



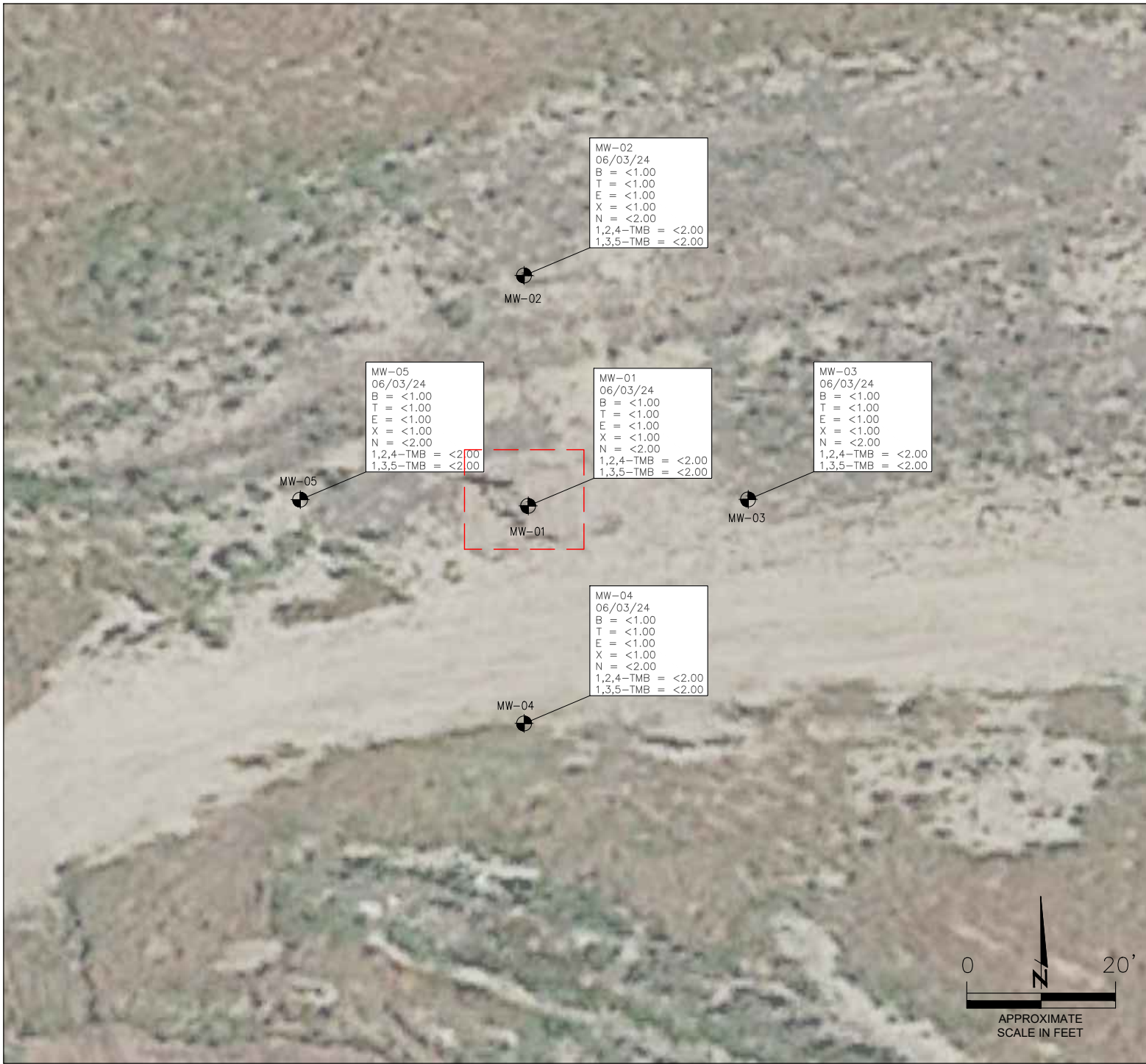
## **FIGURES**

**Figure 1: Groundwater Analytical Map (06/03/24)**

**Figure 2: Inorganic Groundwater Parameters Map (06/03/24)**

**Figure 3: Dissolved Metals Analytical Map (06/03/24)**

**Figure 4: Groundwater Elevation Map (06/03/24)**



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  
(06/03/24)  
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

