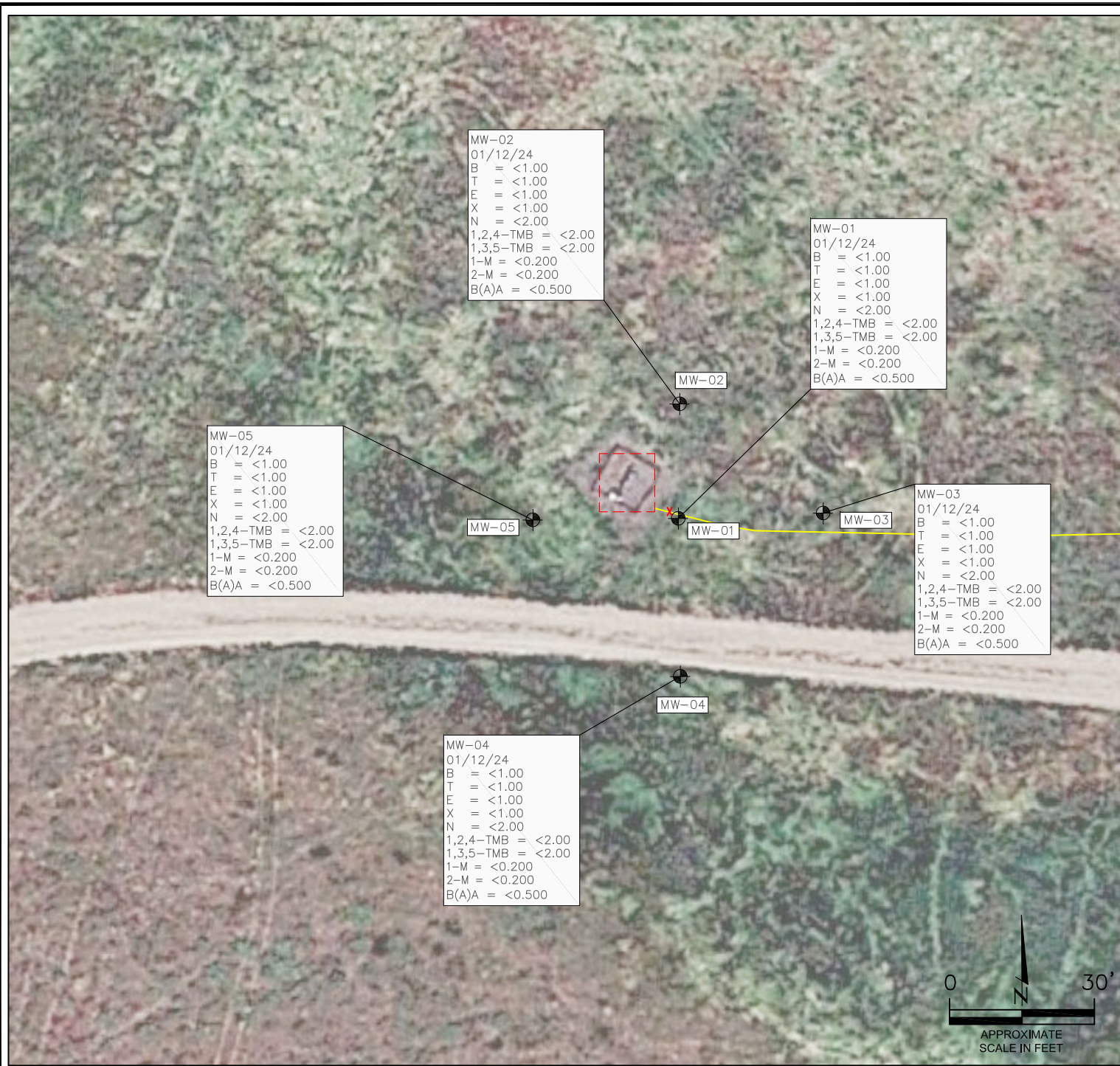




## **FIGURES**

**Figure 1: Groundwater Analytical Map (01/12/24)**

**Figure 2: Groundwater Elevation Map (01/12/24)**



#### 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

(01/12/24)

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  
01/12/24.

HYDRAULIC GRADIENT (MW-02 TO MW-05): 0.016 FT/FT

GROUNDWATER ELEVATION MAP  
(01/12/24)  
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

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: Inorganics Groundwater Parameters Summary**

**Table 3: 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 (Latitude/Longitude)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- trimethylbenzene (µg/L)	1,3,5- trimethylbenzene (µg/L)	1-Methyl- naphthalene (µg/L)	2-Methyl- naphthalene (µg/L)	Benzo(a)anthracene (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 (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
	01/12/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200	<0.500
MW-02 (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
	01/12/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200	<0.500
MW-03 (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
	01/12/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200	<0.500
MW-04 (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
	01/12/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200	<0.500
MW-05 (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
	01/12/24	<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") = 1x10 <sup>-6</sup> 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 <b>BOLD</b> contained concentrations exceeding applicable ECMC Table 915-1 regulatory limits and/or Quality Standards.											

TABLE 2  
INORGANICS GROUNDWATER PARAMETERS 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 (Latitude/Longitude)	Date	Chlorides (mg/L)	Sulfates (mg/L)	Total Dissolved Solids (mg/L)
<i>ECMC Table 915-1 Regulatory Limits (mg/L)</i>		250	1.25 x Local Background (1700)	1.25 x Local Background (3175)
MW-01 (40.255857 / -104.534752)	04/17/23	204	1650	3010
MW-02 (40.255928 / -104.534738)	04/17/23	126	1360	2400
MW-03 (40.255849 / -104.534634)	04/17/23	154	<31.2	2540
MW-04 (40.255776 / -104.534763)	04/17/23	166	<b>1710</b>	2280
MW-05 (40.255864 / -104.534865)	04/17/23	145	1330	2440
ECMC = Energy & Carbon Management Commission mg/L - milligrams per liter  Note: The Inorganic Groundwater Parameters from up-gradient and cross-gradient monitoring wells MW-02 and MW-03 were used in the determination of "local background" levels for sulfate and total dissolved solids at the site. Local "regulatory limit" (1.25*local background) presented (in parentheses).  Values presented in <b>bold</b> typeface exceed their respective ECMC - Regulatory Limits (Table 915-1).				



**TABLE 3**  
**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**  
**REMEDIATION # 22154**

Sample Location (Latitude/Longitude)	Date	TOC Elevation (feet)	Depth to Groundwater from TOC (feet)	Relative Groundwater Elevation (feet)
MW-01 (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
	01/12/24		2.93	96.41
MW-02 (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
	01/12/24		3.22	96.62
MW-03 (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
	01/12/24		3.28	96.72
MW-04 (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
	01/12/24		3.20	96.19
MW-05 (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
	01/12/24		3.01	96.03
NOTES: TOC - top of casing				



## **ATTACHMENT A**

### **Groundwater Laboratory Analytical Reports (2Q23 thru 1Q24)**





April 27, 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. April 17, 2023. This project is associated with Origins project number Y304387-01.

