



FIGURES

Figure 1: Groundwater Analytical Map (03/08/24)


Figure 2: Inorganic Groundwater Parameters Map (03/08/24)

Figure 3: Dissolved Metals Analytical Map (03/08/24)

Figure 4: Groundwater Elevation Map (03/08/24)

LEGEND

— WELLHEAD ASSESSMENT BOUNDARIES

 APPROXIMATE MONITORING WELL LOCATIONS
 MW-01

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)

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 FOR THAT COMPOUND.

ECMC = ENERGY & CARBON MANAGEMENT COMMISSION

NOP = NOT ON PLAN

BACKGROUND: GOOGLE EARTH AERIAL IMAGERY JUNE 2016

GROUNDWATER ANALYTICAL MAP

(03/08/24)

PTF #C 32-8

HISTORICAL RELEASE

40.270210 / -104.567750

SE 1/4 NE 1/4 SEC.32 T4N R64W 6PM

WELD COUNTY, COLORADO

API # 05-123-14879

REMEDATION # 23204

FIGURE NO.

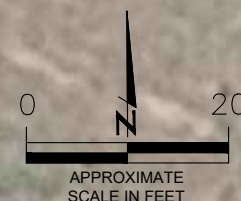
1

DRAWN BY:

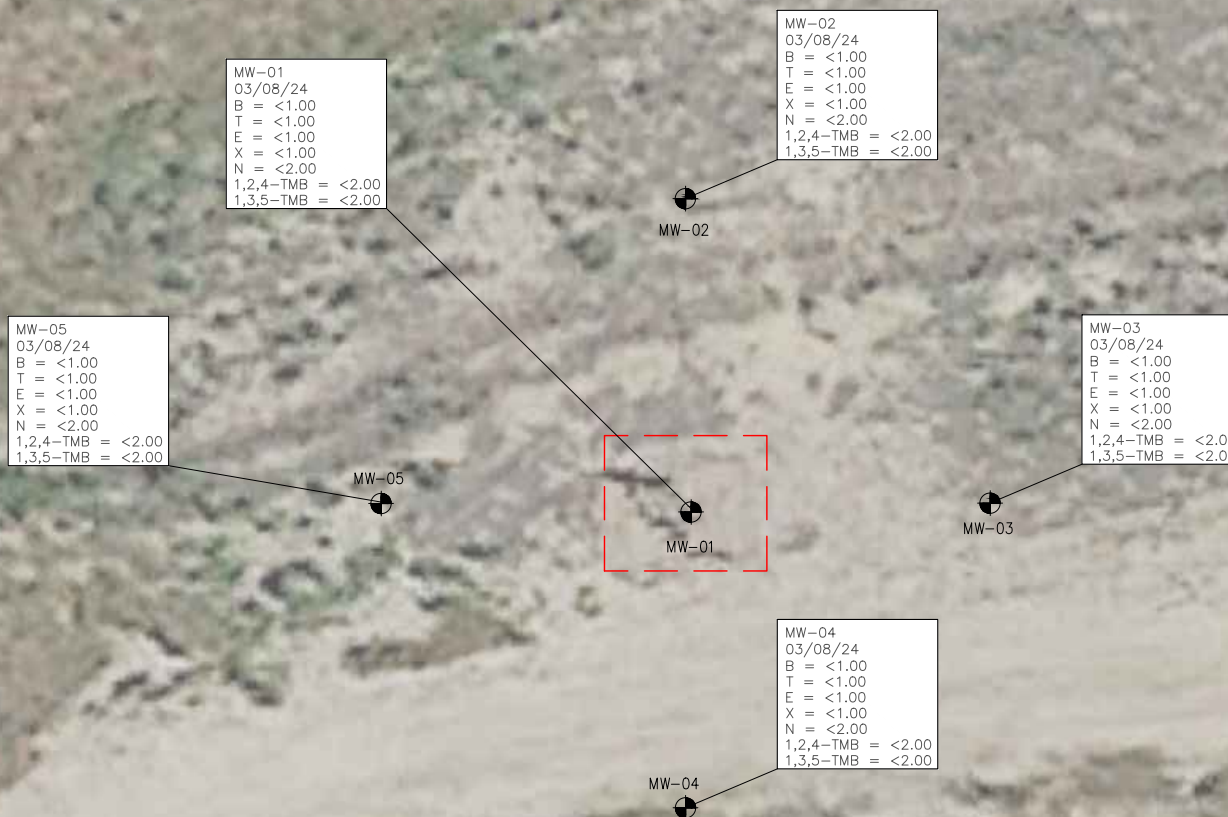
RS




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



APPROXIMATE
 SCALE IN FEET



LEGEND

--- WELLHEAD ASSESSMENT BOUNDARIES
 APPROXIMATE MONITORING WELL LOCATIONS
 MW-01

PARAMETERS

SAMPLE	LOCATION
DATE	
C	= CHLORIDE (mg/L)
S	= SULFATE (mg/L)
TDS	= TOTAL DISSOLVED SOLIDS (mg/L)

