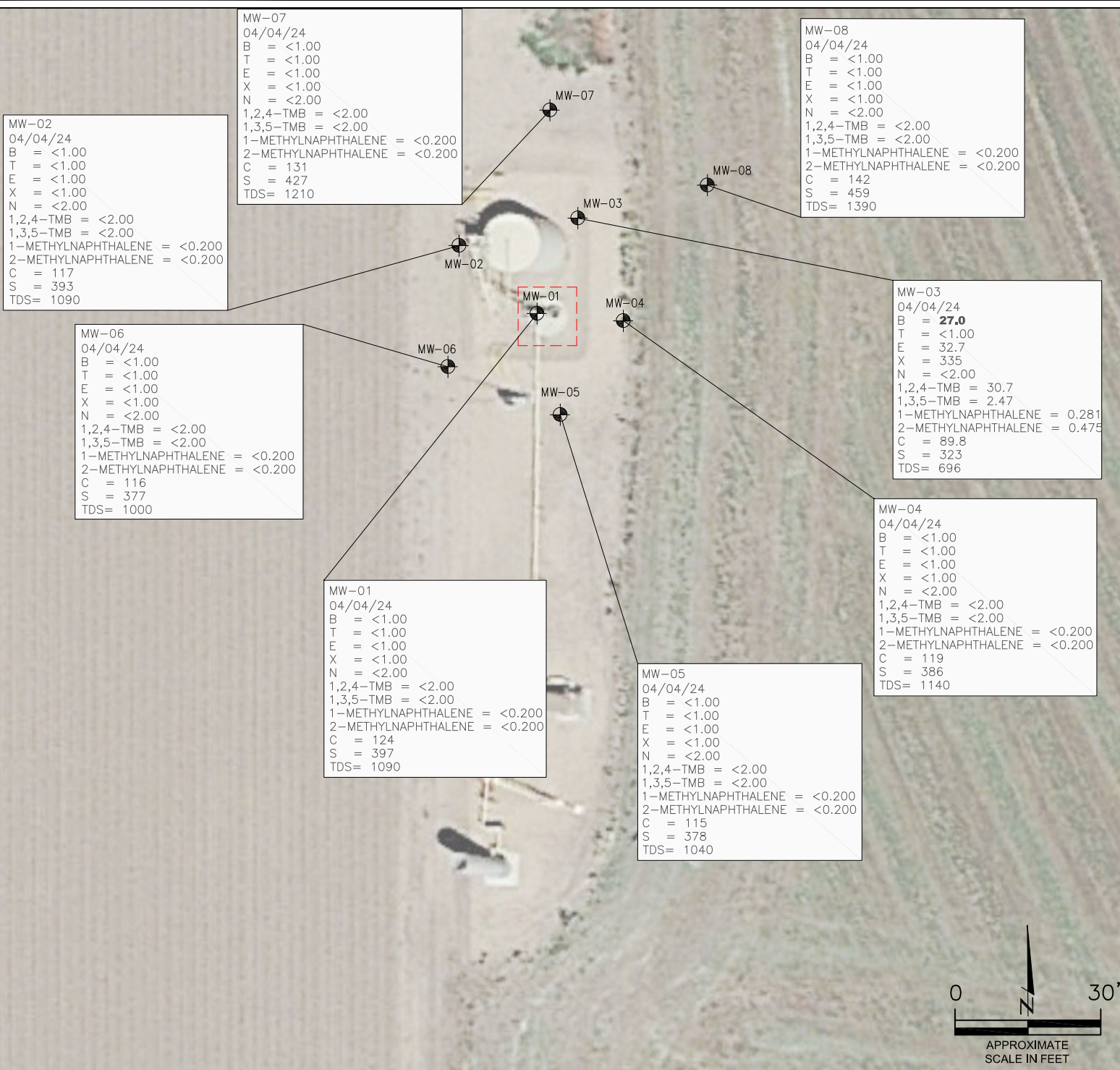




FIGURES

Figure 1: Groundwater Analytical Map (04/04/24)

Figure 2: Groundwater Elevation Map (04/04/24)



LEGEND

- INITIAL VAULT ASSESSMENT BOUNDARIES
- MONITORING WELL LOCATIONS

PARAMETERS

GROUNDWATER SAMPLE LOCATION
DATE
B = BENZENE (µg/L)
T = TOLUENE (µg/L)
E = ETHYLBENZENE (µg/L)
X = TOTAL XYLENES (µg/L)
N = NAPHTHALENE (µg/L)
1,2,4-TMB = 1,2,4-TRIMETHYLBENZENE (µg/L)
1,3,5-TMB = 1,3,5-TRIMETHYLBENZENE (µg/L)
1-METHYLNAPHTHALENE (µg/L)
2-METHYLNAPHTHALENE (µg/L)
C = CHLORIDE (mg/L)
S = SULFATE (mg/L)
TDS = TOTAL DISSOLVED SOLIDS (mg/L)

µg/L = MICROGRAMS PER LITER
mg/L = MILLIGRAMS PER LITER

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

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

*ECMC REGULATORY LIMITS IN GROUNDWATER HAVE NOT BEEN ESTABLISHED FOR 1-METHYLNAPHTHALENE AND 2-METHYLNAPHTHALENE. ECMC IMPLEMENTS A NARRATIVE GROUNDWATER QUALITY STANDARD TAKEN FROM THE ENVIRONMENTAL PROTECTION AGENCY (EPA) REGIONAL SCREENING LEVELS (RSLs) FOR TAPWATER, AS INCORPORATED BY REFERENCE IN RULE 901.B, TABLES FOR TARGET RISK ("TR")=1x10⁻⁶ AND TARGET HAZARD QUOTIENT ("THQ")=0.1. THE EPA RSL FOR TAPWATER, AND RESULTANT NARRATIVE GROUNDWATER QUALITY STANDARDS ARE 1.1 µg/L FOR 1-METHYLNAPHTHALENE AND 3.6 µg/L FOR 2-METHYLNAPHTHALENE.