# LEGEND

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

## PARAMETERS

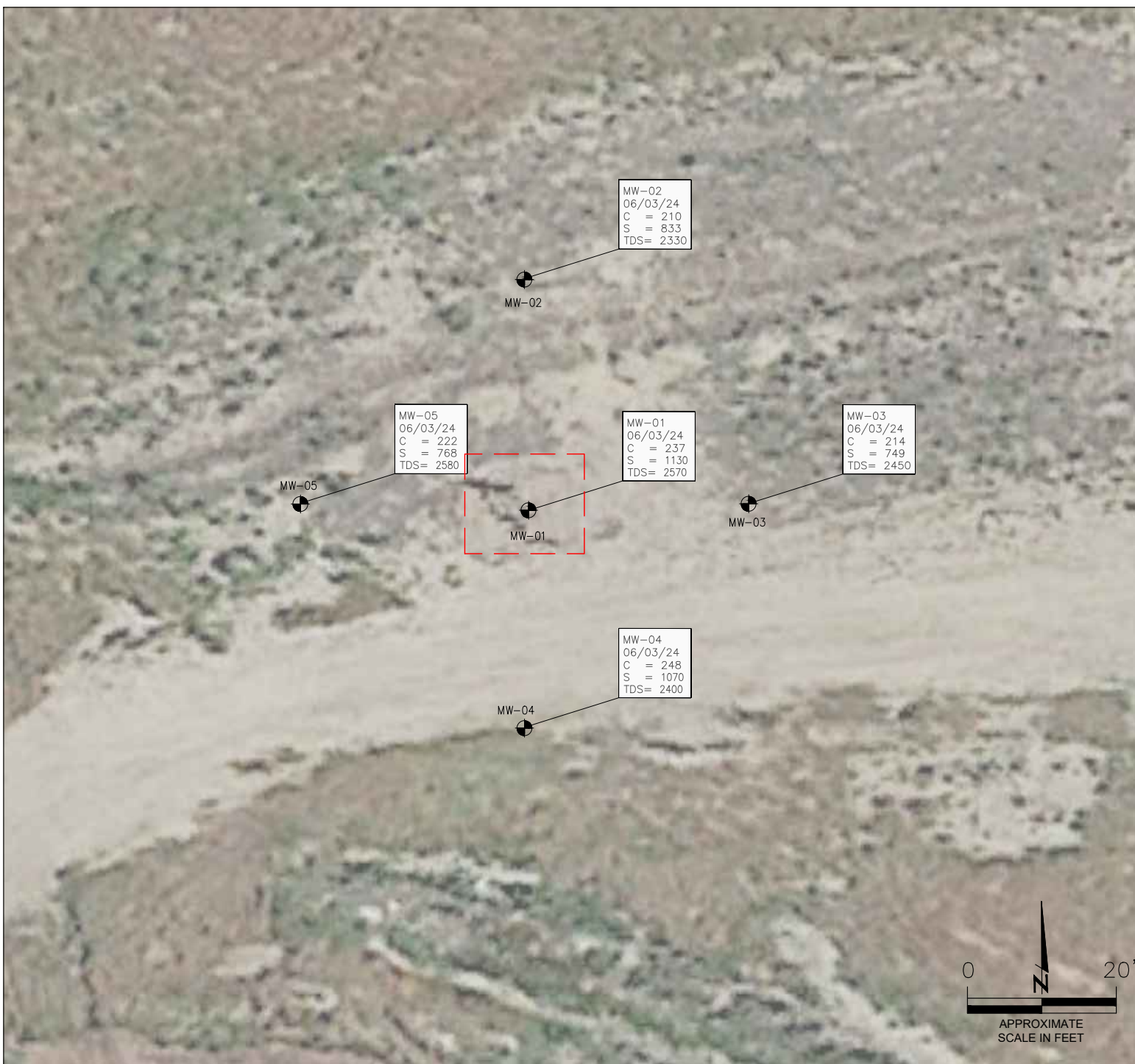
SAMPLE LOCATION  
 DATE  
 C = CHLORIDE (mg/L)  
 S = SULFATE (mg/L)  
 TDS = TOTAL DISSOLVED SOLIDS (mg/L)

mg/L = MICROGRAMS PER LITER

NOTE:  
 INORGANIC GROUNDWATER SAMPLES WERE COLLECTED  
 06/03/24.