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	Y304387-01	Water	April 17, 2023 11:45	04/17/2023 16:13
MW-02	Y304387-02	Water	April 17, 2023 12:00	04/17/2023 16:13
MW-03	Y304387-03	Water	April 17, 2023 12:15	04/17/2023 16:13
MW-04	Y304387-04	Water	April 17, 2023 12:30	04/17/2023 16:13
MW-05	Y304387-05	Water	April 17, 2023 12:45	04/17/2023 16:13

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, INC

www.originslaboratory.com

4304387 page / of /

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

Project Manager: Martin Eckert III  
Project Name: Cody #D #3-7  
Project Number:  
Samples Collected By: EL

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

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air Summa Canister #			Other
MW-01	4/17/23	1145	3	X				X				X	1
MW-02		1200											2
MW-03		1215											3
MW-04		1230											4
MW-05		1245											5
													6
													7
													8
													9
													10

Relinquished By: [Signature] Date: 4/17/23 Time: 1613  
Relinquished By: [Signature] Date: [ ] Time: [ ]

Received By: EHS Date: 4/17/23 Time: 1613  
Received By: [ ] Date: [ ] Time: [ ]

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

Date Results Needed: 4/16/23

Temp Received: 3.4

Bill to Dan

Origins Laboratory, Inc.

*Bynon*

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

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

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

Origins Laboratory

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

### Sample Receipt Checklist

Origins Work Order: 4304387

Client: Eagle Environ

Client Project ID: Cody #D #3-7

Checklist Completed by: JH19HS

Shipped Via: TD

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

Date/time completed: 4/18/23

Airbill #: na

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

Cooler Number/Temperature: 134 °C 1 °C 1 °C (Describe) °C

Thermometer ID: TD04

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

Date/Time Reviewed 4/19/23

Origins Laboratory, Inc.

*J. Bynon*

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



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

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

## MW-01

4/17/2023 11:45:00AM

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

## Origins Laboratory, Inc. Y304387-01 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B3D1806	JSM	04/18/2023	04/18/2023	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	103 %	70-130	"	"	"
Surrogate: Toluene-d8	96.9 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	94.9 %	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

4/17/2023 12:00:00PM

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

## Origins Laboratory, Inc. Y304387-02 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B3D1806	JSM	04/18/2023	04/18/2023	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	99.5 %	70-130	"	"	"
Surrogate: Toluene-d8	98.4 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	92.6 %	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-03

4/17/2023 12:15:00PM

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

## Origins Laboratory, Inc. Y304387-03 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B3D1806	JSM	04/18/2023	04/18/2023	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	104 %	70-130	"	"	"
Surrogate: Toluene-d8	92.7 %	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

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

## MW-04

4/17/2023 12:30:00PM

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

## Origins Laboratory, Inc. Y304387-04 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B3D1806	JSM	04/18/2023	04/18/2023	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	107 %	70-130	"	"	"
Surrogate: Toluene-d8	92.3 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	107 %	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

4/17/2023 12:45:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y304387-05 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B3D1806	JSM	04/18/2023	04/18/2023	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	107 %	70-130	"	"	"
Surrogate: Toluene-d8	93.5 %	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

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 B3D1806 - EPA 5030B (Water)										
Blank (B3D1806-BLK1)					Prepared: 04/18/2023 Analyzed: 04/18/2023					
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	63		"	62.5		101	70-130			
Surrogate: Toluene-d8	64		"	62.5		103	70-130			
Surrogate: 4-Bromofluorobenzene	54		"	62.5		87.0	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

## 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 B3D1806 - EPA 5030B (Water)										
LCS (B3D1806-BS1)					Prepared: 04/18/2023 Analyzed: 04/18/2023					
1,2,4-Trimethylbenzene	46.8	2.00	ug/L	50.0		93.6	70-130			
1,3,5-Trimethylbenzene	47.7	2.00	"	50.0		95.4	70-130			
Benzene	45.7	1.00	"	50.0		91.5	70-130			
Ethylbenzene	41.2	1.00	"	50.0		82.4	70-130			
m,p-Xylene	86.2	2.00	"	100		86.2	70-130			
Naphthalene	48.7	2.00	"	50.0		97.4	70-130			
o-Xylene	41.1	1.00	"	50.0		82.3	70-130			
Toluene	50.6	1.00	"	50.0		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	63		"	62.5		101	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.3	70-130			
Surrogate: 4-Bromofluorobenzene	55		"	62.5		88.3	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
<b>Batch B3D1806 - EPA 5030B (Water)</b>										
<b>Matrix Spike (B3D1806-MS1)</b>		<b>Source: Y304358-01</b>			Prepared: 04/18/2023 Analyzed: 04/18/2023					
1,2,4-Trimethylbenzene	50.1	2.00	ug/L	50.0	ND	100	70-130			
1,3,5-Trimethylbenzene	52.5	2.00	"	50.0	ND	105	70-130			
Benzene	50.1	1.00	"	50.0	ND	100	70-130			
Ethylbenzene	49.2	1.00	"	50.0	ND	98.5	70-130			
m,p-Xylene	103	2.00	"	100	ND	103	70-130			
Naphthalene	44.4	2.00	"	50.0	ND	88.9	70-130			
o-Xylene	48.1	1.00	"	50.0	ND	96.2	70-130			
Toluene	55.1	1.00	"	50.0	ND	110	70-130			
Surrogate: 1,2-Dichloroethane-d4	63		"	62.5		101	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.1	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

**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 B3D1806 - EPA 5030B (Water)</b>										
<b>Matrix Spike Dup (B3D1806-MSD1)</b>	<b>Source: Y304358-01</b>				Prepared: 04/18/2023 Analyzed: 04/18/2023					
1,2,4-Trimethylbenzene	48.6	2.00	ug/L	50.0	ND	97.3	70-130	2.96	20	
1,3,5-Trimethylbenzene	50.2	2.00	"	50.0	ND	100	70-130	4.36	20	
Benzene	49.7	1.00	"	50.0	ND	99.4	70-130	0.721	20	
Ethylbenzene	47.7	1.00	"	50.0	ND	95.5	70-130	3.11	20	
m,p-Xylene	100	2.00	"	100	ND	100	70-130	2.38	20	
Naphthalene	44.8	2.00	"	50.0	ND	89.7	70-130	0.896	20	
o-Xylene	45.5	1.00	"	50.0	ND	90.9	70-130	5.62	20	
Toluene	54.6	1.00	"	50.0	ND	109	70-130	0.821	20	
Surrogate: 1,2-Dichloroethane-d4	63		"	62.5		100	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.4	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

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.*



April 21, 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. April 17, 2023. This project is associated with Origins project number Y304389-01.