ECMC = ENERGY & CARBON MANAGEMENT COMMISSION

GROUNDWATER ANALYTICAL MAP

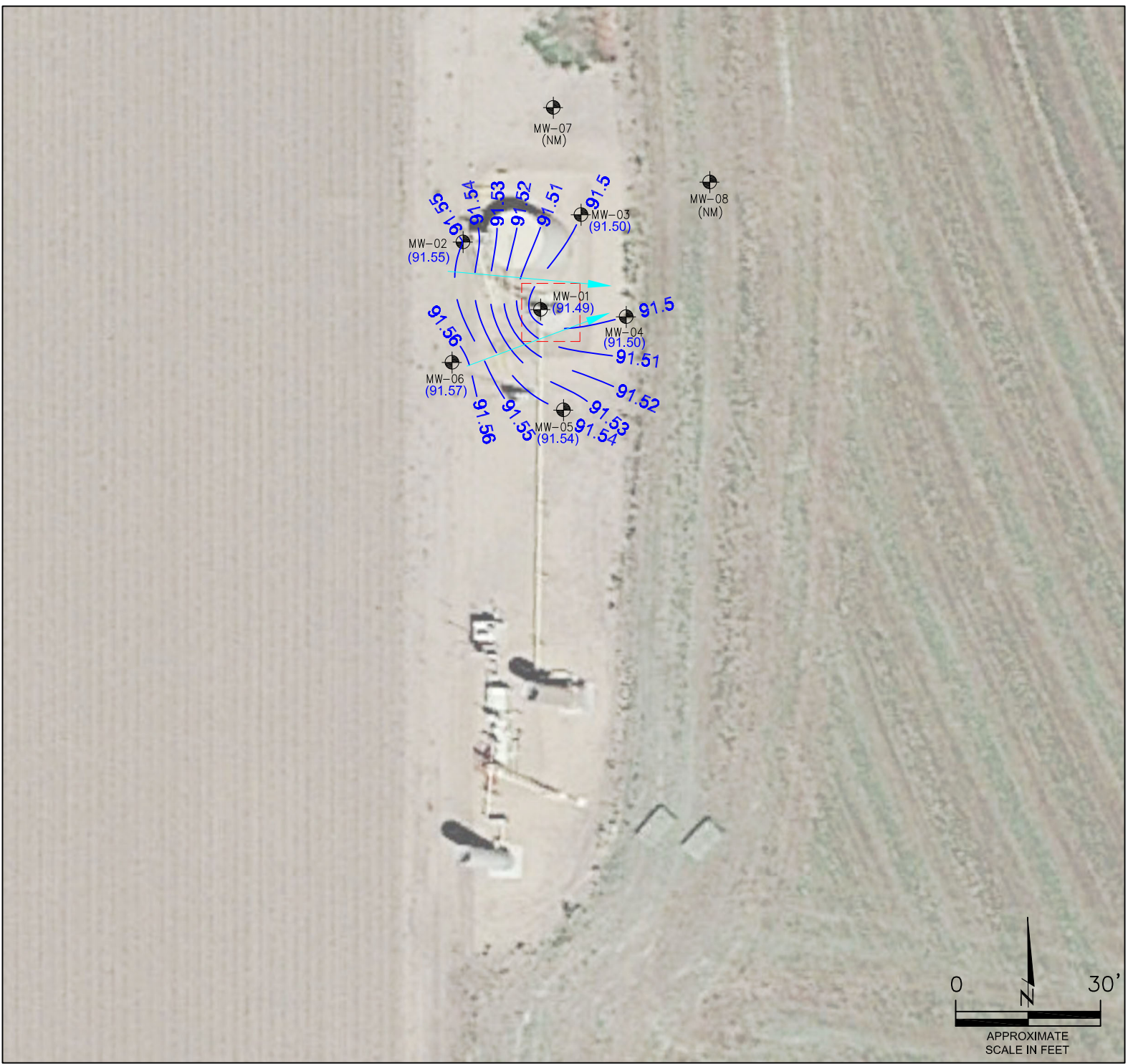
(04/04/24)
WALKER T4N-R65W-S4 TANK BATTERY
HISTORICAL RELEASE
40.343584 / -104.672859
SE¼ NW¼ SEC.4 T4N R65W 6PM
WELD COUNTY, COLORADO
LOCATION ID 306446
REMEDATION # 21615

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

- INITIAL VAULT ASSESSMENT BOUNDARIES
- ⊕ MONITORING WELL LOCATIONS
- (91.45) RELATIVE GROUNDWATER ELEVATION (FT.)
- - - INFERRED GROUNDWATER ELEVATION CONTOURS (FT.)
- ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION

FT. = FEET
NM = NOT MEASURED
NOTE: GROUNDWATER ELEVATION DATA COLLECTED ON 04/04/24.
HYDRAULIC GRADIENT (MW-06 TO MW-04): 0.002 FT./FT.

GROUNDWATER ELEVATION MAP
(04/04/24)
WALKER T4N-R65W-S4 TANK BATTERY
HISTORICAL RELEASE
40.343584 / -104.672859
SE¼ NW¼ SEC.4 T4N R65W 6PM
WELD COUNTY, COLORADO
LOCATION ID 306446
REMEDATION # 21615

FIGURE NO.
2
DRAWN BY:
ZM



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



TABLES

Table 1: Groundwater Analytical Results Summary

Table 2: Inorganics Groundwater Parameters Summary

Table 3: Groundwater Elevation Summary

TABLE 1
GROUNDWATER ANALYTICAL RESULTS SUMMARY
WALKER T4N-R65W-S4 TANK BATTERY
HISTORICAL RELEASE
40.343584 / -104.672859
SE1/4 NW1/4 SEC.4 T4N R65W 6PM
WELD COUNTY, COLORADO
LOCATION ID 306446
REMEDATION # 21615