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  
 (06/03/24)  
 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.  
 2


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

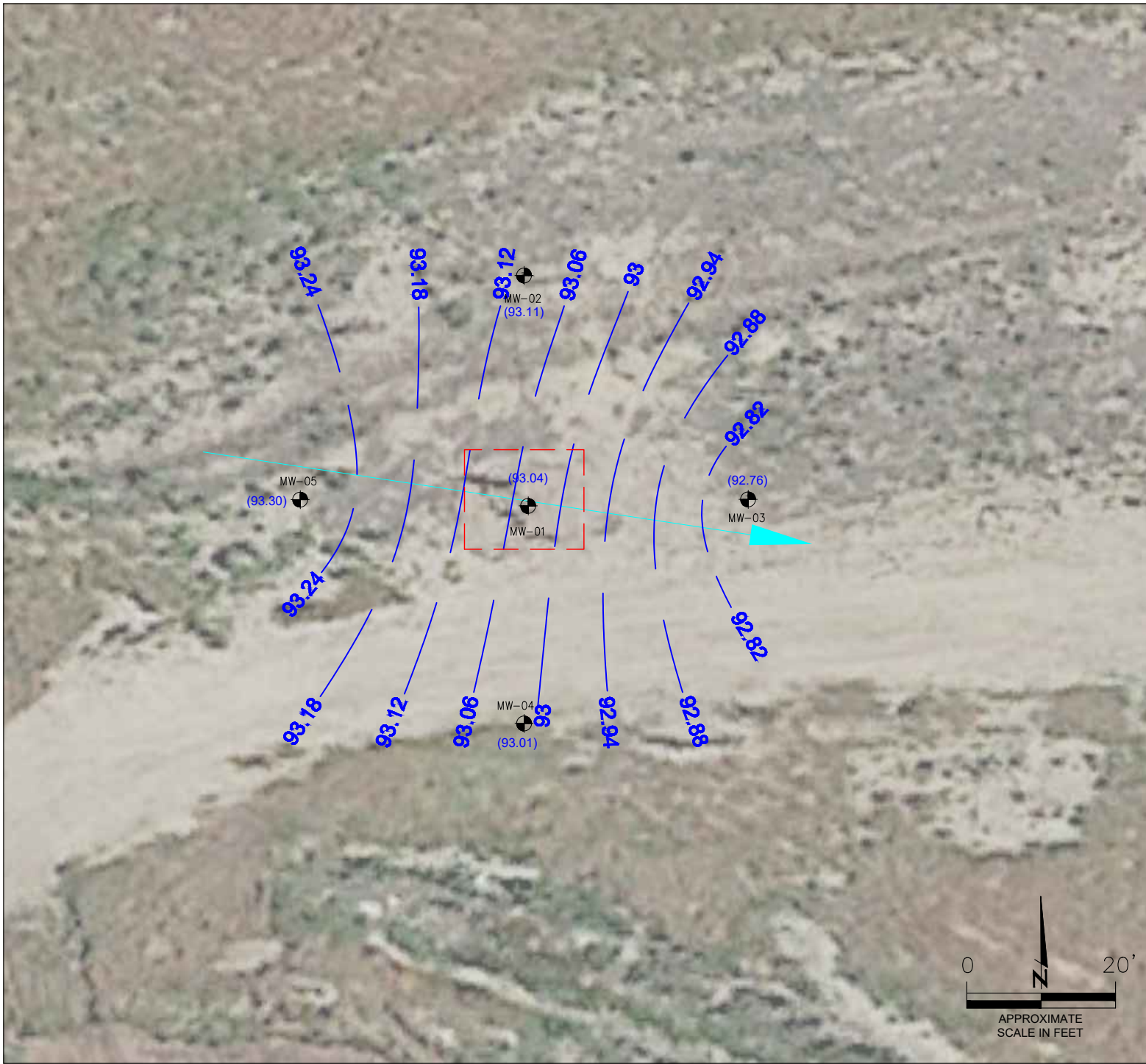
DISSOLVED METALS ANALYTICAL MAP  
(06/03/24)  
PTF #C 32-8  
HISTORICAL RELEASE  
40.270210 / -104.567750  
SE 1/4 NE 1/4 SEC.32 T4N R64W 6PM  
WELD COUNTY, COLORADO  
API # 05-123-14879  
REMEDIATION # 23204

FIGURE NO.  
3  
DRAWN BY:  
RS



**EAGLE**  
ENVIRONMENTAL  
CONSULTING, LLC

8000 W 44th Ave, Wheat Ridge, CO 80033  
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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  
REMEDATION # 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)
<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>
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
	06/03/24	<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
	06/03/24	<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
	06/03/24	<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
	06/03/24	<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
	06/03/24	<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 <b>BOLD</b> 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)
<b>ECMC Table 915-1 Regulatory Limits (mg/L)</b>		<b>&lt;1.25xLocal Background (539)</b>	<b>&lt;1.25xLocal Background (1210)</b>	<b>&lt;1.25xLocal Background (3225)</b>
MW-01 (40.270213 / -104.567724)	12/14/23	483	1050	2820
	3/8/2024	206	837	2510
	6/3/2024	237	1130	2570
MW-02 (40.270306 / -104.567726)	12/14/23	236	1150	2720
	3/8/2024	173	770	2370
	6/3/2024	210	833	2330
MW-03 (40.270209 / -104.567616)	12/14/23	374	855	2500
	3/8/2024	245	668	2340
	6/3/2024	214	749	2450
MW-04 (40.270138 / -104.567711)	12/14/23	522	959	2730
	3/8/2024	336	929	2920
	6/3/2024	248	1070	2400
MW-05 (40.270210 / -104.567822)	12/14/23	431	969	2500
	3/8/2024	215	758	2540
	6/3/2024	222	768	2580
ECMC - Energy & Carbon Management Commission mg/L - milligrams per liter INA - Inaccessible "local background" levels at the site. Local "regulatory limit" (1.25*local background) presented (in parentheses). Values presented in <b>BOLD</b> 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  
REMEDATION # 23204