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	Y304389-01	Water	April 17, 2023 11:45	04/17/2023 16:13
MW-02	Y304389-02	Water	April 17, 2023 12:00	04/17/2023 16:13
MW-03	Y304389-03	Water	April 17, 2023 12:15	04/17/2023 16:13
MW-04	Y304389-04	Water	April 17, 2023 12:30	04/17/2023 16:13
MW-05	Y304389-05	Water	April 17, 2023 12:45	04/17/2023 16:13

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

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page 1 of 1

4304389

Client: Eagle Environmental Consulting  
Address: 8000 W 44th Ave  
Wheat Ridge, CO 80033  
Telephone Number: 303-433-0479  
Email Address: m.c.eckert@originslab.com

Project Manager: Martin Eckert III  
Project Name: Cody #D #3-7  
Project Number:  
Samples Collected By: EL

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air Summa Canister #			Other
MW-01	4/17/23	1145	2	X				X				1	
MW-02		1200										2	
MW-03		1215										3	
MW-04		1230										4	
MW-05		1245										5	
												6	
												7	
												8	
												9	
												10	

Relinquished By: [Signature] Date: 4/17/23 Time: 1613  
Relinquished By: [Signature] Date: 4/17/23 Time: 1613

Received By: EHS Date: 4/17/23 Time: 1613  
Received By: [Signature] Date: 4/17/23 Time: 1613

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

Date Results Needed: 4/17/23

Temp Received: 34

4/16/11/5/20

Origins Laboratory, Inc.

*Bynon*

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



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

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

Origins Laboratory

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

## Sample Receipt Checklist

Origins Work Order: 4304389

Client: Eagle Environ

Client Project ID: Cody #D #3-7

Checklist Completed by: JH/CMS

Shipped Via: TD

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

Date/time completed: 4/19/23

Airbill #: N/A

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

Cooler Number/Temperature: 134 °C / °C / °C (Describe)

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

4/19/23  
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

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

## MW-01

4/17/2023 11:45:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Waypoint Analytical, LLC.

Y304389-01 (Water)

### PAH by 8270D SIM

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L677354	04/20/2023	04/20/2023
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"
Benzo(a)anthracene	ND	0.0113	0.02	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	93.1 %	70-130	"	"	"
Surrogate: 4-Terphenyl-d14	121 %	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****4/17/2023 12:00:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Waypoint Analytical, LLC.**  
**Y304389-02 (Water)****PAH by 8270D SIM**

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L677354	04/20/2023	04/20/2023
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"
Benzo(a)anthracene	ND	0.0113	0.02	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	113 %	70-130	"	"	"
Surrogate: 4-Terphenyl-d14	126 %	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

4/17/2023 12:15:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Waypoint Analytical, LLC.

Y304389-03 (Water)

### PAH by 8270D SIM

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L677354	04/20/2023	04/20/2023
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"
Benzo(a)anthracene	ND	0.0113	0.02	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	106 %	70-130	"	"	"
Surrogate: 4-Terphenyl-d14	117 %	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

4/17/2023 12:30:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Waypoint Analytical, LLC.

Y304389-04 (Water)

### PAH by 8270D SIM

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L677354	04/20/2023	04/20/2023	
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"	
Benzo(a)anthracene	ND	0.0113	0.02	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	103 %		70-130			"	"	"	
Surrogate: 4-Terphenyl-d14	141 %		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

4/17/2023 12:45:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Waypoint Analytical, LLC.

Y304389-05 (Water)

### PAH by 8270D SIM

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L677354	04/20/2023	04/20/2023	
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"	
Benzo(a)anthracene	ND	0.0113	0.02	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	112 %		70-130			"	"	"	
Surrogate: 4-Terphenyl-d14	138 %		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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch L677354 - 3511</b>										
<b>LCSD (LCSD-L677354)</b>					Prepared: 04/20/2023 Analyzed: 04/20/2023					
Benzo(a)anthracene	2.83	0.02	µg/L	3.03		93.3	60-140	2	20	
2-Methylnaphthalene	3.49	0.02	"	3.03		115	60-140	8.7	20	
1-Methylnaphthalene	3.47	0.02	"	3.03		115	60-140	9.6	20	
Surrogate: 4-Terphenyl-d14	127		"	3.03		127	70-130			
Surrogate: 2-Fluorobiphenyl	107		"	3.03		107	70-130			
<b>LCS (LCS-L677354)</b>					Prepared: 04/20/2023 Analyzed: 04/20/2023					
Benzo(a)anthracene	2.89	0.02	µg/L	3.03		95.3	60-140			
2-Methylnaphthalene	3.81	0.02	"	3.03		126	60-140			
1-Methylnaphthalene	3.82	0.02	"	3.03		126	60-140			
Surrogate: 4-Terphenyl-d14	126		"	3.03		126	70-130			
Surrogate: 2-Fluorobiphenyl	111		"	3.03		111	70-130			
<b>LRB (LRB-L677354)</b>					Prepared: 04/20/2023 Analyzed: 04/20/2023					
Benzo(a)anthracene	ND	0.02	µg/L			-				
2-Methylnaphthalene	ND	0.02	"			-				
1-Methylnaphthalene	ND	0.02	"			-				
Surrogate: 4-Terphenyl-d14	129		"	3.03		129	70-130			
Surrogate: 2-Fluorobiphenyl	112		"	3.03		112	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

### Notes and Definitions

\* QC Failure

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

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

Origins Laboratory, Inc.



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



April 27, 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. April 17, 2023. This project is associated with Origins project number Y304388-01.

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	Y304388-01	Water	April 17, 2023 11:45	04/17/2023 16:13
MW-02	Y304388-02	Water	April 17, 2023 12:00	04/17/2023 16:13
MW-03	Y304388-03	Water	April 17, 2023 12:15	04/17/2023 16:13
MW-04	Y304388-04	Water	April 17, 2023 12:30	04/17/2023 16:13
MW-05	Y304388-05	Water	April 17, 2023 12:45	04/17/2023 16:13

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: 4304288

Client: Eagle Environ

Client Project ID: Cody #D #3-7

Checklist Completed by: JSN/EMS

Shipped Via: HD

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

Date/time completed: 4/18/23

Airbill #: NA

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

Cooler Number/Temperature: 1,34 °C / °C / °C / °C (Describe)

Thermometer ID: TD04

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 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 <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 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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 4/19/23

Origins Laboratory, Inc.