mg/L = MICROGRAMS PER LITER

NOTE:
INORGANIC GROUNDWATER SAMPLES WERE COLLECTED
12/14/23.

MW-05 WAS USED IN THE DETERMINATION OF A LOCAL
BACKGROUND LEVEL. THE LOCAL BACKGROUND LIMIT IS
1.25*BACKGROUND.

VALUES PRESENTED IN **BOLD** EXCEED THE ECMC TABLE
915-1 REGULATORY LIMITS FOR THAT COMPOUND

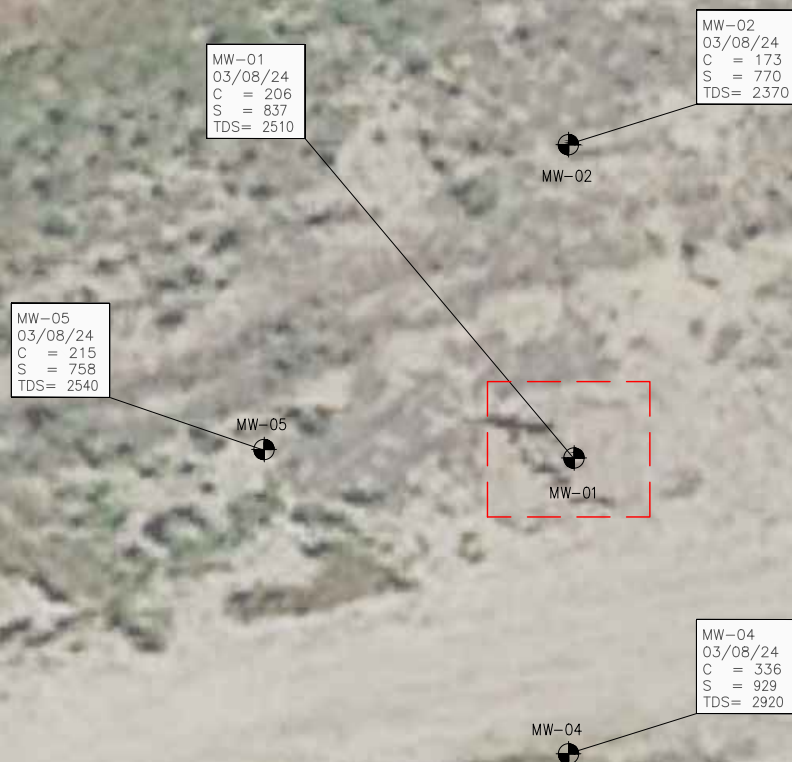
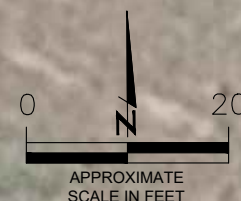
INORGANIC GROUNDWATER PARAMETERS MAP
 (03/08/24)
 PTF #C 32-8
 HISTORICAL RELEASE
 40.270210 / -104.567750
 SE 1/4 NE 1/4 SEC.32 T4N R64W 6PM
 WELD COUNTY, COLORADO
 API # 05-123-14879
 REMEDIATION # 23204

FIGURE NO.
7

DRAWN BY:
RS



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LEGEND

- WELLHEAD ASSESSMENT BOUNDARIES
- APPROXIMATE MONITORING WELL LOCATIONS
- MW-01

PARAMETERS

SAMPLE LOCATION
DATE SAMPLE COLLECTED
Arsenic = (mg/L)

mg/L = MILLIGRAMS PER LITER

NOTES:
VALUES PRESENTED IN **BOLD** EXCEED CDPHE WQCC
REGULATORY LIMITS

CDPHE WQCC = COLORADO DEPARTMENT OF PUBLIC HEALTH
AND ENVIRONMENT, WATER QUALITY CONTROL COMMISSION

DISSOLVED METALS ANALYTICAL MAP
(3/8/24)
PTF #C 32-8
HISTORICAL RELEASE
40.270210 / -104.567750
SE 1/4 NE 1/4 SEC.32 T4N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-14879
REMEDATION # 23204