Sample Location (Latitude/Longitude)	Date	Arsenic (mg/L)
<i>ECMC Table 915-1 Regulatory Limits</i>		--
<i>CDPHE WQCC Regulation 41 Standards</i>		<b>0.01</b>
MW-01 (40.270213 / -104.567724)	12/14/23	0.00841
	03/08/24	<b>0.012</b>
	06/03/24	<b>0.0357</b>
MW-02 (40.270306 / -104.567726)	12/14/23	<b>0.0102</b>
	03/08/24	<b>0.0141</b>
	06/03/24	<b>0.0179</b>
MW-03 (40.270209 / -104.567616)	12/14/23	<b>0.0127</b>
	03/08/24	<b>0.0142</b>
	06/03/24	<b>0.0298</b>
MW-04 (40.270138 / -104.567711)	12/14/23	0.00868
	03/08/24	<b>0.011</b>
	06/03/24	<b>0.0215</b>
MW-05 (40.270210 / -104.567822)	12/14/23	0.00797
	03/08/24	<b>0.0144</b>
	06/03/24	<b>0.0294</b>
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. Notes: Values presented in <b>BOLD</b> exceed the CDPHE WGCC 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
	06/03/24		6.58	93.04
MW-02 (40.270306 / -104.567726)	12/14/23	100	7.62	92.38
	03/08/24		7.67	92.33
	06/03/24		6.89	93.11
MW-03 (40.270209 / -104.567616)	12/14/23	99.68	7.64	92.04
	03/08/24		7.73	91.95
	06/03/24		6.92	92.76
MW-04 (40.270138 / -104.567711)	12/14/23	99.12	6.85	92.27
	03/08/24		6.92	92.20
	06/03/24		6.11	93.01
MW-05 (40.270210 / -104.567822)	12/14/23	99.53	7.01	92.52
	03/08/24		7.01	92.52
	06/03/24		6.23	93.30
NOTES: TOC - top of casing				



## **ATTACHMENT A**

### **Laboratory Analytical Reports**



June 20, 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. June 03, 2024. This project is associated with Origins project number Y406013-01.

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	Y406013-01	Water	June 3, 2024 12:25	06/03/2024 14:10
MW-02	Y406013-02	Water	June 3, 2024 12:45	06/03/2024 14:10
MW-03	Y406013-03	Water	June 3, 2024 12:55	06/03/2024 14:10
MW-04	Y406013-04	Water	June 3, 2024 12:15	06/03/2024 14:10
MW-05	Y406013-05	Water	June 3, 2024 12:35	06/03/2024 14:10

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

ORIGINAL WORK ORDER #

# 4406013

Page 1 of 1

LABORATORY LLC

Client:

Eagle Environmental Consulting

Address:

8000 W 44th Ave

Project Manager: Andrew Newberry

Project Name: PTF #C 32-8

Project Number:

—

Telephone Number:

303-933-0419

Collected By:

EG

Email Address:

anewberry@eagle-env.com

Invoice/Billing Info:

Noble / Bill to Dan

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

L=Liquid

#	Sample ID	Date	Time	# of Containers	Matrix	Preservative	Analysis				Comments
1	MW-01	6/7/24	1225	1	6L	UNP					MULS Needed
2	MW-02		1245								
3	MW-03		1255								
4	MW-04		1215								
5	MW-05		1235								
6											
7											
8											
9											
10											

Relinquished By: EG Date: 6/3/24 Time: 1410 Received By: EG Date: 6/6/24 Time: 1400

Temp Received: 7 Received On Ice? ☒ Yes ☐ No

Turnaround Time: ☐ 48 Hr ☐ 72 Hr ☒ SAME DAY

Standard ☒ Yes ☐ No

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.