[Signature]

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

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

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

## MW-01

4/17/2023 11:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y304388-01 (Water)

### Anions by IC 300.0

Chloride	204	31.2	mg/L	125	B3D1803	ACC	04/18/2023	04/18/2023	
Sulfate	1650	31.2	"	"	"	ACC	"	"	

### Total Dissolved Solids by 2540C

Total Dissolved Solids	3010	5.00	"	1	B3D2019	SCL	04/20/2023	04/20/2023	
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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

4/17/2023 12:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y304388-02 (Water)

Anions by IC 300.0

Chloride	126	31.2	mg/L	125	B3D1803	ACC	04/18/2023	04/18/2023	
Sulfate	1360	31.2	"	"	"	ACC	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	2400	5.00	"	1	B3D2019	SCL	04/20/2023	04/20/2023	
------------------------	------	------	---	---	---------	-----	------------	------------	--

Origins Laboratory, Inc.



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

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

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

MW-03

4/17/2023 12:15:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y304388-03 (Water)

Anions by IC 300.0

Chloride	154	31.2	mg/L	125	B3D1803	ACC	04/18/2023	04/18/2023	
Sulfate	ND	31.2	"	"	"	ACC	"	"	U

Total Dissolved Solids by 2540C

Total Dissolved Solids	2540	5.00	"	1	B3D2020	SCL	04/20/2023	04/20/2023	
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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-04**

**4/17/2023 12:30:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y304388-04 (Water)**

**Anions by IC 300.0**

Chloride	166	31.2	mg/L	125	B3D1803	ACC	04/18/2023	04/18/2023	
Sulfate	1710	31.2	"	"	"	ACC	"	"	

**Total Dissolved Solids by 2540C**

Total Dissolved Solids	2280	5.00	"	1	B3D2020	SCL	04/20/2023	04/20/2023	
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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

4/17/2023 12:45:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y304388-05 (Water)

### Anions by IC 300.0

Chloride	145	31.2	mg/L	125	B3D1803	ACC	04/18/2023	04/18/2023	
Sulfate	1330	31.2	"	"	"	ACC	"	"	

### Total Dissolved Solids by 2540C

Total Dissolved Solids	2440	5.00	"	1	B3D2020	SCL	04/20/2023	04/20/2023	
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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

## Classical Chemistry Parameters - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3D1803 - Filter .45um non acidified</b>										
<b>Blank (B3D1803-BLK1)</b>					Prepared: 04/18/2023 Analyzed: 04/20/2023					
Chloride	ND	0.250	mg/L							U
Sulfate	ND	0.250	"							U
<b>LCS (B3D1803-BS1)</b>					Prepared: 04/18/2023 Analyzed: 04/20/2023					
Chloride	4.30	0.250	mg/L	4.00		108	90-110			
Sulfate	4.38	0.250	"	4.00		110	90-110			
<b>Matrix Spike (B3D1803-MS1)</b>					<b>Source: Y304357-03</b>		Prepared: 04/18/2023 Analyzed: 04/20/2023			
Chloride	686		mg/L	500	175	102	90-110			
Sulfate	721		"	500	204	103	90-110			
<b>Matrix Spike Dup (B3D1803-MSD1)</b>					<b>Source: Y304357-03</b>		Prepared: 04/18/2023 Analyzed: 04/20/2023			
Chloride	681		mg/L	500	175	101	90-110	0.750	5	
Sulfate	717		"	500	204	103	90-110	0.610	5	
<b>Batch B3D2019 - NO PREP</b>										
<b>Blank (B3D2019-BLK1)</b>					Prepared: 04/20/2023 Analyzed: 04/20/2023					
Total Dissolved Solids	ND	5.00	mg/L							
<b>LCS (B3D2019-BS1)</b>					Prepared: 04/20/2023 Analyzed: 04/20/2023					
Total Dissolved Solids	914	5.00	mg/L	1010		90.5	90-110			
<b>Duplicate (B3D2019-DUP1)</b>					<b>Source: Y304381-16</b>		Prepared: 04/20/2023 Analyzed: 04/20/2023			
Total Dissolved Solids	1760	5.00	mg/L		1760			0.113	10	

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

## Classical Chemistry Parameters - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B3D2020 - NO PREP</b>										
<b>Blank (B3D2020-BLK1)</b>					Prepared: 04/20/2023 Analyzed: 04/20/2023					
Total Dissolved Solids	ND	5.00	mg/L							
<b>LCS (B3D2020-BS1)</b>					Prepared: 04/20/2023 Analyzed: 04/20/2023					
Total Dissolved Solids	1020	5.00	mg/L	1010		101	90-110			
<b>Duplicate (B3D2020-DUP1)</b>					Source: Y304428-02 Prepared: 04/20/2023 Analyzed: 04/20/2023					
Total Dissolved Solids	5920	5.00	mg/L		5920			0.0845	10	

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

### 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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July 10, 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. July 03, 2023. This project is associated with Origins project number Y307010-01.

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	Y307010-01	Water	July 3, 2023 12:00	07/03/2023 14:55
MW-02	Y307010-02	Water	July 3, 2023 12:15	07/03/2023 14:55
MW-03	Y307010-03	Water	July 3, 2023 12:30	07/03/2023 14:55
MW-04	Y307010-04	Water	July 3, 2023 12:45	07/03/2023 14:55
MW-05	Y307010-05	Water	July 3, 2023 13:00	07/03/2023 14:55

Origins Laboratory, Inc.



Jen Pellegrini For Noelle Doyle Mathis, President

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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

# ORIGINS

LABORATORY, INC

www.originslaboratory.com

4307010

page of

Client: Eagle Environmental Consulting  
Address: 8000 W 44th Ave  
Wheat Ridge, CO 80033  
Telephone Number: 303-433-0479  
Email Address: mee3@eagle-enviro.com

Project Manager: Martin Eckert III  
Project Name: Cody #D #3-7  
Project Number: -  
Samples Collected By: EM/SL

Fax: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	At Summa Center #		
MW-01	7/3/23	1200	2	X				X			1-methylphosphonic acid -8270 STM	1
MW-02		1215	1					X			2-methylphosphonic acid -8270 STM	2
MW-03		1230	1								boron (C) -8270 STM	3
MW-04		1245	1									4
MW-05		1300	1									5
												6
												7
												8
												9
												10

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Turnaround Time:
K. M. Hahnel	7/3/23	1455	[Signature]	7/13/23	1455	Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/>
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input checked="" type="checkbox"/>

Noble

Date Results Needed

Temp Received- 3

Bill to Dan

Origins Laboratory, Inc.

Jefe Pellegrini

Jen Pellegrini For Noelle Doyle Mathis, President

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: 4307010 Client: Eagle  
Client Project ID: Cody #D #3-7

Checklist Completed by: EH Shipped Via: HO  
(UPS, FedEx, Hand Delivered, Pick-up, etc.)  
Date/time completed: 7/13/23 Airbill #: N/A

Matrix(s) Received: (Check all that apply): Soil/Solid ☒ Water ☐ Other: \_\_\_\_\_  
Cooler Number/Temperature: 113 °C 1 °C 1 °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 <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 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 <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 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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 comment(s) (above) and the case narrative.