Sample Location (Latitude/Longitude)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- trimethylbenzene (µg/L)	1,3,5- trimethylbenzene (µg/L)	1-Methyl- naphthalene (µg/L)	2-Methyl- naphthalene (µg/L)
ECMC Table 915-1 Regulatory Limits (µg/L)		5	560	700	1400	140	67	67	--	--
ECMC Narrative Groundwater Quality Standards* (µg/L)		--	--	--	--	--	--	--	1.1*	3.6*
MW-01 (40.343830 / -104.672839)	04/24/23	2.85	<1.00	<1.00	389	<2.00	43.5	31.3	0.645	1.22
	07/03/23	1.08	<1.00	<1.00	69.7	<2.00	15.4	10.8	0.0613	0.0654
	10/16/23	<1.00	<1.00	3.42	42.20	<2.00	8.15	4.3	<0.200	0.402
	01/09/24	<1.00	<1.00	2.62	35.40	<2.00	6.87	3.48	0.65	1.25
	04/04/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
MW-02 (40.343876 / -104.672896)	04/24/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	0.0179	0.0347
	07/03/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.02	<0.02
	10/16/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
	01/09/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
	04/04/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
MW-03 (40.343887 / -104.672812)	04/24/23	61.4	10.3	43.7	106	<2.00	125	76.8	1.22	2.16
	07/03/23	14.7	<1.00	27.1	197	2.66	39.7	8.17	0.877	1.16
	10/16/23	24.7	<1.00	5.98	15.9	<2.00	18.8	2.6	0.595	0.75
	01/09/24	45.5	<1.00	12.8	88.6	<2.00	26.8	2.25	1.02	1.36
	04/04/24	27.0	<1.00	32.7	335	<2.00	30.7	2.47	0.281	0.475
MW-04 (40.343824 / -104.672782)	04/24/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.02	<0.02
	07/03/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.02	<0.02
	10/16/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
	01/09/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
	04/04/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
MW-05 (40.343778 / -104.672829)	04/24/23	<1.00	<1.00	<1.00	3.00	<2.00	<2.00	<2.00	<0.02	<0.02
	07/03/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.02	<0.02
	10/16/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
	01/09/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	0.227
	04/04/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
MW-06 (40.343802 / -104.672900)	04/24/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.02	<0.02
	07/03/23	<1.00	<1.00	2.30	58.8	<2.00	14.4	10.4	0.114	0.0769
	10/16/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
	01/09/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
	04/04/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
MW-07 (40.34394 / -104.672819)	10/16/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
	01/09/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	0.246
	04/04/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200

TABLE 1
GROUNDWATER ANALYTICAL RESULTS SUMMARY
WALKER T4N-R65W-S4 TANK BATTERY
HISTORICAL RELEASE
40.343584 / -104.672859
SE1/4 NW1/4 SEC.4 T4N R65W 6PM
WELD COUNTY, COLORADO
LOCATION ID 306446
REMEDATION # 21615

Sample Location (Latitude/Longitude)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- trimethylbenzene (µg/L)	1,3,5- trimethylbenzene (µg/L)	1-Methyl- naphthalene (µg/L)	2-Methyl- naphthalene (µg/L)
ECMC Table 915-1 Regulatory Limits (µg/L)		5	560	700	1400	140	67	67	--	--
ECMC Narrative Groundwater Quality Standards* (µg/L)		--	--	--	--	--	--	--	1.1*	3.6*
MW-08 (40.343901 / -104.672719)	10/16/23	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
	01/09/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	0.255
	04/04/24	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	<0.200	<0.200
ECMC - Energy & Carbon Management Commission NS - Not Sampled NOP - Not on Plan µg/L - micrograms per liter Notes: *ECMC regulatory limits in groundwater have not been established for 1-methylnaphthalene and 2-methylnaphthalene. ECMC implements a narrative groundwater quality standard taken from the Environmental Protection Agency (EPA) Regional Screening Levels (RSLs) for Tapwater, as incorporated by reference in Rule 901.b, tables for Target Risk ("TR") = 1×10^{-6} and Target Hazard Quotient ("THQ")=0.1. The EPA RSL for Tapwater, and resultant narrative groundwater quality standard is 1.1 µg/L for 1-methylnaphthalene and 3.6 µg/L for 2-methylnaphthalene. Values presented with a less than symbol (<) indicate concentrations were not observed at or above the laboratory reporting limit. Values presented in BOLD contained concentrations exceeding applicable Quality Standards.										

TABLE 2
INORGANICS GROUNDWATER PARAMETERS SUMMARY
WALKER T4N-R65W-S4 TANK BATTERY
HISTORICAL RELEASE
40.343584 / -104.672859
SE1/4 NW1/4 SEC.4 T4N R65W 6PM
WELD COUNTY, COLORADO
LOCATION ID 306446
REMEDATION # 21615

Sample Location (Latitude/Longitude)	Date	Chlorides (mg/L)	Sulfates (mg/L)	Total Dissolved Solids (mg/L)
<i>ECMC Table 915-1 Regulatory Limits (mg/L)</i>		1.25 x Local Background (280)	1.25 x Local Background (679)	1.25 x Local Background (2037)
MW-01 (40.343830 / -104.672839)	04/24/23	203	483	1600
	07/03/23	201	395	1480
	10/16/23	143	319	1060
	01/09/24	111	254	1060
	04/04/24	124	397	1090
MW-02 (40.343876 / -104.672896)	04/24/23	231	576	1750
	07/03/23	178	402	1370
	10/16/23	144	361	1190
	01/09/24	114	274	1100
	04/04/24	117	393	1090
MW-03 (40.343887 / -104.672812)	04/24/23	217	492	1500
	07/03/23	193	412	1430
	10/16/23	199	394	1370
	01/09/24	125	173	1020
	04/04/24	89.8	232	696
MW-04 (40.343824 / -104.672782)	04/24/23	224	543	1630
	07/03/23	181	405	1370
	10/16/23	195	441	1580
	01/09/24	120	276	1110
	04/04/24	119	386	1140
MW-05 (40.343778 / -104.672829)	04/24/23	240	511	1430
	07/03/23	183	411	1400
	10/16/23	150	322	1370
	01/09/24	128	284	1190
	04/04/24	115	378	1040
MW-06 (40.343802 / -104.672900)	04/24/23	225	536	1590
	07/03/23	194	405	1450
	10/16/23	109	258	1110
	01/09/24	103	241	992
	04/04/24	116	377	1000

TABLE 2
 INORGANICS GROUNDWATER PARAMETERS SUMMARY
 WALKER T4N-R65W-S4 TANK BATTERY
 HISTORICAL RELEASE
 40.343584 / -104.672859
 SE1/4 NW1/4 SEC.4 T4N R65W 6PM
 WELD COUNTY, COLORADO
 LOCATION ID 306446
 REMEDIATION # 21615

Sample Location (Latitude/Longitude)	Date	Chlorides (mg/L)	Sulfates (mg/L)	Total Dissolved Solids (mg/L)
<i>ECMC Table 915-1 Regulatory Limits (mg/L)</i>		1.25 x Local Background (280)	1.25 x Local Background (679)	1.25 x Local Background (2037)
MW-07 (40.34394 / -104.672819)	10/16/23	158	388	1320
	01/09/24	150	380	1360
	04/04/24	131	427	1210
MW-08 (40.343901 / -104.672719)	10/16/23	229	449	1520
	01/09/24	173	382	1420
	04/04/24	142	459	1390
mg/L - milligrams per liter NS - Not Sampled NOP - Not on Plan Note: The Inorganic Groundwater Parameters from upgradient monitoring well MW-06 in April 2023 was used in the determination of "local background range" levels for chloride, sulfate and total dissolved solids at the site. Local "regulatory limit" (1.25*local background) presented (in parentheses). Values presented in bold typeface exceed their respective ECMC - Regulatory Limits (Table 915-1).				