FIGURE NO.
3
DRAWN BY:
RS

 **EAGLE**
ENVIRONMENTAL
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TABLES

Table 1: Groundwater Analytical Results Summary

Table 2: Inorganic Groundwater Parameters Summary

Table 3: Dissolved Metals Analytical Results Summary

Table 4: Groundwater Elevation Summary

TABLE 1
GROUNDWATER ANALYTICAL RESULTS SUMMARY
PTF #C 32-8
HISTORICAL RELEASE
40.270210 / -104.567750
SE 1/4 NE 1/4 SEC.32 T4N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-14879
REMEDIATION # 23204

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)
ECMC Table 915-1 Regulatory Limits (µg/L)		5	560	700	1400	140	67	67
MW-01 (40.270213 / -104.567724)	12/14/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
	03/08/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW-02 (40.270306 / -104.567726)	12/14/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
	03/08/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW-03 (40.270209 / -104.567616)	12/14/23	<1.00	<1.00	1.07	6.45	<2.00	<2.00	<2.00
	03/08/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW-04 (40.270138 / -104.567711)	12/14/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
	03/08/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW-05 (40.270210 / -104.567822)	12/14/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
	03/08/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
ECMC = Energy & Carbon Management Commission µg/L - micrograms per liter Note: Values presented with a less than symbol (<) indicate concentrations were not observed at or above the laboratory reporting limit. Values presented in BOLD exceed ECMC Table 915-1 Regulatory Limits.								

TABLE 2
 INORGANIC GROUNDWATER PARAMETERS SUMMARY
 PTF #C 32-8
 HISTORICAL RELEASE
 40.270210 / -104.567750
 SE 1/4 NE 1/4 SEC.32 T4N R64W 6PM
 WELD COUNTY, COLORADO
 API # 05-123-14879
 REMEDIATION # 23204

Sample Location (Latitude/Longitude)	Date	Chloride (mg/L)	Sulfate (mg/L)	Total Dissolved Solids (mg/L)
ECMC Table 915-1 Regulatory Limits (mg/L)		<1.25xLocal Background (539)	<1.25xLocal Background (1210)	<1.25xLocal Background (3175)
MW-01 (40.270213 / -104.567724)	12/14/23	483	1050	2820
	3/8/2024	206	837	2510
MW-02 (40.270306 / -104.567726)	12/14/23	236	1150	2720
	3/8/2024	173	770	2370
MW-03 (40.270209 / -104.567616)	12/14/23	374	855	2500
	3/8/2024	245	668	2340
MW-04 (40.270138 / -104.567711)	12/14/23	522	959	2730
	3/8/2024	336	929	2920
MW-05 (40.270210 / -104.567822)	12/14/23	431	969	2500
	3/8/2024	215	758	2540
ECMC - Energy & Carbon Management Commission mg/L - milligrams per liter INA - Inaccessible Notes: The inorganic groundwater parameters from monitoring well MW-05 were used in the determination of "local background" levels at the site. Local "regulatory limit" (1.25*local background) presented (in parentheses). Values presented in BOLD exceed ECMC Table 915-1 Regulatory Limits.				NS - Not Sampled LNAPL - Light non-aqueous phase liquid

TABLE 3
DISSOLVED METALS ANALYTICAL RESULTS SUMMARY
PTF #C 32-8
HISTORICAL RELEASE
40.270210 / -104.567750
SE 1/4 NE 1/4 SEC.32 T4N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-14879
REMEDIATION # 23204

Sample Location (Latitude/Longitude)	Date	Arsenic (mg/L)
ECMC Table 915-1 Regulatory Limits		--
CDPHE WQCC Regulation 41 Standards		0.01
MW-01 (40.270213 / -104.567724)	12/14/23	0.00841
	03/08/24	0.012
MW-02 (40.270306 / -104.567726)	12/14/23	0.0102
	03/08/24	0.0141
MW-03 (40.270209 / -104.567616)	12/14/23	0.0127
	03/08/24	0.0142
MW-04 (40.270138 / -104.567711)	12/14/23	0.00868
	03/08/24	0.011
MW-05 (40.270210 / -104.567822)	12/14/23	0.00797
	03/08/24	0.0144
ECMC = Energy & Carbon Management Commission Environment, Water Quality Control Commission mg/L = milligrams per liter NA = Not Analyzed Notes: Values presented with a less than symbol (<) did not contain concentrations at or above the laboratory reporting limit or minimum detection levels. Regulation 41 Domestic Water Supply - Human Health Standards		