Reviewed by: JP (Project Manager) Date/Time Reviewed: 7-5-23

Origins Laboratory, Inc.

*Jen Pellegrini*

Jen Pellegrini For Noelle Doyle Mathis, President

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

7/3/2023 12:00:00PM

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

Waypoint Analytical, LLC.  
Y307010-01 (Water)

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L691475	07/07/2023	07/07/2023
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"
Benzo(a)anthracene	ND	0.0113	0.02	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	88.1 %	70-130	"	"	"
Surrogate: 4-Terphenyl-d14	88.8 %	70-130	"	"	"

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

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**  
**7/3/2023 12:15:00PM**

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

**Waypoint Analytical, LLC.**  
**Y307010-02 (Water)**

**PAH by 8270D SIM**

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L691475	07/07/2023	07/07/2023
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"
Benzo(a)anthracene	ND	0.0113	0.02	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	89.1 %		70-130			"	"	"
Surrogate: 4-Terphenyl-d14	92.1 %		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.*

Jen Pellegrini For Noelle Doyle Mathis, President

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

7/3/2023 12:30:00PM

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

Waypoint Analytical, LLC.  
Y307010-03 (Water)

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L691475	07/07/2023	07/07/2023
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"
Benzo(a)anthracene	ND	0.0113	0.02	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	85.1 %	70-130	"	"	"
Surrogate: 4-Terphenyl-d14	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.

Jen Pellegrini For Noelle Doyle Mathis, President

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

7/3/2023 12:45:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.  
Y307010-04 (Water)

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L691475	07/07/2023	07/07/2023
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"
Benzo(a)anthracene	ND	0.0113	0.02	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	83.2 %	70-130	"	"	"
Surrogate: 4-Terphenyl-d14	75.2 %	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.

Jen Pellegrini For Noelle Doyle Mathis, President



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

7/3/2023 1:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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## Waypoint Analytical, LLC.

Y307010-05 (Water)

### PAH by 8270D SIM

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L691475	07/07/2023	07/07/2023
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"
Benzo(a)anthracene	ND	0.0113	0.02	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	85.1 %	70-130	"	"	"
Surrogate: 4-Terphenyl-d14	71 %	70-130	"	"	"

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch L691475 - 3511</b>										
<b>LCSD (LCSD-L691475)</b>					Prepared: 07/07/2023 Analyzed: 07/07/2023					
Benzo(a)anthracene	3.73	0.02	µg/L	3.03		123	60-140	1.3	20	
2-Methylnaphthalene	2.83	0.02	"	3.03		93.3	60-140	5.4	20	
1-Methylnaphthalene	2.89	0.02	"	3.03		95.3	60-140	5	20	
Surrogate: 4-Terphenyl-d14	89.7		"	3.03		89.7	70-130			
Surrogate: 2-Fluorobiphenyl	86.7		"	3.03		86.7	70-130			
<b>LCS (LCS-L691475)</b>					Prepared: 07/07/2023 Analyzed: 07/07/2023					
Benzo(a)anthracene	3.68	0.02	µg/L	3.03		121	60-140			
2-Methylnaphthalene	2.99	0.02	"	3.03		98.6	60-140			
1-Methylnaphthalene	3.04	0.02	"	3.03		100	60-140			
Surrogate: 4-Terphenyl-d14	84.1		"	3.03		84.1	70-130			
Surrogate: 2-Fluorobiphenyl	87.4		"	3.03		87.4	70-130			
<b>LRB (LRB-L691475)</b>					Prepared: 07/07/2023 Analyzed: 07/07/2023					
Benzo(a)anthracene	ND	0.02	µg/L				-			
2-Methylnaphthalene	ND	0.02	"				-			
1-Methylnaphthalene	ND	0.02	"				-			
Surrogate: 4-Terphenyl-d14	90		"	3.03		90	70-130			
Surrogate: 2-Fluorobiphenyl	91.4		"	3.03		91.4	70-130			

Origins Laboratory, Inc.



Jen Pellegrini For Noelle Doyle Mathis, President

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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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Origins Laboratory, Inc.



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

Jen Pellegrini For Noelle Doyle Mathis, President



July 13, 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. July 03, 2023. This project is associated with Origins project number Y307018-01.

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	Y307018-01	Water	July 3, 2023 12:00	07/03/2023 14:55
MW-02	Y307018-02	Water	July 3, 2023 12:15	07/03/2023 14:55
MW-03	Y307018-03	Water	July 3, 2023 12:30	07/03/2023 14:55
MW-04	Y307018-04	Water	July 3, 2023 12:45	07/03/2023 14:55
MW-05	Y307018-05	Water	July 3, 2023 13:00	07/03/2023 14:55

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

Origins Laboratory

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

**Sample Receipt Checklist**

Origins Work Order: 4307018 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: 7/13/23 Airbill #: N/A

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

Cooler Number/Temperature: 112 °C 1 °C 1 °C (Describe) \_\_\_\_\_ °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 <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 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 <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 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 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: JB (Project Manager) Date/Time Reviewed: 7-5-23

Origins Laboratory, Inc.

*J. Bynon*

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



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

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

## MW-01

7/3/2023 12:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y307018-01 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B3G0733	JSM	07/07/2023	07/10/2023	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	105 %	70-130	"	"	"
Surrogate: Toluene-d8	91.6 %	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

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

## MW-02

7/3/2023 12:15:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y307018-02 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B3G0733	JSM	07/07/2023	07/10/2023	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	108 %	70-130	"	"	"
Surrogate: Toluene-d8	93.7 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	103 %	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

## MW-03

7/3/2023 12:30:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y307018-03 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B3G0733	JSM	07/07/2023	07/10/2023	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	106 %	70-130	"	"	"
Surrogate: Toluene-d8	92.1 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	103 %	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

## MW-04

7/3/2023 12:45:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y307018-04 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B3G0733	JSM	07/07/2023	07/11/2023	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	105 %	70-130	"	"	"
Surrogate: Toluene-d8	91.3 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	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

## MW-05

7/3/2023 1:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y307018-05 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B3G0733	JSM	07/07/2023	07/11/2023	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	102 %	70-130	"	"	"
Surrogate: Toluene-d8	93.8 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	103 %	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 B3G0733 - EPA 5030B (Water)</b>										
<b>Blank (B3G0733-BLK1)</b>					Prepared: 07/07/2023 Analyzed: 07/10/2023					
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	65		"	62.5		104	70-130			
Surrogate: Toluene-d8	58		"	62.5		92.6	70-130			
Surrogate: 4-Bromofluorobenzene	59		"	62.5		94.9	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 B3G0733 - EPA 5030B (Water)										
LCS (B3G0733-BS1)					Prepared: 07/07/2023 Analyzed: 07/10/2023					
1,2,4-Trimethylbenzene	52.4	2.00	ug/L	50.0		105	70-130			
1,3,5-Trimethylbenzene	55.9	2.00	"	50.0		112	70-130			
Benzene	50.2	1.00	"	50.0		100	70-130			
Ethylbenzene	51.1	1.00	"	50.0		102	70-130			
m,p-Xylene	105	2.00	"	100		105	70-130			
Naphthalene	50.9	2.00	"	50.0		102	70-130			
o-Xylene	53.8	1.00	"	50.0		108	70-130			
Toluene	51.7	1.00	"	50.0		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	63		"	62.5		101	70-130			
Surrogate: Toluene-d8	63		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.0	70-130			

Origins Laboratory, Inc.