TABLE 3
GROUNDWATER ELEVATION SUMMARY
WALKER T4N-R65W-S4 TANK BATTERY
HISTORICAL RELEASE
40.343584 / -104.672859
SE1/4 NW1/4 SEC.4 T4N R65W 6PM
WELD COUNTY, COLORADO
LOCATION ID 306446
REMEDIATION # 21615

Sample Location (Latitude/Longitude)	Date	TOC Elevation (feet)	Depth to Groundwater from TOC (feet)	Relative Groundwater Elevation (feet)
MW-01 (40.343830 / -104.672839)	04/24/23	99.80	8.90	90.90
	07/03/23		5.54	94.26
	10/16/23		3.52	96.28
	01/09/24		6.70	93.10
	04/04/24		8.31	91.49
MW-02 (40.343876 / -104.672896)	04/24/23	100.00	9.03	90.97
	07/03/23		5.69	94.31
	10/16/23		3.71	96.29
	01/09/24		6.83	93.17
	04/04/24		8.45	91.55
MW-03 (40.343887 / -104.672812)	04/24/23	99.49	8.56	90.93
	07/03/23		5.21	94.28
	10/16/23		3.18	96.31
	01/09/24		6.37	93.12
	04/04/24		7.99	91.50
MW-04 (40.343824 / -104.672782)	04/24/23	99.92	9.02	90.90
	07/03/23		5.64	94.28
	10/16/23		3.67	96.25
	01/09/24		6.81	93.11
	04/04/24		8.42	91.50
MW-05 (40.343778 / -104.672829)	04/24/23	99.81	8.86	90.95
	07/03/23		5.49	94.32
	10/16/23		3.47	96.34
	01/09/24		6.65	93.16
	04/04/24		8.27	91.54
MW-06 (40.343802 / -104.672900)	04/24/23	99.93	8.95	90.98
	07/03/23		5.51	94.42
	10/16/23		3.56	96.37
	01/09/24		6.74	93.19
	04/04/24		8.36	91.57

TABLE 3
GROUNDWATER ELEVATION SUMMARY
WALKER T4N-R65W-S4 TANK BATTERY
HISTORICAL RELEASE
40.343584 / -104.672859
SE1/4 NW1/4 SEC.4 T4N R65W 6PM
WELD COUNTY, COLORADO
LOCATION ID 306446
REMEDIATION # 21615

Sample Location (Latitude/Longitude)	Date	TOC Elevation (feet)	Depth to Groundwater from TOC (feet)	Relative Groundwater Elevation (feet)
MW-07 (40.34394 / -104.672819)	10/16/23		3.70	NM
	01/09/24		6.82	NM
	04/04/24		8.42	NM
MW-08 (40.343901 / -104.672719)	10/16/23		3.45	NM
	01/09/24		6.64	NM
	04/04/24		8.23	NM
NOTES: TOC - top of casing NM - Not Measured				



ATTACHMENT A

Laboratory Analytical Reports (2Q24)



April 18, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Walker T4N-R65W-S4 Tank Battery **Project Number - [none]**

Attached are your analytical results for Noble - Walker T4N-R65W-S4 Tank Battery received by Origins Laboratory, Inc. April 04, 2024. This project is associated with Origins project number Y404145-01.

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

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

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

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

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

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



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

Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Andrew Newberry

Project Number: [none]

Project: Noble - Walker T4N-R65W-S4 Tank
Battery

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01	Y404145-01	Water	April 4, 2024 11:38	04/04/2024 15:31
MW-02	Y404145-02	Water	April 4, 2024 11:30	04/04/2024 15:31
MW-03	Y404145-03	Water	April 4, 2024 11:46	04/04/2024 15:31
MW-04	Y404145-04	Water	April 4, 2024 11:19	04/04/2024 15:31
MW-05	Y404145-05	Water	April 4, 2024 11:56	04/04/2024 15:31
MW-06	Y404145-06	Water	April 4, 2024 12:03	04/04/2024 15:31
MW-07	Y404145-07	Water	April 4, 2024 11:04	04/04/2024 15:31
MW-08	Y404145-08	Water	April 4, 2024 11:12	04/04/2024 15:31

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

www.originslaboratory.com

page 1 of 1

4404145

Project Manager: Andrew Newberry
Project Name: Walker T4N-R65W-S4 Tank Battery
Project Number:
Samples Collected By: ZM

Client: Eagle Environmental Consulting
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: 303.433.0479
Email Address: anewberry@eagle-environment.com

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	4/4/24	1138	1	X				X			XY	1
MW-02		1130										2
MW-03		1146										3
MW-04		1119										4
MW-05		1156										5
MW-06		1203										6
MW-07		1104										7
MW-08		1112										8
												9
												10

Relinquished By: [Signature]
Relinquished By: [Signature]

Date: 4/4/24
Time: 1531

Received By: [Signature]
Received By: [Signature]

Date: 4/12/24
Time: 1531

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

Temp Received: S.D
Date Results Needed: Noble

* Bill to Dan

Origins Laboratory, Inc.

J. Bynon

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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: Y404145 Client: Eagle
Client Project ID: Walker T4N-R65W-S4

Checklist Completed by: EHS Shipped Via: LD
Date/time completed: 4/14/12 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: _____
Cooler Number/Temperature: 1 150 °C 1 °C 1 °C (Describe) _____ °C
Thermometer ID: T004

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

4/18/12
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: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-01

4/4/2024 11:38:00AM

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

Origins Laboratory, Inc. Y404145-01 (Water)

Anions by IC 300.0

Chloride	124	31.2	mg/L	125	B4D0925	DLT	04/09/2024	04/11/2024	
Sulfate	397	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	1090	5.00	"	1	B4D0522	KRM	04/05/2024	04/08/2024	
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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: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-02

4/4/2024 11:30:00AM

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

Origins Laboratory, Inc. Y404145-02 (Water)

Anions by IC 300.0

Chloride	117	31.2	mg/L	125	B4D0925	DLT	04/09/2024	04/11/2024	
Sulfate	393	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	1090	5.00	"	1	B4D0522	KRM	04/05/2024	04/08/2024	
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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: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-03

