



FIGURES

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

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

Figure 3: Dissolved Metals Analytical Map (03/08/34)

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

LEGEND

- WELLHEAD ASSESSMENT BOUNDARIES
-  APPROXIMATE MONITORING WELL LOCATIONS

PARAMETERS

GROUNDWATER SAMPLE LOCATION

- DATE
- B** = BENZENE (µg/L)
- T** = TOLUENE (µg/L)
- E** = ETHYLBENZENE (µg/L)
- X** = TOTAL XYLENES (µg/L)
- N** = NAPHTHALENE (µg/L)
- 1,2,4-TMB** = 1,2,4-TRIMETHYLBENZENE (µg/L)
- 1,3,5-TMB** = 1,3,5-TRIMETHYLBENZENE (µg/L)

µg/L = MICROGRAMS PER LITER

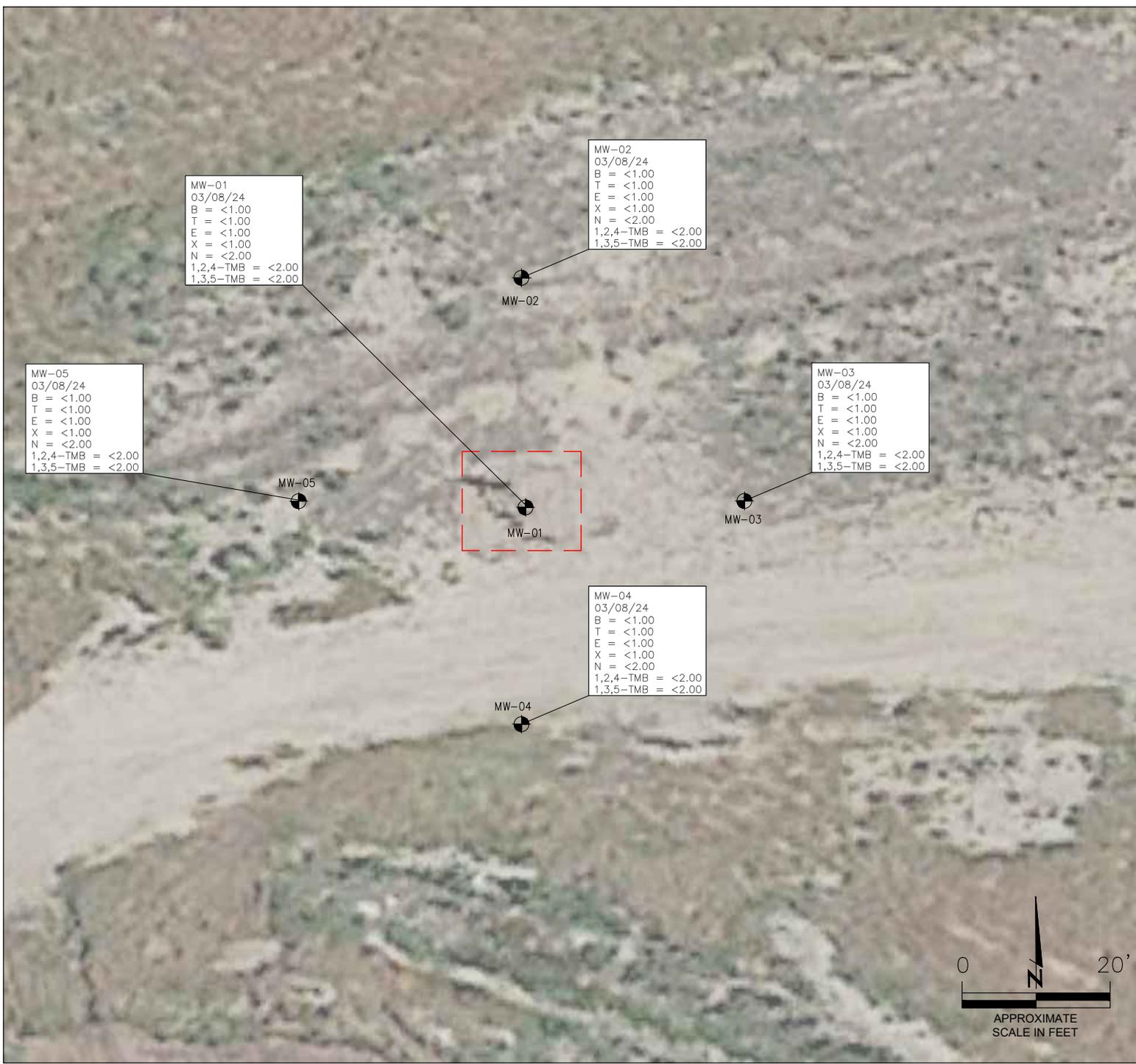
NOTES:
VALUES PRESENTED WITH A LESS THAN SYMBOL (<) DID NOT CONTAIN CONCENTRATIONS AT OR ABOVE THE LABORATORY REPORTING LIMIT.