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - 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 B3G0733 - EPA 5030B (Water)										
Matrix Spike (B3G0733-MS1)		Source: Y307015-01			Prepared: 07/07/2023 Analyzed: 07/10/2023					
1,2,4-Trimethylbenzene	587	2.00	ug/L	50.0	720	NR	70-130			QM-07
1,3,5-Trimethylbenzene	492	2.00	"	50.0	490	4.12	70-130			QM-07
Benzene	1340	1.00	"	50.0	2140	NR	70-130			QM-07
Ethylbenzene	593	1.00	"	50.0	514	157	70-130			QM-07
m,p-Xylene	3160	2.00	"	100	6730	NR	70-130			QM-07
Naphthalene	51.2	2.00	"	50.0	18.3	65.9	70-130			QM-07
o-Xylene	838	1.00	"	50.0	1450	NR	70-130			QM-07
Toluene	1210	1.00	"	50.0	5900	NR	70-130			QM-07
Surrogate: 1,2-Dichloroethane-d4	57		"	62.5		91.6	70-130			
Surrogate: Toluene-d8	67		"	62.5		107	70-130			
Surrogate: 4-Bromofluorobenzene	68		"	62.5		108	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

## 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 B3G0733 - EPA 5030B (Water)										
Matrix Spike Dup (B3G0733-MSD1)			Source: Y307015-01		Prepared: 07/07/2023 Analyzed: 07/10/2023					
1,2,4-Trimethylbenzene	592	2.00	ug/L	50.0	720	NR	70-130	0.733	20	QM-07
1,3,5-Trimethylbenzene	520	2.00	"	50.0	490	60.9	70-130	5.61	20	QM-07
Benzene	1420	1.00	"	50.0	2140	NR	70-130	5.63	20	QM-07
Ethylbenzene	685	1.00	"	50.0	514	342	70-130	14.4	20	QM-07
m,p-Xylene	3290	2.00	"	100	6730	NR	70-130	4.03	20	QM-07
Naphthalene	51.0	2.00	"	50.0	18.3	65.5	70-130	0.352	20	QM-07
o-Xylene	845	1.00	"	50.0	1450	NR	70-130	0.849	20	QM-07
Toluene	1230	1.00	"	50.0	5900	NR	70-130	1.74	20	QM-07
Surrogate: 1,2-Dichloroethane-d4	56		"	62.5		90.1	70-130			
Surrogate: Toluene-d8	66		"	62.5		105	70-130			
Surrogate: 4-Bromofluorobenzene	76		"	62.5		121	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

### 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.*



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
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## 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
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**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
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## 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
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## 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
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## 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.



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

**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.



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

**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
<b>Batch B3J0422 - EPA 5030B (Water)</b>										
<b>Matrix Spike (B3J0422-MS1)</b>		<b>Source: Y310058-01</b>			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.



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

**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>Matrix Spike Dup (B3J0422-MSD1)</b>	<b>Source: Y310058-01</b>				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			

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

### 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.*



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.



*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	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## 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.



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	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## 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.



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	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**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
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## 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.



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	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## 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.



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

**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
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**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

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

**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
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**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

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

**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
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**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	

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
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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			

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

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.*



January 22, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

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. January 12, 2024. This project is associated with Origins project number Y401310-01.

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 - Cody #D #3-7

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01	Y401310-01	Water	January 12, 2024 12:54	01/12/2024 14:38
MW-02	Y401310-02	Water	January 12, 2024 12:37	01/12/2024 14:38
MW-03	Y401310-03	Water	January 12, 2024 12:25	01/12/2024 14:38
MW-04	Y401310-04	Water	January 12, 2024 12:03	01/12/2024 14:38
MW-05	Y401310-05	Water	January 12, 2024 13:05	01/12/2024 14:38

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 - Cody #D #3-7

4401310

page 1 of 1

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

Project Manager: Andrew Newberry  
Project Name: Cody #D #3-7  
Project Number:   
Samples Collected By: RS

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air Summa Canister #			Other
MW-01	1/12/24	1254	3	X				X					1
MW-02		1237											2
MW-03		1225											3
MW-04		1203											4
MW-05		1305											5
													6
													7
													8
													9
													10

Relinquished By: *[Signature]* Date: 1/12/24 Time: 1438  
Relinquished By: *[Signature]* Date: 1/12/24 Time: 1438

Received By: *[Signature]* Date: 1/12/24 Time: 1438  
Received By: *[Signature]* Date: 1/12/24 Time: 1438

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

Date Results Needed *1/16/24*

Temp Received- 4.5

*Bill to Dan*

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 - Cody #D #3-7

Origins Laboratory

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

## Sample Receipt Checklist

Origins Work Order: 4401310

Client: Eagle

Client Project ID: Cody #D #3-7

Checklist Completed by: EMS

Shipped Via: HO

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

Date/time completed: 1/12/24

Airbill #: N/A

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

Cooler Number/Temperature: 1 4.5 °C 1 °C 1 °C 1 °C

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 <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 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 <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 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 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)

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 - Cody #D #3-7

## MW-01

1/12/2024 12:54:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y401310-01 (Water)

### PAH by EPA 8270E

1-Methylnaphthalene	ND	0.200	ug/L	1	B4A1802	agile	01/18/2024	01/18/2024	U
2-Methylnaphthalene	ND	0.200	"	"	"	agile	"	"	U
Benzo (a) anthracene	ND	0.500	"	"	"	agile	"	"	U

Surrogate: Fluorene-d10	96.2 %	60-130	"	"	"
Surrogate: Anthracene-d10	92.8 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	111 %	60-130	"	"	"
Surrogate: Pyrene-d10	99.7 %	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 - Cody #D #3-7

## MW-02

1/12/2024 12:37:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y401310-02 (Water)

### PAH by EPA 8270E

1-Methylnaphthalene	ND	0.200	ug/L	1	B4A1802	agile	01/18/2024	01/18/2024	U
2-Methylnaphthalene	ND	0.200	"	"	"	agile	"	"	U
Benzo (a) anthracene	ND	0.500	"	"	"	agile	"	"	U