4/4/2024 11:46:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404145-03 (Water)

Anions by IC 300.0

Chloride	89.8	31.2	mg/L	125	B4D0925	DLT	04/09/2024	04/11/2024	
Sulfate	232	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	696	5.00	"	1	B4D0522	KRM	04/05/2024	04/08/2024	
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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: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-04

4/4/2024 11:19:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404145-04 (Water)

Anions by IC 300.0

Chloride	119	31.2	mg/L	125	B4D0925	DLT	04/09/2024	04/11/2024	
Sulfate	386	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	1140	5.00	"	1	B4D0522	KRM	04/05/2024	04/08/2024	
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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: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-05

4/4/2024 11:56:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404145-05 (Water)

Anions by IC 300.0

Chloride	115	31.2	mg/L	125	B4D0925	DLT	04/09/2024	04/11/2024	
Sulfate	378	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	1040	5.00	"	1	B4D0522	KRM	04/05/2024	04/08/2024	
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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: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-06

4/4/2024 12:03:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404145-06 (Water)

Anions by IC 300.0

Chloride	116	31.2	mg/L	125	B4D0925	DLT	04/09/2024	04/11/2024	
Sulfate	377	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	1000	5.00	"	1	B4D0813	VK	04/08/2024	04/11/2024	
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Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-07

4/4/2024 11:04:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404145-07 (Water)

Anions by IC 300.0

Chloride	131	31.2	mg/L	125	B4D0925	DLT	04/09/2024	04/11/2024	
Sulfate	427	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	1210	5.00	"	1	B4D0813	VK	04/08/2024	04/11/2024	
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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: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-08

4/4/2024 11:12:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404145-08 (Water)

Anions by IC 300.0

Chloride	142	31.2	mg/L	125	B4D0925	DLT	04/09/2024	04/11/2024	
Sulfate	459	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	1390	5.00	"	1	B4D0813	VK	04/08/2024	04/11/2024	
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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: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

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 B4D0522 - NO PREP										
Blank (B4D0522-BLK1)					Prepared: 04/05/2024 Analyzed: 04/08/2024					
Total Dissolved Solids	ND	5.00	mg/L							
LCS (B4D0522-BS1)					Prepared: 04/05/2024 Analyzed: 04/08/2024					
Total Dissolved Solids	1070	5.00	mg/L	1040		103	90-110			
Duplicate (B4D0522-DUP1)					Source: Y404130-06 Prepared: 04/05/2024 Analyzed: 04/08/2024					
Total Dissolved Solids	4520	5.00	mg/L		4120			9.44	10	
Batch B4D0813 - NO PREP										
Blank (B4D0813-BLK1)					Prepared: 04/08/2024 Analyzed: 04/11/2024					
Total Dissolved Solids	ND	5.00	mg/L							
LCS (B4D0813-BS1)					Prepared: 04/08/2024 Analyzed: 04/11/2024					
Total Dissolved Solids	1040	5.00	mg/L	1040		99.8	90-110			
Duplicate (B4D0813-DUP1)					Source: Y404145-06 Prepared: 04/08/2024 Analyzed: 04/11/2024					
Total Dissolved Solids	1000	5.00	mg/L		1000			0.00	10	
Batch B4D0925 - Filter .45um non acidified										
Blank (B4D0925-BLK1)					Prepared: 04/09/2024 Analyzed: 04/11/2024					
Chloride	ND	0.250	mg/L							
Sulfate	ND	0.250	"							
LCS (B4D0925-BS1)					Prepared: 04/09/2024 Analyzed: 04/11/2024					
Chloride	4.26	0.250	mg/L	4.00		107	90-110			
Sulfate	4.14	0.250	"	4.00		104	90-110			

Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

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 B4D0925 - Filter .45um non acidified										
Matrix Spike (B4D0925-MS1)		Source: Y404148-04			Prepared: 04/09/2024 Analyzed: 04/11/2024					
Chloride	770		mg/L	500	317	90.6	90-110			
Sulfate	1220		"	500	836	76.9	90-110			QM-07
Matrix Spike Dup (B4D0925-MSD1)		Source: Y404148-04			Prepared: 04/09/2024 Analyzed: 04/11/2024					
Chloride	778		mg/L	500	317	92.3	90-110	1.08	5	
Sulfate	1230		"	500	836	78.9	90-110	0.804	5	QM-07

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Andrew Newberry

Project Number: [none]

Project: Noble - Walker T4N-R65W-S4 Tank
Battery

Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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



April 18, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Walker T4N-R65W-S4 Tank Battery **Project Number - [none]**

Attached are your analytical results for Noble - Walker T4N-R65W-S4 Tank Battery received by Origins Laboratory, Inc. April 04, 2024. This project is associated with Origins project number Y404146-01.

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

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

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

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

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

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



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

Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Andrew Newberry

Project Number: [none]

Project: Noble - Walker T4N-R65W-S4 Tank
Battery

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01	Y404146-01	Water	April 4, 2024 11:38	04/04/2024 15:31
MW-02	Y404146-02	Water	April 4, 2024 11:30	04/04/2024 15:31
MW-03	Y404146-03	Water	April 4, 2024 11:46	04/04/2024 15:31
MW-04	Y404146-04	Water	April 4, 2024 11:19	04/04/2024 15:31
MW-05	Y404146-05	Water	April 4, 2024 11:56	04/04/2024 15:31
MW-06	Y404146-06	Water	April 4, 2024 12:03	04/04/2024 15:31
MW-07	Y404146-07	Water	April 4, 2024 11:04	04/04/2024 15:31
MW-08	Y404146-08	Water	April 4, 2024 11:12	04/04/2024 15:31

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

ORIGINS

LABORATORY, INC

www.originslaboratory.com

4404146

page 1 of 1

Client: Eagle Environmental Consulting
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: 303 433 6479
Email Address: anewberry@eagle-enviro.com

Project Manager: Andrew Newberry
Project Name: Walker T4N-R65W-S4 Tank Battery
Project Number:
Samples Collected By: ZM

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #			Other
MN-01	4/4/24	1138	3	X				X					1
MN-02		1130											2
MN-03		1146											3
MN-04		1119											4
MN-05		1156											5
MN-06		1203											6
MN-07		1104											7
MN-08		1112											8
													9
													10

Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Turnaround Time:
John [Signature]	4/4/24	1531	EAS	4/4/24	1531	Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input checked="" type="checkbox"/>

Date Results Needed: Noble

Temp Received: 5.6

Bill to Dan

Origins Laboratory, Inc.