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

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

## Sample Receipt Checklist

Origins Work Order: 4406013

Client: Eagle

Client Project ID: PTF C 32-8

Checklist Completed by: EAD

Shipped Via: HD

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

Date/time completed: 6/13/12

Airbill #: N/A

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

Cooler Number/Temperature: 117 °C 1 °C 1 °C (Describe) °C

Thermometer ID: 1005

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

6/13/12  
Date/Time Reviewed

Origins Laboratory, Inc.

*J. Bynon*

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

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

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

## MW-01

6/3/2024 12:25:00PM

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

## Origins Laboratory, Inc. Y406013-01 (Water)

### Anions by IC 300.0

Chloride	237	31.2	mg/L	125	B4F0402	DLT	06/04/2024	06/05/2024	
Sulfate	1130	31.2	"	"	"	DLT	"	"	

### Total Dissolved Solids by 2540C

Total Dissolved Solids	2570	5.00	"	1	B4F0427	KRM	06/04/2024	06/06/2024	
------------------------	------	------	---	---	---------	-----	------------	------------	--

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-02

6/3/2024 12:45:00PM

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

## Origins Laboratory, Inc. Y406013-02 (Water)

### Anions by IC 300.0

Chloride	210	31.2	mg/L	125	B4F0402	DLT	06/04/2024	06/05/2024	
Sulfate	833	31.2	"	"	"	DLT	"	"	

### Total Dissolved Solids by 2540C

Total Dissolved Solids	2330	5.00	"	1	B4F0427	KRM	06/04/2024	06/06/2024	
------------------------	------	------	---	---	---------	-----	------------	------------	--

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

6/3/2024 12:55:00PM

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

## Origins Laboratory, Inc. Y406013-03 (Water)

### Anions by IC 300.0

Chloride	214	31.2	mg/L	125	B4F0402	DLT	06/04/2024	06/05/2024	
Sulfate	749	31.2	"	"	"	DLT	"	"	

### Total Dissolved Solids by 2540C

Total Dissolved Solids	2450	5.00	"	1	B4F0427	KRM	06/04/2024	06/06/2024	
------------------------	------	------	---	---	---------	-----	------------	------------	--

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

6/3/2024 12:15:00PM

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

## Origins Laboratory, Inc. Y406013-04 (Water)

### Anions by IC 300.0

Chloride	248	31.2	mg/L	125	B4F0402	DLT	06/04/2024	06/05/2024	
Sulfate	1070	31.2	"	"	"	DLT	"	"	

### Total Dissolved Solids by 2540C

Total Dissolved Solids	2400	5.00	"	1	B4F0427	KRM	06/04/2024	06/06/2024	
------------------------	------	------	---	---	---------	-----	------------	------------	--

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

6/3/2024 12:35:00PM

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

## Origins Laboratory, Inc. Y406013-05 (Water)

### Anions by IC 300.0

Chloride	222	31.2	mg/L	125	B4F0402	DLT	06/04/2024	06/05/2024	
Sulfate	768	31.2	"	"	"	DLT	"	"	

### Total Dissolved Solids by 2540C

Total Dissolved Solids	2580	5.00	"	1	B4F0427	KRM	06/04/2024	06/06/2024	
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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

## 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 B4F0402 - Filter .45um non acidified</b>										
<b>Blank (B4F0402-BLK1)</b>					Prepared: 06/04/2024 Analyzed: 06/05/2024					
Chloride	ND	0.250	mg/L							
Sulfate	ND	0.250	"							
<b>LCS (B4F0402-BS1)</b>					Prepared: 06/04/2024 Analyzed: 06/05/2024					
Chloride	3.99	0.250	mg/L	4.00		99.6	90-110			
Sulfate	4.31	0.250	"	4.00		108	90-110			
<b>Matrix Spike (B4F0402-MS1)</b>					<b>Source: Y406008-01</b>		Prepared: 06/04/2024 Analyzed: 06/05/2024			
Chloride	532		mg/L	500	37.3	99.0	90-110			
Sulfate	1540		"	500	1040	99.4	90-110			
<b>Matrix Spike Dup (B4F0402-MSD1)</b>					<b>Source: Y406008-01</b>		Prepared: 06/04/2024 Analyzed: 06/05/2024			
Chloride	537		mg/L	500	37.3	99.9	90-110	0.844	5	
Sulfate	1550		"	500	1040	102	90-110	0.714	5	
<b>Batch B4F0427 - NO PREP</b>										
<b>Blank (B4F0427-BLK1)</b>					Prepared: 06/04/2024 Analyzed: 06/06/2024					
Total Dissolved Solids	ND	5.00	mg/L							
<b>LCS (B4F0427-BS1)</b>					Prepared: 06/04/2024 Analyzed: 06/06/2024					
Total Dissolved Solids	1010	5.00	mg/L	1020		98.8	90-110			
<b>Duplicate (B4F0427-DUP1)</b>					<b>Source: Y405896-13</b>		Prepared: 06/04/2024 Analyzed: 06/06/2024			
Total Dissolved Solids	816	5.00	mg/L		784			4.00	10	

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

### 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.*



June 20, 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. June 03, 2024. This project is associated with Origins project number Y406014-01.