TABLE 4
GROUNDWATER ELEVATION SUMMARY
PTF #C 32-8
HISTORICAL RELEASE
40.270210 / -104.567750
SE 1/4 NE 1/4 SEC.32 T4N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-14879
REMEDIATION # 23204

Sample Location (Latitude/Longitude)	Date	Top of Casing Elevation (feet)	Depth to Groundwater from TOC (feet)	Relative Groundwater Elevation (feet)
MW-01 (40.270213 / -104.567724)	12/14/23	99.62	7.34	92.28
	03/08/24		7.40	92.22
MW-02 (40.270306 / -104.567726)	12/14/23	100	7.62	92.38
	03/08/24		7.67	92.33
MW-03 (40.270209 / -104.567616)	12/14/23	99.68	7.64	92.04
	03/08/24		7.73	91.95
MW-04 (40.270138 / -104.567711)	12/14/23	99.12	6.85	92.27
	03/08/24		6.92	92.20
MW-05 (40.270210 / -104.567822)	12/14/23	99.53	7.01	92.52
	03/08/24		7.01	92.52
NOTES: TOC - top of casing				



ATTACHMENT A

Laboratory Analytical Reports



March 18, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - PTF #C 32-8

Project Number - -

Attached are your analytical results for Noble - PTF #C 32-8 received by Origins Laboratory, Inc. March 08, 2024. This project is associated with Origins project number Y403272-01.

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: -
Project: Noble - PTF #C 32-8

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01	Y403272-01	Water	March 8, 2024 13:13	03/08/2024 15:18
MW-02	Y403272-02	Water	March 8, 2024 13:21	03/08/2024 15:18
MW-03	Y403272-03	Water	March 8, 2024 13:35	03/08/2024 15:18
MW-04	Y403272-04	Water	March 8, 2024 13:47	03/08/2024 15:18
MW-05	Y403272-05	Water	March 8, 2024 13:51	03/08/2024 15:18

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: -
Project: Noble - PTF #C 32-8

ORIGINS
LABORATORY, INC

Client: Eagle Environmental Consulting
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: 303-433-0859
Email Address: anewberry@origins-lab.com

Project Manager: Andrew Newberry
Project Name: PTF #C 32-8
Project Number: -
Samples Collected By: SU

www.originslaboratory.com

4403272

page 1 of 1

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #			Other
ML-01	3/8/14	1315	1	X				X				1	ML-01 (see below)
ML-02		1321	1									2	
ML-03		1325	1									3	
ML-04		1344	1									4	
ML-05		1351	1									5	
												6	
												7	
												8	
												9	
												10	

Relinquished By: *[Signature]*
Date: 3/8/14

Received By: *[Signature]*
Date: 3/8/14

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

Temp Received: 5

Date Results Needed: *[Signature]*

* Bill to Don

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: -
Project: Noble - PTF #C 32-8

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 1403272

Client: Eagle

Client Project ID: PTF #C 32-8

Checklist Completed by: WHLEAS

Shipped Via: TD

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

Date/time completed: 3/11/24

Airbill #: N/A

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

Cooler Number/Temperature: 15 °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 ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Reviewed by (Project Manager) [Signature]

3/12/24
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: -
 Project: Noble - PTF #C 32-8

MW-01

3/8/2024 1:13:00PM

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

GEL Laboratories, LLC
Y403272-01 (Water)

Dissolved Metals by 200.8

Arsenic	12.0	2.00	5.00	ug/L	1	2580486	03/13/2024	03/14/2024
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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

Andrew Newberry
Project Number: -
Project: Noble - PTF #C 32-8

MW-02

3/8/2024 1:21:00PM

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

GEL Laboratories, LLC
Y403272-02 (Water)

Dissolved Metals by 200.8

Arsenic	14.1	2.00	5.00	ug/L	1	2580486	03/13/2024	03/14/2024	
---------	------	------	------	------	---	---------	------------	------------	--

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: -
Project: Noble - PTF #C 32-8

MW-03

3/8/2024 1:35:00PM

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

GEL Laboratories, LLC
Y403272-03 (Water)

Dissolved Metals by 200.8

Arsenic	14.2	2.00	5.00	ug/L	1	2580486	03/13/2024	03/14/2024	
---------	------	------	------	------	---	---------	------------	------------	--