J. Bynon

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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

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

Sample Receipt Checklist

Origins Work Order: 1404140 Client: Eagle
Client Project ID: Walker T4N...

Checklist Completed by: EHS Shipped Via: HD
Date/time completed: 4/4/24 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
Airbill #: N/A

Matrix(s) Received: (Check all that apply): 0 Soil/Solid 0 Water 0 Other: 0
Cooler Number/Temperature: 115 °C 1 °C 1 °C (Describe) 1 °C
Thermometer ID: 1004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
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 ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<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 ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	<input checked="" type="checkbox"/>			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] Date/Time Reviewed 4/18/24

Origins Laboratory, Inc.

J. Bynon

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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-01

4/4/2024 11:38:00AM

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

Origins Laboratory, Inc. Y404146-01 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4D0468	JSM	04/04/2024	04/09/2024	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	121 %	70-130	"	"	"
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	94.9 %	70-130	"	"	"

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-02

4/4/2024 11:30:00AM

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

Origins Laboratory, Inc. Y404146-02 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4D0468	JSM	04/04/2024	04/09/2024	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	124 %	70-130	"	"	"
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	93.8 %	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: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-03

4/4/2024 11:46:00AM

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

Origins Laboratory, Inc. Y404146-03 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	30.7	2.00	ug/L	1	B4D0468	JSM	04/04/2024	04/09/2024	
1,3,5-Trimethylbenzene	2.47	2.00	"	"	"	JSM	"	"	
Benzene	27.0	1.00	"	"	"	JSM	"	"	
Ethylbenzene	32.7	1.00	"	"	"	JSM	"	"	
Naphthalene	ND	2.00	"	"	"	JSM	"	"	U
Toluene	ND	1.00	"	"	"	JSM	"	"	U
Xylenes, total	335	1.00	"	"	"	JSM	"	"	

Surrogate: 1,2-Dichloroethane-d4	120 %	70-130	"	"	"
Surrogate: Toluene-d8	101 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	94.9 %	70-130	"	"	"

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-04

4/4/2024 11:19:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404146-04 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4D0468	JSM	04/04/2024	04/09/2024	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	123 %	70-130	"	"	"
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	96.1 %	70-130	"	"	"

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-05

4/4/2024 11:56:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404146-05 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4D0468	HK	04/04/2024	04/10/2024	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	106 %	70-130	"	"	"
Surrogate: Toluene-d8	90.0 %	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: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-06

4/4/2024 12:03:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404146-06 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4D0468	HK	04/04/2024	04/10/2024	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
Surrogate: Toluene-d8
Surrogate: 4-Bromofluorobenzene

106 % 70-130 " " "
87.9 % 70-130 " " "
94.9 % 70-130 " " "

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank
Battery

MW-07

4/4/2024 11:04:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404146-07 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4D0468	HK	04/04/2024	04/10/2024	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	88.8 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	96.2 %	70-130	"	"	"

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-08

4/4/2024 11:12:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404146-08 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	2.00	ug/L	1	B4D0468	HK	04/04/2024	04/10/2024	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	89.4 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	94.9 %	70-130	"	"	"

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank
Battery

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 B4D0468 - EPA 5030B (Water)										
Blank (B4D0468-BLK1)					Prepared: 04/04/2024 Analyzed: 04/08/2024					
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	74		"	62.5		118	70-130			
Surrogate: Toluene-d8	65		"	62.5		104	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.0	70-130			

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank
Battery

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 B4D0468 - EPA 5030B (Water)										
LCS (B4D0468-BS1)					Prepared: 04/04/2024 Analyzed: 04/08/2024					
1,2,4-Trimethylbenzene	57.0	2.00	ug/L	50.0		114	70-130			
1,3,5-Trimethylbenzene	55.6	2.00	"	50.0		111	70-130			
Benzene	52.2	1.00	"	50.0		104	70-130			
Ethylbenzene	54.5	1.00	"	50.0		109	70-130			
m,p-Xylene	104	2.00	"	100		104	70-130			
Naphthalene	52.0	2.00	"	50.0		104	70-130			
o-Xylene	53.2	1.00	"	50.0		106	70-130			
Toluene	58.3	1.00	"	50.0		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	73		"	62.5		117	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	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: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

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 B4D0468 - EPA 5030B (Water)

Matrix Spike (B4D0468-MS1)		Source: Y404140-01			Prepared: 04/04/2024 Analyzed: 04/08/2024					
1,2,4-Trimethylbenzene	329	2.00	ug/L	50.0	490	NR	70-130			QM-07
1,3,5-Trimethylbenzene	56.5	2.00	"	50.0	33.8	45.5	70-130			QM-07
Benzene	50.8	1.00	"	50.0	0.140	101	70-130			
Ethylbenzene	144	1.00	"	50.0	82.6	122	70-130			
m,p-Xylene	275	2.00	"	100	168	107	70-130			
Naphthalene	47.5	2.00	"	50.0	3.14	88.7	70-130			
o-Xylene	61.6	1.00	"	50.0	0.500	122	70-130			
Toluene	58.8	1.00	"	50.0	ND	118	70-130			
Surrogate: 1,2-Dichloroethane-d4	67		"	62.5		107	70-130			
Surrogate: Toluene-d8	64		"	62.5		103	70-130			
Surrogate: 4-Bromofluorobenzene	67		"	62.5		108	70-130			

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

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 B4D0468 - EPA 5030B (Water)

Matrix Spike Dup (B4D0468-MSD1)		Source: Y404140-01			Prepared: 04/04/2024 Analyzed: 04/08/2024					
1,2,4-Trimethylbenzene	346	2.00	ug/L	50.0	490	NR	70-130	4.96	20	QM-07
1,3,5-Trimethylbenzene	61.0	2.00	"	50.0	33.8	54.4	70-130	7.58	20	QM-07
Benzene	58.2	1.00	"	50.0	0.140	116	70-130	13.6	20	
Ethylbenzene	150	1.00	"	50.0	82.6	134	70-130	4.10	20	QM-07
m,p-Xylene	289	2.00	"	100	168	121	70-130	4.80	20	
Naphthalene	62.3	2.00	"	50.0	3.14	118	70-130	27.0	20	QR-02
o-Xylene	67.9	1.00	"	50.0	0.500	135	70-130	9.75	20	QM-07
Toluene	65.3	1.00	"	50.0	ND	131	70-130	10.6	20	QM-07
Surrogate: 1,2-Dichloroethane-d4	71		"	62.5		113	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	68		"	62.5		108	70-130			

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank
Battery

Notes and Definitions

U Sample is Non-Detect.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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



April 18, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Walker T4N-R65W-S4 Tank Battery **Project Number - [none]**

Attached are your analytical results for Noble - Walker T4N-R65W-S4 Tank Battery received by Origins Laboratory, Inc. April 04, 2024. This project is associated with Origins project number Y404147-01.