Surrogate: Fluorene-d10	95.6 %	60-130	"	"	"
Surrogate: Anthracene-d10	97.5 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	102 %	60-130	"	"	"
Surrogate: Pyrene-d10	97.9 %	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 - Cody #D #3-7

## MW-03

1/12/2024 12:25:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y401310-03 (Water)

### PAH by EPA 8270E

1-Methylnaphthalene	ND	0.200	ug/L	1	B4A1802	agile	01/18/2024	01/18/2024	U
2-Methylnaphthalene	ND	0.200	"	"	"	agile	"	"	U
Benzo (a) anthracene	ND	0.500	"	"	"	agile	"	"	U

Surrogate: Fluorene-d10	101 %	60-130	"	"	"
Surrogate: Anthracene-d10	99.3 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	108 %	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 - Cody #D #3-7

## MW-04

1/12/2024 12:03:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y401310-04 (Water)

### PAH by EPA 8270E

1-Methylnaphthalene	ND	0.200	ug/L	1	B4A1802	agile	01/18/2024	01/18/2024	U
2-Methylnaphthalene	ND	0.200	"	"	"	agile	"	"	U
Benzo (a) anthracene	ND	0.500	"	"	"	agile	"	"	U

Surrogate: Fluorene-d10	99.5 %	60-130	"	"	"
Surrogate: Anthracene-d10	93.7 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	110 %	60-130	"	"	"
Surrogate: Pyrene-d10	108 %	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 - Cody #D #3-7

## MW-05

1/12/2024 1:05:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y401310-05 (Water)

### PAH by EPA 8270E

1-Methylnaphthalene	ND	0.200	ug/L	1	B4A1802	agile	01/18/2024	01/18/2024	U
2-Methylnaphthalene	ND	0.200	"	"	"	agile	"	"	U
Benzo (a) anthracene	ND	0.500	"	"	"	agile	"	"	U

Surrogate: Fluorene-d10	99.2 %	60-130	"	"	"
Surrogate: Anthracene-d10	98.3 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	109 %	60-130	"	"	"
Surrogate: Pyrene-d10	115 %	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 - 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
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**Batch B4A1802 - EPA 3510C\_MS**

**Blank (B4A1802-BLK1)**

Prepared: 01/18/2024 Analyzed: 01/18/2024

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		102	60-130			
Surrogate: Anthracene-d10	180		"	200		91.5	60-130			
Surrogate: Benzo (a) pyrene-d12	220		"	200		109	60-130			
Surrogate: Pyrene-d10	200		"	200		97.7	60-130			

**LCS (B4A1802-BS1)**

Prepared: 01/18/2024 Analyzed: 01/18/2024

1-Methylnaphthalene	20.1	0.200	ug/L	20.0		100	70-130			
2-Methylnaphthalene	20.2	0.200	"	20.0		101	70-130			
Acenaphthene	18.0	2.00	"	20.0		89.9	70-130			
Anthracene	17.9	2.00	"	20.0		89.4	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 - 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
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**Batch B4A1802 - EPA 3510C\_MS**

**LCS (B4A1802-BS1)**

Prepared: 01/18/2024 Analyzed: 01/18/2024

Benzo (a) anthracene	18.2	0.500	ug/L	20.0		90.8	70-130			
Benzo (a) pyrene	19.7	2.00	"	20.0		98.7	70-130			
Benzo (b) fluoranthene	17.5	2.00	"	20.0		87.5	70-130			
Benzo (g,h,i) perylene	17.3	2.00	"	20.0		86.6	70-130			
Benzo (k) fluoranthene	18.7	2.00	"	20.0		93.7	70-130			
Chrysene	19.5	2.00	"	20.0		97.3	70-130			
Dibenz (a,h) anthracene	17.4	2.00	"	20.0		86.8	70-130			
Fluoranthene	18.4	2.00	"	20.0		92.1	70-130			
Fluorene	17.8	2.00	"	20.0		88.8	70-130			
Indeno (1,2,3-cd) pyrene	17.4	2.00	"	20.0		87.2	70-130			
Naphthalene	19.5	0.200	"	20.0		97.5	70-130			
Phenanthrene	19.1	2.00	"	20.0		95.4	70-130			
Pyrene	19.9	2.00	"	20.0		99.4	70-130			
Surrogate: Fluorene-d10	210		"	200		103	60-130			
Surrogate: Anthracene-d10	190		"	200		97.2	60-130			
Surrogate: Benzo (a) pyrene-d12	230		"	200		113	60-130			
Surrogate: Pyrene-d10	200		"	200		100	60-130			

**LCS Dup (B4A1802-BSD1)**

Prepared: 01/18/2024 Analyzed: 01/18/2024

1-Methylnaphthalene	20.9	0.200	ug/L	20.0		105	70-130	4.19	20	
2-Methylnaphthalene	20.8	0.200	"	20.0		104	70-130	3.00	20	
Acenaphthene	18.4	2.00	"	20.0		91.9	70-130	2.29	20	
Anthracene	18.0	2.00	"	20.0		89.9	70-130	0.529	20	
Benzo (a) anthracene	18.1	0.500	"	20.0		90.7	70-130	0.194	20	
Benzo (a) pyrene	20.9	2.00	"	20.0		104	70-130	5.67	20	
Benzo (b) fluoranthene	18.5	2.00	"	20.0		92.4	70-130	5.43	20	
Benzo (g,h,i) perylene	18.6	2.00	"	20.0		92.8	70-130	6.97	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 - 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
<b>Batch B4A1802 - EPA 3510C_MS</b>										
<b>LCS Dup (B4A1802-BSD1)</b>					Prepared: 01/18/2024 Analyzed: 01/18/2024					
Benzo (k) fluoranthene	17.6	2.00	ug/L	20.0		88.2	70-130	5.97	20	
Chrysene	18.8	2.00	"	20.0		93.9	70-130	3.54	20	
Dibenz (a,h) anthracene	20.5	2.00	"	20.0		103	70-130	16.8	20	
Fluoranthene	17.3	2.00	"	20.0		86.3	70-130	6.44	20	
Fluorene	18.0	2.00	"	20.0		89.9	70-130	1.30	20	
Indeno (1,2,3-cd) pyrene	16.9	2.00	"	20.0		84.3	70-130	3.35	20	
Naphthalene	19.6	0.200	"	20.0		97.8	70-130	0.313	20	
Phenanthrene	18.7	2.00	"	20.0		93.3	70-130	2.23	20	
Pyrene	17.2	2.00	"	20.0		86.1	70-130	14.4	20	
Surrogate: Fluorene-d10	200		"	200		99.3	60-130			
Surrogate: Anthracene-d10	180		"	200		91.3	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		107	60-130			
Surrogate: Pyrene-d10	190		"	200		92.8	60-130			

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 - 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.*



January 22, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

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. January 12, 2024. This project is associated with Origins project number Y401311-01.