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



MW-01
03/08/24
B = <1.00
T = <1.00
E = <1.00
X = <1.00
N = <2.00
1,2,4-TMB = <2.00
1,3,5-TMB = <2.00

MW-02
03/08/24
B = <1.00
T = <1.00
E = <1.00
X = <1.00
N = <2.00
1,2,4-TMB = <2.00
1,3,5-TMB = <2.00

MW-05
03/08/24
B = <1.00
T = <1.00
E = <1.00
X = <1.00
N = <2.00
1,2,4-TMB = <2.00
1,3,5-TMB = <2.00

MW-03
03/08/24
B = <1.00
T = <1.00
E = <1.00
X = <1.00
N = <2.00
1,2,4-TMB = <2.00
1,3,5-TMB = <2.00

MW-04
03/08/24
B = <1.00
T = <1.00
E = <1.00
X = <1.00
N = <2.00
1,2,4-TMB = <2.00
1,3,5-TMB = <2.00

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.

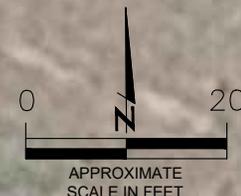
1

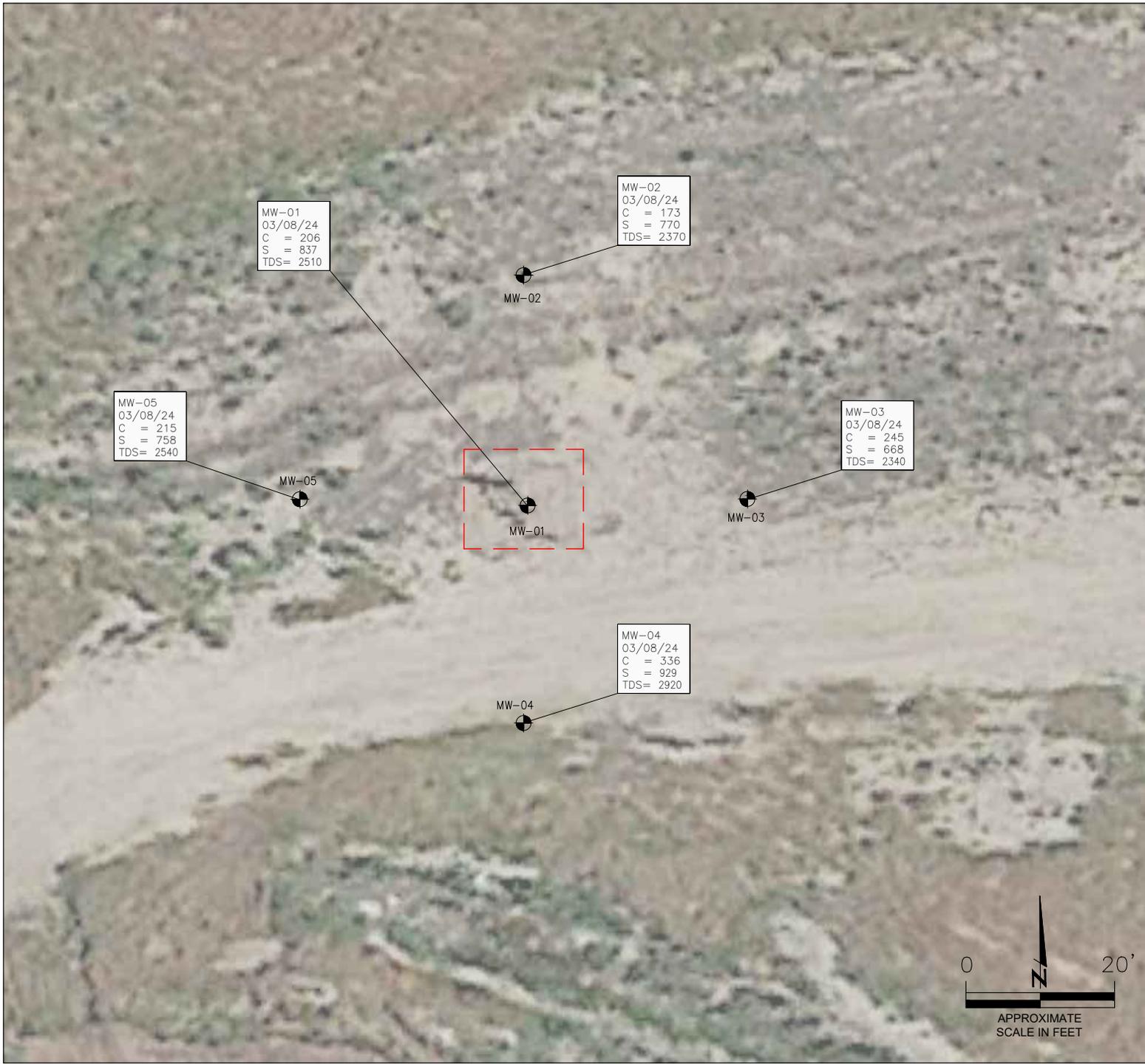
DRAWN BY:

RS



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





MW-01
03/08/24
C = 206
S = 837
TDS= 2510

MW-02
03/08/24
C = 173
S = 770
TDS= 2370

MW-05
03/08/24
C = 215
S = 758
TDS= 2540

MW-03
03/08/24
C = 245
S = 668
TDS= 2340

MW-04
03/08/24
C = 336
S = 929
TDS= 2920

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.

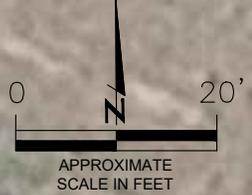
VALUES PRESENTED IN **BOLD** EXCEED THE ECMC TABLE
915-1 REGULATORY LIMITS FOR THAT COMPOUND

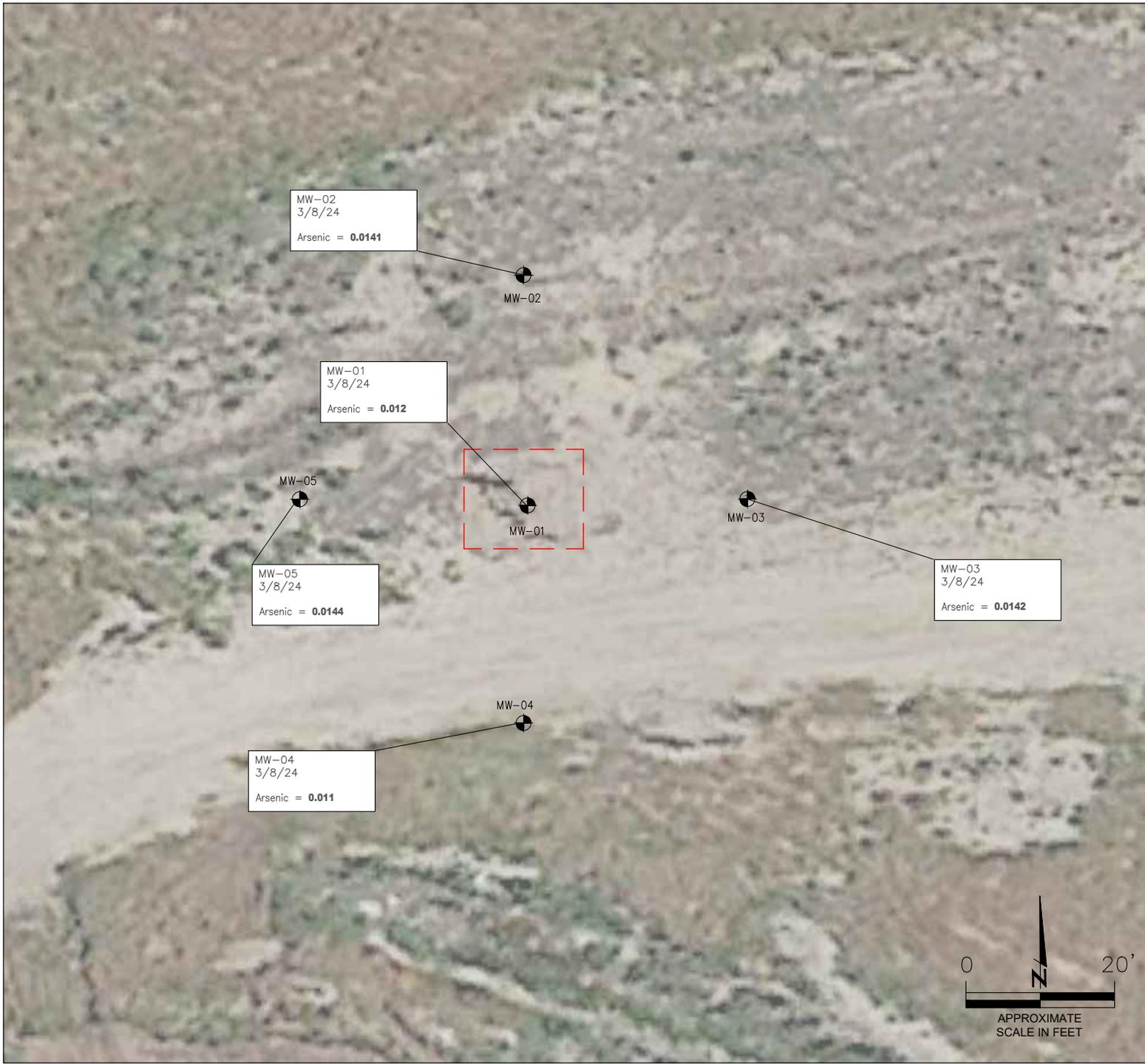
INORGANIC GROUNDWATER PARAMETERS MAP
(03/08/24)
PTF #C 32-8
HISTORICAL RELEASE
40.270210 / -104.567750
SE 1/4 NE 1/4 SEC.32 T4N R64W 6PM
WELD COUNTY, COLORADO
API # 05-123-14879
REMEDATION # 23204