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

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

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

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

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

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



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

Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Andrew Newberry

Project Number: [none]

Project: Noble - Walker T4N-R65W-S4 Tank
Battery

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01	Y404147-01	Water	April 4, 2024 11:38	04/04/2024 15:31
MW-02	Y404147-02	Water	April 4, 2024 11:30	04/04/2024 15:31
MW-03	Y404147-03	Water	April 4, 2024 11:46	04/04/2024 15:31
MW-04	Y404147-04	Water	April 4, 2024 11:19	04/04/2024 15:31
MW-05	Y404147-05	Water	April 4, 2024 11:56	04/04/2024 15:31
MW-06	Y404147-06	Water	April 4, 2024 12:03	04/04/2024 15:31
MW-07	Y404147-07	Water	April 4, 2024 11:04	04/04/2024 15:31
MW-08	Y404147-08	Water	April 4, 2024 11:12	04/04/2024 15:31

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

www.originslaboratory.com

page 1 of 1

4400147

ORIGINS LABORATORY, INC

Client: Eagle Environmental Consulting
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: 303.433.0179
Email Address: andrewnewberry@eagle-env.com

Project Manager: Andrew Newberry
Project Name: Walker T4N-R65W-S4 Tank Battery
Project Number:
Samples Collected By: ZM

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summary		
MW-01	4/14/24	1138	3		X			X				1
MW-02		1130										2
MW-03		1146										3
MW-04		1119										4
MW-05		1156										5
MW-06		1203										6
MW-07		1104										7
MW-08		1112										8
												9
												10

Relinquished By: [Signature] Date: 4/14/24 Time: 1531
Relinquished By: [Signature] Date: 4/14/24 Time: 1531

Received By: [Signature] Date: 4/14/24 Time: 1531
Received By: [Signature] Date: 4/14/24 Time: 1531

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

Temp Received: 5.0
Date Results Needed: Noble

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

Origins Laboratory, Inc.

J. Bynon

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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4404147

Client: Eagle

Client Project ID: Walker T4N...

Checklist Completed by: ELH

Shipped Via: HO

Date/time completed: 4/14/24

(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) 1 °C

Thermometer ID: 1004

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

4/18/24
Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-01

4/4/2024 11:38:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404147-01 (Water)

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.200	ug/L	1	B4D0921	agile	04/09/2024	04/11/2024	U
2-Methylnaphthalene	ND	0.200	"	"	"	agile	"	"	U

Surrogate: Fluorene-d10	98.9 %	60-130			"	"	"
Surrogate: Anthracene-d10	96.7 %	60-130			"	"	"
Surrogate: Benzo (a) pyrene-d12	100 %	60-130			"	"	"
Surrogate: Pyrene-d10	98.2 %	60-130			"	"	"

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-02

4/4/2024 11:30:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404147-02 (Water)

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.200	ug/L	1	B4D0921	agile	04/09/2024	04/11/2024	U
2-Methylnaphthalene	ND	0.200	"	"	"	agile	"	"	U

Surrogate: Fluorene-d10	101 %	60-130			"	"	"
Surrogate: Anthracene-d10	94.8 %	60-130			"	"	"
Surrogate: Benzo (a) pyrene-d12	102 %	60-130			"	"	"
Surrogate: Pyrene-d10	101 %	60-130			"	"	"

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank
Battery

MW-03

4/4/2024 11:46:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404147-03 (Water)

PAH by EPA 8270E

1-Methylnaphthalene	0.281	0.200	ug/L	1	B4D0921	agile	04/09/2024	04/11/2024
2-Methylnaphthalene	0.475	0.200	"	"	"	agile	"	"

Surrogate: Fluorene-d10	101 %	60-130			"	"	"
Surrogate: Anthracene-d10	98.6 %	60-130			"	"	"
Surrogate: Benzo (a) pyrene-d12	102 %	60-130			"	"	"
Surrogate: Pyrene-d10	99.4 %	60-130			"	"	"

Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-04

4/4/2024 11:19:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404147-04 (Water)

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.200	ug/L	1	B4D0921	agile	04/09/2024	04/11/2024	U
2-Methylnaphthalene	ND	0.200	"	"	"	agile	"	"	U

Surrogate: Fluorene-d10	99.9 %	60-130			"	"	"
Surrogate: Anthracene-d10	91.6 %	60-130			"	"	"
Surrogate: Benzo (a) pyrene-d12	102 %	60-130			"	"	"
Surrogate: Pyrene-d10	100 %	60-130			"	"	"

Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-05

4/4/2024 11:56:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404147-05 (Water)

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.200	ug/L	1	B4D0921	agile	04/09/2024	04/11/2024	U
2-Methylnaphthalene	ND	0.200	"	"	"	agile	"	"	U

Surrogate: Fluorene-d10	101 %	60-130			"	"	"
Surrogate: Anthracene-d10	93.4 %	60-130			"	"	"
Surrogate: Benzo (a) pyrene-d12	104 %	60-130			"	"	"
Surrogate: Pyrene-d10	99.3 %	60-130			"	"	"

Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-06

4/4/2024 12:03:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404147-06 (Water)

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.200	ug/L	1	B4D0921	agile	04/09/2024	04/11/2024	U
2-Methylnaphthalene	ND	0.200	"	"	"	agile	"	"	U

Surrogate: Fluorene-d10	100 %	60-130			"	"	"
Surrogate: Anthracene-d10	93.0 %	60-130			"	"	"
Surrogate: Benzo (a) pyrene-d12	110 %	60-130			"	"	"
Surrogate: Pyrene-d10	101 %	60-130			"	"	"

Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-07

4/4/2024 11:04:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404147-07 (Water)

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.200	ug/L	1	B4D0921	agile	04/09/2024	04/12/2024	U
2-Methylnaphthalene	ND	0.200	"	"	"	agile	"	"	U

Surrogate: Fluorene-d10	100 %	60-130			"	"	"
Surrogate: Anthracene-d10	99.5 %	60-130			"	"	"
Surrogate: Benzo (a) pyrene-d12	105 %	60-130			"	"	"
Surrogate: Pyrene-d10	97.5 %	60-130			"	"	"

Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

MW-08

4/4/2024 11:12:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y404147-08 (Water)

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.200	ug/L	1	B4D0921	agile	04/09/2024	04/11/2024	U
2-Methylnaphthalene	ND	0.200	"	"	"	agile	"	"	U

Surrogate: Fluorene-d10	100 %	60-130			"	"	"
Surrogate: Anthracene-d10	93.7 %	60-130			"	"	"
Surrogate: Benzo (a) pyrene-d12	102 %	60-130			"	"	"
Surrogate: Pyrene-d10	101 %	60-130			"	"	"

Origins Laboratory, Inc.