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: -
Project: Noble - PTF #C 32-8

MW-04

3/8/2024 1:47:00PM

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

GEL Laboratories, LLC
Y403272-04 (Water)

Dissolved Metals by 200.8

Arsenic	11.0	2.00	5.00	ug/L	1	2580486	03/13/2024	03/14/2024	
---------	------	------	------	------	---	---------	------------	------------	--

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: -
 Project: Noble - PTF #C 32-8

MW-05

3/8/2024 1:51:00PM

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

GEL Laboratories, LLC

Y403272-05 (Water)

Dissolved Metals by 200.8

Arsenic	14.4	2.00	5.00	ug/L	1	2580486	03/13/2024	03/14/2024
---------	------	------	------	------	---	---------	------------	------------

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: -
Project: Noble - PTF #C 32-8

Dissolved Metals by 200.8 - Quality Control GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2580486 -										
FLTB (1205672867-BLK)					Prepared: 03/13/2024 Analyzed: 03/14/2024					
Arsenic	ND	5.00	ug/L				-			U
BLANK (1205672985-BLK)					Prepared: 03/13/2024 Analyzed: 03/14/2024					
Arsenic	ND	5.00	ug/L				-			U
LCS (1205672986-BKS)					Prepared: 03/13/2024 Analyzed: 03/14/2024					
Arsenic	51.0	5.00	ug/L	50.0		102	85-115			
DUP (1205672990 D)					Source: Y403272-01 Prepared: 03/13/2024 Analyzed: 03/14/2024					
Arsenic	11.9	5.00	ug/L		12.0		0-20	0.918	20	
MS (1205672991 S)					Source: Y403272-01 Prepared: 03/13/2024 Analyzed: 03/14/2024					
Arsenic	63.6	5.00	ug/L	50.0	12.0	103	75-125			

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: -
Project: Noble - PTF #C 32-8

Notes and Definitions

U Result not detected above the detection limit

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

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

Origins Laboratory, Inc.



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

Jordan A. Bynon, Project Manager



March 19, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - PTF #C 32-8

Project Number - -

Attached are your analytical results for Noble - PTF #C 32-8 received by Origins Laboratory, Inc. March 08, 2024. This project is associated with Origins project number Y403273-01.

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: -
Project: Noble - PTF #C 32-8

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01	Y403273-01	Water	March 8, 2024 13:13	03/08/2024 15:18
MW-02	Y403273-02	Water	March 8, 2024 13:21	03/08/2024 15:18
MW-03	Y403273-03	Water	March 8, 2024 13:35	03/08/2024 15:18
MW-04	Y403273-04	Water	March 8, 2024 13:47	03/08/2024 15:18
MW-05	Y403273-05	Water	March 8, 2024 13:51	03/08/2024 15:18

Origins Laboratory, Inc.



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

Jordan A. Bynon, Project Manager

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

Andrew Newberry
Project Number: -
Project: Noble - PTF #C 32-8

ORIGINS
LABORATORY, INC

www.originslaboratory.com

-1403273

page / of

Client: Eagle Environmental Consulting
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: 303-433-0474
Email Address: ONNewberry@Eagle-Enviro.com

Project Manager: Andrew Newberry
Project Name: PTF #C 32-8
Project Number:
Samples Collected By: J

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

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative					Matrix			Analysis				Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #	Other	TDS	Chloride	EPH-2000	EPH-3000		
MU-01	3/18/14	1313	1	X				X					X	X	X	None Needed	1
MU-02		1321	1														2
MU-03		1335															3
MU-04		1347															4
MU-05		1351	✓	✓									✓	✓	✓		5
																	6
																	7
																	8
																	9
																	10

Relinquished By: <i>Andrew Newberry</i>	Date: 3/18/14	Time: 1518	Received By: <i>WJ</i>	Date: 3/18/14	Time: 1518	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	

Temp Received: 5 Date Results Needed: *Andrew Newberry*

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: -
Project: Noble - PTF #C 32-8

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4403273

Client: Eagle

Client Project ID: PTF AC 32-8

Checklist Completed by: TJH/ EHS

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

Date/time completed: 3/11/24

Airbill #: N/A

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

Cooler Number/Temperature: 115 °C 1 °C 1 °C 1 °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 ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Reviewed by (Project Manager) [Signature]

3/12/24
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: -
Project: Noble - PTF #C 32-8