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 - Cody #D #3-7

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01	Y401311-01	Water	January 12, 2024 12:54	01/12/2024 14:38
MW-02	Y401311-02	Water	January 12, 2024 12:37	01/12/2024 14:38
MW-03	Y401311-03	Water	January 12, 2024 12:25	01/12/2024 14:38
MW-04	Y401311-04	Water	January 12, 2024 12:03	01/12/2024 14:38
MW-05	Y401311-05	Water	January 12, 2024 13:05	01/12/2024 14:38

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 - Cody #D #3-7

**ORIGINS**  
LABORATORY, INC

www.originslaboratory.com

4401311

page 1 of 1

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

Project Manager: Andrew Newberry  
Project Name: Cody #D #3-7  
Project Number: RS  
Samples Collected By: RS

Fax: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis		Sample Instructions
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air Summa Canister #	Other	Other	
MW-01	1/12/24	1254	3	X				X					1
MW-02		1237											2
MW-03		1225											3
MW-04		1203											4
MW-05		1305											5
													6
													7
													8
													9
													10

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Turnaround Time:
<u>[Signature]</u>	1/12/24	1438	<u>[Signature]</u>	1/12/24	1438	Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard

Temp Received: 4.5 Date Results Needed: Noble

Bill to Dan

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 - Cody #D #3-7

Origins Laboratory

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

## Sample Receipt Checklist

Origins Work Order: Y401311

Client: Eagle

Client Project ID: Cody #D #3-7

Checklist Completed by: EHS

Shipped Via: HD

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

Date/time completed: 1/12/24

Airbill #: N/A

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

Water

Other: \_\_\_\_\_

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

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 <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 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 <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 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 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: (Signature) (Project Manager)

1/15/24  
Date/Time Reviewed

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 - Cody #D #3-7

## MW-01

1/12/2024 12:54:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y401311-01 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4A1516	JSM	01/15/2024	01/15/2024	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	100 %	70-130	"	"	"
Surrogate: Toluene-d8	104 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	88.5 %	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 - Cody #D #3-7

## MW-02

1/12/2024 12:37:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y401311-02 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4A1516	JSM	01/15/2024	01/15/2024	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	100 %	70-130	"	"	"
Surrogate: Toluene-d8	106 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	89.3 %	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 - Cody #D #3-7

## MW-03

1/12/2024 12:25:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y401311-03 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4A1516	JSM	01/15/2024	01/15/2024	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	102 %	70-130	"	"	"
Surrogate: Toluene-d8	105 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	86.1 %	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 - Cody #D #3-7

## MW-04

1/12/2024 12:03:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y401311-04 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4A1516	JSM	01/15/2024	01/15/2024	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	102 %	70-130	"	"	"
Surrogate: Toluene-d8	105 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	87.4 %	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 - Cody #D #3-7

## MW-05

1/12/2024 1:05:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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## Origins Laboratory, Inc. Y401311-05 (Water)

### BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4A1516	JSM	01/15/2024	01/16/2024	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	98.1 %	70-130	"	"	"
Surrogate: Toluene-d8	114 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	95.2 %	70-130	"	"	"

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Andrew Newberry  
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 B4A1516 - EPA 5030B (Water)										
Blank (B4A1516-BLK1)					Prepared: 01/15/2024 Analyzed: 01/15/2024					
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	64		"	62.5		102	70-130			
Surrogate: Toluene-d8	65		"	62.5		104	70-130			
Surrogate: 4-Bromofluorobenzene	55		"	62.5		88.5	70-130			

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Wheat Ridge CO 80033

Andrew Newberry  
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 B4A1516 - EPA 5030B (Water)										
LCS (B4A1516-BS1)					Prepared: 01/15/2024 Analyzed: 01/15/2024					
1,2,4-Trimethylbenzene	55.3	2.00	ug/L	50.0		111	70-130			
1,3,5-Trimethylbenzene	56.2	2.00	"	50.0		112	70-130			
Benzene	47.3	1.00	"	50.0		94.6	70-130			
Ethylbenzene	54.2	1.00	"	50.0		108	70-130			
m,p-Xylene	107	2.00	"	100		107	70-130			
Naphthalene	43.0	2.00	"	50.0		86.0	70-130			
o-Xylene	53.9	1.00	"	50.0		108	70-130			
Toluene	53.6	1.00	"	50.0		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	65		"	62.5		104	70-130			
Surrogate: Toluene-d8	66		"	62.5		105	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.2	70-130			

Origins Laboratory, Inc.



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Andrew Newberry  
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
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#### Batch B4A1516 - EPA 5030B (Water)

Matrix Spike (B4A1516-MS1)		Source: Y401311-01			Prepared: 01/15/2024 Analyzed: 01/15/2024					
1,2,4-Trimethylbenzene	57.9	2.00	ug/L	50.0	ND	116	70-130			
1,3,5-Trimethylbenzene	59.6	2.00	"	50.0	ND	119	70-130			
Benzene	47.3	1.00	"	50.0	ND	94.5	70-130			
Ethylbenzene	52.8	1.00	"	50.0	ND	106	70-130			
m,p-Xylene	106	2.00	"	100	ND	106	70-130			
Naphthalene	41.0	2.00	"	50.0	ND	82.1	70-130			
o-Xylene	54.7	1.00	"	50.0	ND	109	70-130			
Toluene	55.8	1.00	"	50.0	ND	112	70-130			
Surrogate: 1,2-Dichloroethane-d4	60		"	62.5		96.2	70-130			
Surrogate: Toluene-d8	68		"	62.5		109	70-130			
Surrogate: 4-Bromofluorobenzene	56		"	62.5		90.2	70-130			

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Andrew Newberry  
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 B4A1516 - EPA 5030B (Water)										
Matrix Spike Dup (B4A1516-MSD1)			Source: Y401311-01		Prepared: 01/15/2024 Analyzed: 01/15/2024					
1,2,4-Trimethylbenzene	55.8	2.00	ug/L	50.0	ND	112	70-130	3.73	20	
1,3,5-Trimethylbenzene	58.0	2.00	"	50.0	ND	116	70-130	2.69	20	
Benzene	47.2	1.00	"	50.0	ND	94.4	70-130	0.127	20	
Ethylbenzene	51.0	1.00	"	50.0	ND	102	70-130	3.47	20	
m,p-Xylene	101	2.00	"	100	ND	101	70-130	4.58	20	
Naphthalene	41.3	2.00	"	50.0	ND	82.6	70-130	0.559	20	
o-Xylene	53.3	1.00	"	50.0	ND	107	70-130	2.50	20	
Toluene	54.5	1.00	"	50.0	ND	109	70-130	2.34	20	
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		96.9	70-130			
Surrogate: Toluene-d8	67		"	62.5		107	70-130			
Surrogate: 4-Bromofluorobenzene	54		"	62.5		87.2	70-130			

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Andrew Newberry  
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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