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

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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank
Battery

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4D0921 - EPA 3510C_MS

Blank (B4D0921-BLK1)

Prepared: 04/09/2024 Analyzed: 04/11/2024

1-Methylnaphthalene	ND	0.200	ug/L							U
2-Methylnaphthalene	ND	0.200	"							U
Acenaphthene	ND	2.00	"							U
Anthracene	ND	2.00	"							U
Benzo (a) anthracene	ND	0.500	"							U
Benzo (a) pyrene	ND	2.00	"							U
Benzo (b) fluoranthene	ND	2.00	"							U
Benzo (g,h,i) perylene	ND	2.00	"							U
Benzo (k) fluoranthene	ND	2.00	"							U
Chrysene	ND	2.00	"							U
Dibenz (a,h) anthracene	ND	2.00	"							U
Fluoranthene	ND	2.00	"							U
Fluorene	ND	2.00	"							U
Indeno (1,2,3-cd) pyrene	ND	2.00	"							U
Naphthalene	ND	0.200	"							U
Phenanthrene	ND	2.00	"							U
Pyrene	ND	2.00	"							U
Surrogate: Fluorene-d10	200		"	200		99.4	60-130			
Surrogate: Anthracene-d10	200		"	200		99.7	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130			
Surrogate: Pyrene-d10	200		"	200		99.7	60-130			

LCS (B4D0921-BS1)

Prepared: 04/09/2024 Analyzed: 04/11/2024

1-Methylnaphthalene	18.7	0.200	ug/L	20.0		93.4	70-130			
2-Methylnaphthalene	18.0	0.200	"	20.0		90.1	70-130			
Acenaphthene	18.1	2.00	"	20.0		90.5	70-130			
Anthracene	18.4	2.00	"	20.0		92.0	70-130			

Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank Battery

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4D0921 - EPA 3510C_MS

LCS (B4D0921-BS1)

Prepared: 04/09/2024 Analyzed: 04/11/2024

Benzo (a) anthracene	18.0	0.500	ug/L	20.0		90.2	70-130			
Benzo (a) pyrene	19.2	2.00	"	20.0		96.0	70-130			
Benzo (b) fluoranthene	18.3	2.00	"	20.0		91.5	70-130			
Benzo (g,h,i) perylene	19.2	2.00	"	20.0		96.0	70-130			
Benzo (k) fluoranthene	18.1	2.00	"	20.0		90.4	70-130			
Chrysene	18.9	2.00	"	20.0		94.3	70-130			
Dibenz (a,h) anthracene	19.0	2.00	"	20.0		94.8	70-130			
Fluoranthene	18.3	2.00	"	20.0		91.7	70-130			
Fluorene	18.6	2.00	"	20.0		93.0	70-130			
Indeno (1,2,3-cd) pyrene	17.8	2.00	"	20.0		89.2	70-130			
Naphthalene	18.9	0.200	"	20.0		94.4	70-130			
Phenanthrene	18.8	2.00	"	20.0		94.2	70-130			
Pyrene	18.6	2.00	"	20.0		93.0	70-130			
Surrogate: Fluorene-d10	200		"	200		101	60-130			
Surrogate: Anthracene-d10	200		"	200		100	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.6	60-130			
Surrogate: Pyrene-d10	200		"	200		99.5	60-130			

LCS Dup (B4D0921-BSD1)

Prepared: 04/09/2024 Analyzed: 04/11/2024

1-Methylnaphthalene	18.7	0.200	ug/L	20.0		93.7	70-130	0.318	20	
2-Methylnaphthalene	18.8	0.200	"	20.0		94.0	70-130	4.29	20	
Acenaphthene	18.4	2.00	"	20.0		91.8	70-130	1.37	20	
Anthracene	18.2	2.00	"	20.0		91.0	70-130	1.11	20	
Benzo (a) anthracene	18.1	0.500	"	20.0		90.6	70-130	0.464	20	
Benzo (a) pyrene	19.2	2.00	"	20.0		96.0	70-130	0.00974	20	
Benzo (b) fluoranthene	17.9	2.00	"	20.0		89.5	70-130	2.29	20	
Benzo (g,h,i) perylene	19.0	2.00	"	20.0		94.8	70-130	1.25	20	

Origins Laboratory, Inc.



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

Andrew Newberry
Project Number: [none]
Project: Noble - Walker T4N-R65W-S4 Tank
Battery

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4D0921 - EPA 3510C_MS										
LCS Dup (B4D0921-BSD1)					Prepared: 04/09/2024 Analyzed: 04/11/2024					
Benzo (k) fluoranthene	17.6	2.00	ug/L	20.0		88.0	70-130	2.71	20	
Chrysene	18.9	2.00	"	20.0		94.5	70-130	0.240	20	
Dibenz (a,h) anthracene	18.8	2.00	"	20.0		94.1	70-130	0.704	20	
Fluoranthene	18.4	2.00	"	20.0		92.2	70-130	0.559	20	
Fluorene	18.7	2.00	"	20.0		93.5	70-130	0.557	20	
Indeno (1,2,3-cd) pyrene	18.0	2.00	"	20.0		90.2	70-130	1.13	20	
Naphthalene	18.9	0.200	"	20.0		94.6	70-130	0.170	20	
Phenanthrene	18.7	2.00	"	20.0		93.4	70-130	0.906	20	
Pyrene	18.8	2.00	"	20.0		94.1	70-130	1.20	20	
Surrogate: Fluorene-d10	200		"	200		99.7	60-130			
Surrogate: Anthracene-d10	190		"	200		95.6	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			
Surrogate: Pyrene-d10	200		"	200		100	60-130			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Andrew Newberry

Project Number: [none]

Project: Noble - Walker T4N-R65W-S4 Tank
Battery

Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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accordance with the chain of custody document. This
analytical report must be reproduced in its entirety.*