MW-01

3/8/2024 1:13:00PM

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

Origins Laboratory, Inc. Y403273-01 (Water)

Anions by IC 300.0

Chloride	206	31.2	mg/L	125	B4C1204	DLT	03/12/2024	03/12/2024	
Sulfate	837	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	2510	5.00	"	1	B4C1120	KRM	03/11/2024	03/12/2024	
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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

Andrew Newberry
Project Number: -
Project: Noble - PTF #C 32-8

MW-02

3/8/2024 1:21:00PM

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

Origins Laboratory, Inc. Y403273-02 (Water)

Anions by IC 300.0

Chloride	173	31.2	mg/L	125	B4C1204	DLT	03/12/2024	03/12/2024	
Sulfate	770	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	2370	5.00	"	1	B4C1120	KRM	03/11/2024	03/12/2024	
------------------------	------	------	---	---	---------	-----	------------	------------	--

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: -
Project: Noble - PTF #C 32-8

MW-03

3/8/2024 1:35:00PM

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

Origins Laboratory, Inc. Y403273-03 (Water)

Anions by IC 300.0

Chloride	245	31.2	mg/L	125	B4C1204	DLT	03/12/2024	03/12/2024	
Sulfate	668	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	2340	5.00	"	1	B4C1120	KRM	03/11/2024	03/12/2024	
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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

Andrew Newberry
Project Number: -
Project: Noble - PTF #C 32-8

MW-04

3/8/2024 1:47:00PM

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

Origins Laboratory, Inc. Y403273-04 (Water)

Anions by IC 300.0

Chloride	336	31.2	mg/L	125	B4C1204	DLT	03/12/2024	03/12/2024	
Sulfate	929	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	2920	5.00	"	1	B4C1121	KRM	03/11/2024	03/12/2024	
------------------------	------	------	---	---	---------	-----	------------	------------	--

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: -
Project: Noble - PTF #C 32-8

MW-05

3/8/2024 1:51:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y403273-05 (Water)

Anions by IC 300.0

Chloride	215	31.2	mg/L	125	B4C1204	DLT	03/12/2024	03/12/2024	
Sulfate	758	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	2540	5.00	"	1	B4C1121	KRM	03/11/2024	03/12/2024	
------------------------	------	------	---	---	---------	-----	------------	------------	--

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: -
Project: Noble - PTF #C 32-8

Classical Chemistry Parameters - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4C1120 - NO PREP										
Blank (B4C1120-BLK1)					Prepared: 03/11/2024 Analyzed: 03/12/2024					
Total Dissolved Solids	ND	5.00	mg/L							
LCS (B4C1120-BS1)					Prepared: 03/11/2024 Analyzed: 03/12/2024					
Total Dissolved Solids	996	5.00	mg/L	1030		96.7	90-110			
Duplicate (B4C1120-DUP1)					Source: Y403198-19		Prepared: 03/11/2024 Analyzed: 03/12/2024			
Total Dissolved Solids	1160	5.00	mg/L		1190			2.72	10	
Batch B4C1121 - NO PREP										
Blank (B4C1121-BLK1)					Prepared: 03/11/2024 Analyzed: 03/12/2024					
Total Dissolved Solids	ND	5.00	mg/L							
LCS (B4C1121-BS1)					Prepared: 03/11/2024 Analyzed: 03/12/2024					
Total Dissolved Solids	970	5.00	mg/L	1030		94.2	90-110			
Duplicate (B4C1121-DUP1)					Source: Y403273-04		Prepared: 03/11/2024 Analyzed: 03/12/2024			
Total Dissolved Solids	2690	5.00	mg/L		2920			8.26	10	
Batch B4C1204 - Filter .45um non acidified										
Blank (B4C1204-BLK1)					Prepared: 03/12/2024 Analyzed: 03/12/2024					
Chloride	ND	0.250	mg/L							
Sulfate	ND	0.250	"							
LCS (B4C1204-BS1)					Prepared: 03/12/2024 Analyzed: 03/12/2024					
Chloride	3.78	0.250	mg/L	4.00		94.6	90-110			
Sulfate	3.67	0.250	"	4.00		91.8	90-110			

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: -
Project: Noble - PTF #C 32-8

Classical Chemistry Parameters - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4C1204 - Filter .45um non acidified										
Matrix Spike (B4C1204-MS1)		Source: Y403271-01			Prepared: 03/12/2024 Analyzed: 03/12/2024					
Chloride	826		mg/L	500	317	102	90-110			
Sulfate	1930		"	500	1430	101	90-110			
Matrix Spike Dup (B4C1204-MSD1)		Source: Y403271-01			Prepared: 03/12/2024 Analyzed: 03/12/2024					
Chloride	825		mg/L	500	317	102	90-110	0.0879	5	
Sulfate	1930		"	500	1430	101	90-110	0.0758	5	

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: -
Project: Noble - PTF #C 32-8

Notes and Definitions

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.