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	Y406014-01	Water	June 3, 2024 12:25	06/03/2024 14:10
MW-02	Y406014-02	Water	June 3, 2024 12:45	06/03/2024 14:10
MW-03	Y406014-03	Water	June 3, 2024 12:55	06/03/2024 14:10
MW-04	Y406014-04	Water	June 3, 2024 12:15	06/03/2024 14:10
MW-05	Y406014-05	Water	June 3, 2024 12:35	06/03/2024 14:10

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

# ORIGINS

LABORATORY LLC

ORIGINS WORK ORDER #

140604

Page 1 of 1

Client:

Eagle Environmental Consulting

Project Manager:

Andrew Newberry

Key:

Address: 8000 W 44th Ave

Project Name: PTF #C 32-8

W=Water

Telephone Number: 303-433-0979

Project Number:

GW=Groundwater

Email Address:

andrew@eagle-environment.com

Collected By:

EG

SW=Surface Water

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

WW=Waste Water

L=Liquid

Invoice/Billing Info: Noble / B-11 to Dan

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservative	Analysis										Comments
1	MW-01	6/3/24	1225	7	64	HCL	BTEX, Naph, PCBs - 82600										MOLs Needed
2	MW-02		1245														
3	MW-03		1255														
4	MW-04		1215														
5	MW-05		1235														
6																	
7																	
8																	
9																	
10																	

Relinquished By: [Signature] Date: 6/3/24 Time: 1410

Received By: [Signature] Date: 6/6/24 Time: 1410

Temp Received: 70 Received On Ice? ☒ Yes ☐ No

Turnaround Time: ☐ SAME DAY ☐ 24 Hr ☐ 48 Hr ☐ 72 Hr

Standard ☒ Yes ☐ No

1725 Elk Place Denver, Co. 80211 | # 303.433.1322 | origins@db.com

For Lab Sample Receiving Only:

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: 4406014

Client: Eagle

Client Project ID: PTF C 32-8

Checklist Completed by: EAT

Shipped Via: HO

Date/time completed: 6/3/24

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

Airbill #: N/A

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

Cooler Number/Temperature: 117 °C 1 °C 1 °C (Describe)

Thermometer ID: T005

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

Date/Time Reviewed 6/3/24

Origins Laboratory, Inc.

*J. Bynon*

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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-01**  
**6/3/2024 12:25:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y406014-01 (Water)**

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

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4F0503	HK	06/05/2024	06/05/2024	U
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	HK	"	"	U
Benzene	ND	1.00	"	"	"	HK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	HK	"	"	U
Naphthalene	ND	2.00	"	"	"	HK	"	"	U
Toluene	ND	1.00	"	"	"	HK	"	"	U
Xylenes, total	ND	1.00	"	"	"	HK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130	"	"	"
Surrogate: Toluene-d8	101 %	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

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

**MW-02**  
**6/3/2024 12:45:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y406014-02 (Water)**

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

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4F0503	HK	06/05/2024	06/05/2024	U
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	HK	"	"	U
Benzene	ND	1.00	"	"	"	HK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	HK	"	"	U
Naphthalene	ND	2.00	"	"	"	HK	"	"	U
Toluene	ND	1.00	"	"	"	HK	"	"	U
Xylenes, total	ND	1.00	"	"	"	HK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %	70-130	"	"	"
Surrogate: Toluene-d8	96.6 %	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

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

**MW-03**  
**6/3/2024 12:55:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y406014-03 (Water)**

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

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4F0503	HK	06/05/2024	06/05/2024	U
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	HK	"	"	U
Benzene	ND	1.00	"	"	"	HK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	HK	"	"	U
Naphthalene	ND	2.00	"	"	"	HK	"	"	U
Toluene	ND	1.00	"	"	"	HK	"	"	U
Xylenes, total	ND	1.00	"	"	"	HK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130	"	"	"
Surrogate: Toluene-d8	99.9 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	106 %	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**  
**6/3/2024 12:15:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y406014-04 (Water)**

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

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4F0503	HK	06/05/2024	06/05/2024	U
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	HK	"	"	U
Benzene	ND	1.00	"	"	"	HK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	HK	"	"	U
Naphthalene	ND	2.00	"	"	"	HK	"	"	U
Toluene	ND	1.00	"	"	"	HK	"	"	U
Xylenes, total	ND	1.00	"	"	"	HK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	108 %	70-130	"	"	"
Surrogate: Toluene-d8	99.7 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	105 %	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-05**  
**6/3/2024 12:35:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y406014-05 (Water)**