FIGURE NO.
7

DRAWN BY:
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LEGEND

- WELLHEAD ASSESSMENT BOUNDARIES
- APPROXIMATE MONITORING WELL LOCATIONS

PARAMETERS

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

mg/L = MILLIGRAMS PER LITER

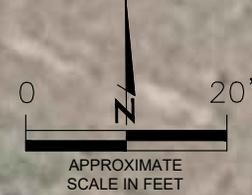
NOTES:
VALUES PRESENTED IN **BOLD** EXCEED CDPHE WQCC REGULATORY LIMITS

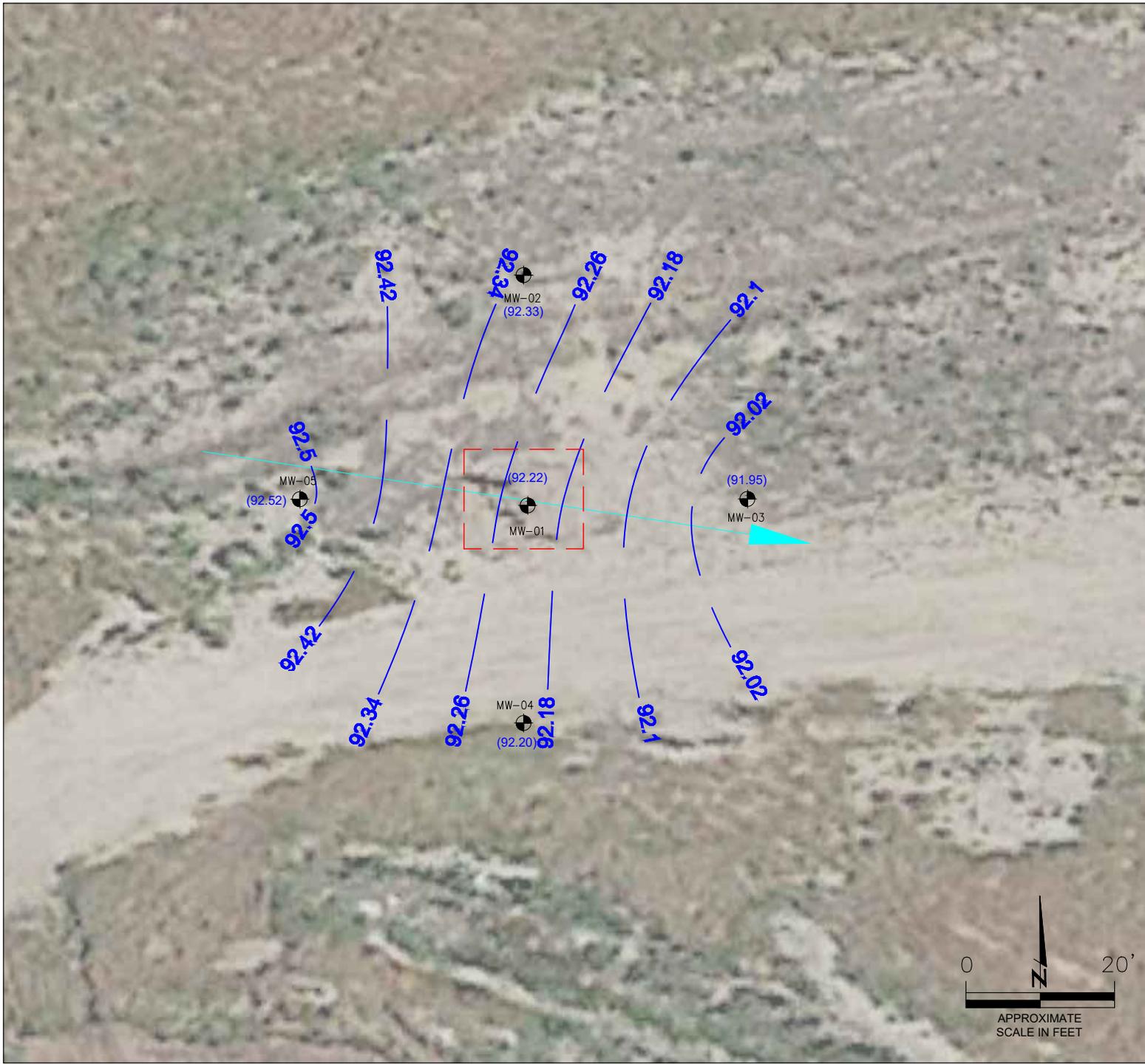
CDPHE WQCC = COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY CONTROL COMMISSION

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:
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LEGEND

- WELLHEAD ASSESSMENT BOUNDARIES
- APPROXIMATE MONITORING WELL LOCATIONS
MW-01
- (89.25) RELATIVE GROUNDWATER ELEVATION (FT.)
- INFERRED GROUNDWATER ELEVATION CONTOUR (FT.)
- APPROXIMATE GROUNDWATER FLOW DIRECTION

FT. = FEET

NOTE:
GROUNDWATER ELEVATION DATA WAS COLLECTED ON 3/8/24.

BACKGROUND: GOOGLE EARTH AERIAL IMAGERY JUNE 2016

GROUNDWATER ELEVATION 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.