March 14, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - PTF #C 32-8

Project Number - -

Attached are your analytical results for Noble - PTF #C 32-8 received by Origins Laboratory, Inc. March 08, 2024. This project is associated with Origins project number Y403274-01.

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: -
Project: Noble - PTF #C 32-8

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01	Y403274-01	Water	March 8, 2024 13:13	03/08/2024 15:18
MW-02	Y403274-02	Water	March 8, 2024 13:21	03/08/2024 15:18
MW-03	Y403274-03	Water	March 8, 2024 13:35	03/08/2024 15:18
MW-04	Y403274-04	Water	March 8, 2024 13:47	03/08/2024 15:18
MW-05	Y403274-05	Water	March 8, 2024 13:51	03/08/2024 15:18

Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: -
Project: Noble - PTF #C 32-8

ORIGINS

LABORATORY, INC

1403 274

www.originslaboratory.com

page 1 of 1

Client: Goyle Environmental Consulting
Address: 2016 W 4th Ave
Wheat Ridge, CO 80033
Telephone Number: 303-433-0909
Email Address: DMcMurry@Goyle-Enviro.com

Project Manager: Andrew Moulton
Project Name: PIC HC 30-8
Project Number:
Samples Collected By: SL

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis			Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa #	Other	MB-2212	MB-2212	
MB-01	3/18/04	1313	3	X				X			X		MBs Needed	1
MB-02		1301	1											2
MB-03		1335	1											3
MB-04		1344	1											4
MB-05		1351	1											5
														6
														7
														8
														9
														10
Relinquished By: <u>Sam Lewis</u>	Date: <u>3/18/04</u>		Time: <u>1518</u>					Received By: <u>[Signature]</u>	Date: <u>3/19/04</u>	Time: <u>1518</u>	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/>			
Relinquished By: <u> </u>	Date: <u> </u>		Time: <u> </u>					Received By: <u> </u>	Date: <u> </u>	Time: <u> </u>				

Fax: 303.265.9645

Phone: 303.433.1322

Denver, CO 80211

1725 Elk Place

Bill to Dan

Temp Received- S

Date Results Needed

ANAL

Origins Laboratory, Inc.

Jose 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

Andrew Newberry
Project Number: -
Project: Noble - PTF #C 32-8

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4403274

Client: Eagle

Client Project ID: PTC #C 32-8

Checklist Completed by: WJH/EHS

Shipped Via: TD

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

Date/time completed: 3/11/24

Airbill #: N/A

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

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

Thermometer ID: 7004

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

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

Reviewed by (Project Manager)

3/12/24
Date/Time Reviewed

Origins Laboratory, Inc.

Jen 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

Andrew Newberry
Project Number: -
Project: Noble - PTF #C 32-8

MW-01

3/8/2024 1:13:00PM

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

Y403274-01 (Water) Origins Laboratory, Inc.

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4C1126	JSM	03/11/2024	03/11/2024	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	106 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	96.8 %	70-130	"	"	"

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: -
Project: Noble - PTF #C 32-8

MW-02

3/8/2024 1:21:00PM

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

Y403274-02 (Water) Origins Laboratory, Inc.

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4C1126	JSM	03/11/2024	03/11/2024	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	105 %	70-130	"	"	"
Surrogate: Toluene-d8	106 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	94.8 %	70-130	"	"	"

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: -
Project: Noble - PTF #C 32-8

MW-03

3/8/2024 1:35:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y403274-03 (Water) Origins Laboratory, Inc.

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4C1126	JSM	03/11/2024	03/11/2024	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	106 %	70-130	"	"	"
Surrogate: Toluene-d8	104 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	96.9 %	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: -
Project: Noble - PTF #C 32-8

MW-04

3/8/2024 1:47:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y403274-04 (Water) Origins Laboratory, Inc.

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4C1126	JSM	03/11/2024	03/11/2024	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	105 %	70-130	"	"	"
Surrogate: Toluene-d8	107 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	95.5 %	70-130	"	"	"

Origins Laboratory, Inc.