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

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4F0503	HK	06/05/2024	06/05/2024	U
1,3,5-Trimethylbenzene	ND	2.00	"	"	"	HK	"	"	U
Benzene	ND	1.00	"	"	"	HK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	HK	"	"	U
Naphthalene	ND	2.00	"	"	"	HK	"	"	U
Toluene	ND	1.00	"	"	"	HK	"	"	U
Xylenes, total	ND	1.00	"	"	"	HK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	112 %	70-130	"	"	"
Surrogate: Toluene-d8	99.2 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	105 %	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
<b>Batch B4F0503 - EPA 5030B (Water)</b>										
<b>Blank (B4F0503-BLK1)</b>					Prepared: 06/05/2024 Analyzed: 06/05/2024					
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		103	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	66		"	62.5		105	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 B4F0503 - EPA 5030B (Water)										
LCS (B4F0503-BS1)					Prepared: 06/05/2024 Analyzed: 06/05/2024					
1,2,4-Trimethylbenzene	48.2	2.00	ug/L	50.0		96.3	70-130			
1,3,5-Trimethylbenzene	47.7	2.00	"	50.0		95.4	70-130			
Benzene	43.6	1.00	"	50.0		87.2	70-130			
Ethylbenzene	45.6	1.00	"	50.0		91.2	70-130			
m,p-Xylene	89.8	2.00	"	100		89.8	70-130			
Naphthalene	43.9	2.00	"	50.0		87.7	70-130			
o-Xylene	47.8	1.00	"	50.0		95.6	70-130			
Toluene	42.2	1.00	"	50.0		84.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	66		"	62.5		105	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.9	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		102	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 B4F0503 - EPA 5030B (Water)

Matrix Spike (B4F0503-MS1)		Source: Y406046-01			Prepared: 06/05/2024 Analyzed: 06/05/2024					
1,2,4-Trimethylbenzene	54.4	2.00	ug/L	50.0	ND	109	70-130			
1,3,5-Trimethylbenzene	54.3	2.00	"	50.0	ND	109	70-130			
Benzene	47.9	1.00	"	50.0	ND	95.8	70-130			
Ethylbenzene	51.6	1.00	"	50.0	ND	103	70-130			
m,p-Xylene	102	2.00	"	100	ND	102	70-130			
Naphthalene	48.4	2.00	"	50.0	0.730	95.3	70-130			
o-Xylene	54.6	1.00	"	50.0	ND	109	70-130			
Toluene	46.7	1.00	"	50.0	ND	93.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	63		"	62.5		101	70-130			
Surrogate: Toluene-d8	62		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	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 B4F0503 - EPA 5030B (Water)										
Matrix Spike Dup (B4F0503-MSD1)			Source: Y406046-01		Prepared: 06/05/2024 Analyzed: 06/05/2024					
1,2,4-Trimethylbenzene	56.6	2.00	ug/L	50.0	ND	113	70-130	4.04	20	
1,3,5-Trimethylbenzene	55.9	2.00	"	50.0	ND	112	70-130	2.98	20	
Benzene	52.0	1.00	"	50.0	ND	104	70-130	8.26	20	
Ethylbenzene	53.7	1.00	"	50.0	ND	107	70-130	3.85	20	
m,p-Xylene	106	2.00	"	100	ND	106	70-130	3.07	20	
Naphthalene	52.7	2.00	"	50.0	0.730	104	70-130	8.47	20	
o-Xylene	56.2	1.00	"	50.0	ND	112	70-130	2.92	20	
Toluene	49.4	1.00	"	50.0	ND	98.9	70-130	5.79	20	
Surrogate: 1,2-Dichloroethane-d4	62		"	62.5		99.8	70-130			
Surrogate: Toluene-d8	61		"	62.5		97.8	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	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

### 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.*



June 20, 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. June 03, 2024. This project is associated with Origins project number Y406015-01.