4

DRAWN BY:

RS



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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
REMEDATION # 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
<p>ECMC = Energy & Carbon Management Commission Environment, Water Quality Control Commission mg/L = milligrams per liter NA = Not Analyzed</p> <p>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</p>		



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
REMEDATION # 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

www.originslaboratory.com

page | of |

4403272

ORIGINS
LABORATORY, INC

Client: Eagle Environmental Consulting
 Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
 Telephone Number: 303-433-0821
 Email Address: anewberry@eagle-enviro.com

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

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 #		
MW-01	3/18/14	1315	1	X				X				1 Mins (see lab)
MW-02		1321										2
MW-03		1325										3
MW-04		1344										4
MW-05		1351										5
												6
												7
												8
												9
												10

Relinquished By: [Signature] Date: 3/18/14 Time: 1518
 Relinquished By: [Signature] Date: 3/24/14 Time: 1518

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

Temp Received: 5 Date Results Needed: Noble

* Bill to Dan

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

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

Sample Receipt Checklist

Origins Work Order: M403272 Client: Eagle
 Client Project ID: PTF #C 32-8
 Checklist Completed by: WHLENS Shipped Via: TWD
 Date/time completed: 3/11/24 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A
 Matrix(s) Received: (Check all that apply): Soil/Solid Water Other:
 Cooler Number/Temperature: 1, 5 °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⁾ ?	/			
Is there ice present (document if blue ice is used)	/			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		/		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		/		
Were all samples received intact ⁽¹⁾ ?	/			
Was adequate sample volume provided ⁽¹⁾ ?	/			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		/		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	/			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	/			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	/			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	/			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			/	
Are samples preserved that require preservation and was it checked ⁽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)			/	
Additional Comments (if any):				

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

Reviewed by (Project Manager) [Signature] Date/Time Reviewed 3/12/24

Origins Laboratory, Inc.

[Signature]

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

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

Andrew Newberry
Project Number: -
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	
---------	------	------	------	------	---	---------	------------	------------	--

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	
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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

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.

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: TJM/EHS

Shipped Via: HLV
 (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⁾ ?	/			
Is there ice present (document if blue ice is used)	/			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		/		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		/		
Were all samples received intact ⁽¹⁾ ?	/			
Was adequate sample volume provided ⁽¹⁾ ?	/			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		/		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	/			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	/			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	/			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	/			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			/	
Are samples preserved that require preservation and was it checked ⁽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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)			/	
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]

3/11/24
 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
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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
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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	
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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-03

3/8/2024 1:35:00PM

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

Jordan A. Bynon, Project Manager



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.

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

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

www.originslaboratory.com

page 1 of 1

4403 274

ORIGINS
LABORATORY, INC

Client: Eagle Environmental Consulting
 Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
 Telephone Number: 303-433-0999
 Email Address: newberry@eagle-environment.com

Project Manager: Andrew Newberry
 Project Name: PTF #C 32-8
 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
MN-01	3/18/04	1313	3	X				X					1 MUs Needed
MN-02		1301											2
MN-03		1335											3
MN-04		1347											4
MN-05		1351											5
													6
													7
													8
													9
													10

Relinquished By: [Signature] Date: 3/18/04 Time: 1518 Received By: [Signature] Date: 3/19/04 Time: 1518

Relinquished By: _____ Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____

Temp Received: S Date Results Needed: ANBUB

Bill to Dan

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

Origins Laboratory, Inc.

Jefe Pellegrini

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

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

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: W.M. E.H.S. Shipped Via: TD
 Date/time completed: 3/11/24 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A
 Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 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⁾ ?	/			
Is there ice present (document if blue ice is used)	/			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		/		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		/		
Were all samples received intact ⁽¹⁾ ?	/			
Was adequate sample volume provided ⁽¹⁾ ?	/			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		/		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	/			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	/			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	/			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	/			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.		/		
Are samples preserved that require preservation and was it checked ⁽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)	/			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) [Signature]

3/12/24
 Date/Time Reviewed

Origins Laboratory, Inc.

Jefe Pellegrini

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

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

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
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

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			"	"	"	"

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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
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			"	"	"	"

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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)

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			

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Eagle Environmental Consulting, LLC
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 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)

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			

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Eagle Environmental Consulting, LLC
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 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
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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			

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.

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Jen Pellegrini For Jordan A. Bynon, Project Manager