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8000 W 44th Ave
Wheat Ridge CO 80033

Andrew Newberry
Project Number: -
Project: Noble - PTF #C 32-8

MW-05

3/8/2024 1:51:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Y403274-05 (Water) Origins Laboratory, Inc.

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4C1126	JSM	03/11/2024	03/11/2024	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	105 %	70-130	"	"	"
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	96.7 %	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: -
Project: Noble - PTF #C 32-8

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 B4C1126 - EPA 5030B (Water)										
Blank (B4C1126-BLK1)					Prepared: 03/11/2024 Analyzed: 03/11/2024					
1,2,4-Trimethylbenzene	ND	2.00	ug/L							U
1,3,5-Trimethylbenzene	ND	2.00	"							U
Benzene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Naphthalene	ND	2.00	"							U
Toluene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	65		"	62.5		104	70-130			
Surrogate: Toluene-d8	68		"	62.5		109	70-130			
Surrogate: 4-Bromofluorobenzene	60		"	62.5		96.4	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: -
Project: Noble - PTF #C 32-8

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 B4C1126 - EPA 5030B (Water)										
LCS (B4C1126-BS1)					Prepared: 03/11/2024 Analyzed: 03/11/2024					
1,2,4-Trimethylbenzene	48.2	2.00	ug/L	50.0		96.5	70-130			
1,3,5-Trimethylbenzene	50.3	2.00	"	50.0		101	70-130			
Benzene	52.7	1.00	"	50.0		105	70-130			
Ethylbenzene	58.5	1.00	"	50.0		117	70-130			
m,p-Xylene	112	2.00	"	100		112	70-130			
Naphthalene	43.4	2.00	"	50.0		86.9	70-130			
o-Xylene	54.2	1.00	"	50.0		108	70-130			
Toluene	54.6	1.00	"	50.0		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	71		"	62.5		113	70-130			
Surrogate: Toluene-d8	65		"	62.5		104	70-130			
Surrogate: 4-Bromofluorobenzene	56		"	62.5		89.5	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: -
Project: Noble - PTF #C 32-8

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 B4C1126 - EPA 5030B (Water)

Matrix Spike (B4C1126-MS1)		Source: Y403274-01			Prepared: 03/11/2024 Analyzed: 03/11/2024					
1,2,4-Trimethylbenzene	53.7	2.00	ug/L	50.0	ND	107	70-130			
1,3,5-Trimethylbenzene	55.2	2.00	"	50.0	ND	110	70-130			
Benzene	55.6	1.00	"	50.0	ND	111	70-130			
Ethylbenzene	62.6	1.00	"	50.0	ND	125	70-130			
m,p-Xylene	121	2.00	"	100	ND	121	70-130			
Naphthalene	40.0	2.00	"	50.0	ND	80.1	70-130			
o-Xylene	57.9	1.00	"	50.0	ND	116	70-130			
Toluene	57.9	1.00	"	50.0	ND	116	70-130			
Surrogate: 1,2-Dichloroethane-d4	67		"	62.5		107	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	55		"	62.5		87.7	70-130			

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

Andrew Newberry
Project Number: -
Project: Noble - PTF #C 32-8

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 B4C1126 - EPA 5030B (Water)										
Matrix Spike Dup (B4C1126-MSD1)			Source: Y403274-01		Prepared: 03/11/2024 Analyzed: 03/11/2024					
1,2,4-Trimethylbenzene	51.3	2.00	ug/L	50.0	ND	103	70-130	4.65	20	
1,3,5-Trimethylbenzene	53.4	2.00	"	50.0	ND	107	70-130	3.21	20	
Benzene	52.2	1.00	"	50.0	ND	104	70-130	6.21	20	
Ethylbenzene	58.6	1.00	"	50.0	ND	117	70-130	6.75	20	
m,p-Xylene	115	2.00	"	100	ND	115	70-130	5.63	20	
Naphthalene	39.9	2.00	"	50.0	ND	79.8	70-130	0.300	20	
o-Xylene	54.3	1.00	"	50.0	ND	109	70-130	6.45	20	
Toluene	54.5	1.00	"	50.0	ND	109	70-130	6.08	20	
Surrogate: 1,2-Dichloroethane-d4	66		"	62.5		106	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	57		"	62.5		91.1	70-130			

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

Andrew Newberry
Project Number: -
Project: Noble - PTF #C 32-8

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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Jen Pellegrini For Jordan A. Bynon, Project Manager