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	Y406015-01	Water	June 3, 2024 12:25	06/03/2024 14:10
MW-02	Y406015-02	Water	June 3, 2024 12:45	06/03/2024 14:10
MW-03	Y406015-03	Water	June 3, 2024 12:55	06/03/2024 14:10
MW-04	Y406015-04	Water	June 3, 2024 12:15	06/03/2024 14:10
MW-05	Y406015-05	Water	June 3, 2024 12:35	06/03/2024 14:10

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

# ORIGINS

ORIGINAL WORK ORDER #

# 9406015

Page 1 of 1

LABORATORY LLC

Client:

Eagle Environmental Consulting

Project Manager: Andrew Newberry

Key:

Address: 8000 W 44th Ave

Project Name: PTF #C 32-8

W=Water

Telephone Number: Wheat Ridge CO 80033

Project Number:

GW=Groundwater

Email Address: 303-433-0414

Collected By: E6

SW=Surface Water

Invoice Billing Info: dnewberry@eagleenviro.com

Waste/Water: Noble PTF to Do

WW=Waste Water

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

L=Liquid

#	Sample ID	Date		Time	# of Containers	Matrix	Preservative	Analysis												Comments
		Sampled	Time																	
1	MW-01	6/3/24	1225	1	60	UNP		Diss Arsenic 1200.8												
2	MW-02		1245																	
3	MW-03		1255																	
4	MW-04		1215																	
5	MW-05		1235																	
6																				
7																				
8																				
9																				
10																				

Relinquished By: [Signature] Date: 6/3/24 Time: 1410

Received By: [Signature] Date: 6/3/24 Time: 1410

Temp Received: 7 Received On Ice? ☒ Yes ☐ No

Turnaround Time: ☐ 48 Hr ☐ 72 Hr ☒ SAME DAY

Standard ☒

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

Origins Laboratory, Inc.

*J. Bynon*

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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

Origins Laboratory

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

## Sample Receipt Checklist

Origins Work Order: Y406015

Client: Eagle  
Client Project ID: PTF C32-8

Checklist Completed by: EHO

Shipped Via: LD  
(UPS, FedEx, Hand Delivered, Pick-up, etc.)  
Airbill #: N/A

Date/time completed: 6/3/12

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

Cooler Number/Temperature: 117 °C 1 °C 1 °C (Describe) \_\_\_\_\_ °C

Thermometer ID: 1005

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

EHO  
Reviewed by (Project Manager)

6/3/12  
Date/Time Reviewed

Origins Laboratory, Inc.

*J. Bynon*

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8000 W 44th Ave  
Wheat Ridge CO 80033

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

MW-01

6/3/2024 12:25:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y406015-01 (Water)

## Dissolved Metals by EPA 200.8

Arsenic	35.7	0.111	ug/L	1	B4F0405	KMC	06/04/2024	06/04/2024
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Origins Laboratory, Inc.



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Wheat Ridge CO 80033

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

**MW-02**

**6/3/2024 12:45:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y406015-02 (Water)**

**Dissolved Metals by EPA 200.8**

Arsenic	17.9	0.111	ug/L	1	B4F0405	KMC	06/04/2024	06/04/2024
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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-03**

**6/3/2024 12:55:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y406015-03 (Water)**

**Dissolved Metals by EPA 200.8**

Arsenic	29.8	0.111	ug/L	1	B4F0405	KMC	06/04/2024	06/04/2024	
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Origins Laboratory, Inc.



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Wheat Ridge CO 80033

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

**MW-04**

**6/3/2024 12:15:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y406015-04 (Water)**

**Dissolved Metals by EPA 200.8**

Arsenic	21.5	0.111	ug/L	1	B4F0405	KMC	06/04/2024	06/04/2024
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8000 W 44th Ave  
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Andrew Newberry  
Project Number: -  
Project: Noble - PTF #C 32-8

MW-05  
6/3/2024 12:35:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y406015-05 (Water)

## Dissolved Metals by EPA 200.8

Arsenic	29.4	0.111	ug/L	1	B4F0405	KMC	06/04/2024	06/04/2024
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Andrew Newberry  
Project Number: -  
Project: Noble - PTF #C 32-8

## Metals by EPA 200 Series Methods - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B4F0405 - EPA 200.8 Preparation</b>										
<b>Blank (B4F0405-BLK1)</b>					Prepared: 06/04/2024 Analyzed: 06/04/2024					
Arsenic	ND	0.111	ug/L							
<b>LCS (B4F0405-BS1)</b>					Prepared: 06/04/2024 Analyzed: 06/04/2024					
Arsenic	56.6	0.111	ug/L	55.6		102	85-115			
<b>Matrix Spike (B4F0405-MS1)</b>		<b>Source: Y406015-01</b>			Prepared: 06/04/2024 Analyzed: 06/04/2024					
Arsenic	92.3	0.111	ug/L	55.6	35.7	102	70-130			
<b>Matrix Spike Dup (B4F0405-MSD1)</b>		<b>Source: Y406015-01</b>			Prepared: 06/04/2024 Analyzed: 06/04/2024					
Arsenic	91.0	0.111	ug/L	55.6	35.7	99.6	70-130	1.41	25	

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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.

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