

Maudlin Gulch Remediation System
20th Quarterly Report of Operations
For the Period From
May 1st, 2025 to July 31st, 2025

1.0 Introduction

This report provides the nineteenth quarterly report of operations and monitoring of the Maudlin Gulch remediation system. This report is for the period from May 1st, 2025 to July 31st, 2025.

The remediation system was constructed during July and August 2020. A location map and a site map are attached.

The remediation system began operations on August 26th, 2020.

The SVE and air sparge systems operated during the quarter discussed in this report.

Work completed during this quarter included:

- All of the monitoring wells were gauged for depth to water and depth to product on July 29th, 2025. The results are discussed below and the data is included in this report.
- All of the monitoring wells were sampled on July 29th, 2025. The sampled groundwater was analyzed for Benzene, Toluene, Ethylbenzene and Xylenes (m+p & o & Total), Naphthalene, 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene. The results are discussed below and the analytical data is attached to this report.
- An air sample was collected from the SVE exhaust stack for analysis on July 29th, 2025. The results are discussed below and the analytical data and a analytical summary table is included with this report.
- The remediation system was monitored. The results are discussed below and the data is attached.

2.0 Discussion

2.1 Gauging

The wells were gauged for depth to water and depth to product (if present) on July 28th, 2025 from top of the PVC casing (TOC) using an oil-water interface probe. The gauging data is attached to this report.

During the October, 2024 gauging as previously reported to the ECMC, floating hydrocarbon product was discovered at MW-1. This was the first floating hydrocarbon product present at the location since a layer of floating product was last present at MW-7 in September 2020. Until October, 2024, floating product had been absent for this remediation project since October, 2020. The product formerly present at MW-7 and the product present at MW-1 do not appear to be related as they are separated by distance and the dates when they were/are present in the monitoring wells. The presence of the floating product at MW-1 was reported to the ECMC and described in more detail in a Form 27s subsequently submitted with a report of the floating product (see document #403988486). During the April gauging, product was not present at MW-1 or any of the other monitoring wells.

During the July monitoring, a thin (approximately 0.05 feet) layer of floating product was again present on the groundwater at the MW-1 monitoring well. Visually, this product appears to be the same type of hydrocarbon that was reported to the ECMC in October, 2024 and was present MW-1 during the October and January gauging events, but absent during the April, 2025 gauging event. ECMC was notified of the product via an email sent to Kris Neidel on July 28th, 2025.

The product has been bailed from the well and an oil absorbent sock placed into the well.

A potentiometric surface map that was created based on the July, 2025 gauging data is attached. The groundwater elevation drops 14.71 feet from MW-12 on the extreme south side of the site to MW-5 on the extreme north side of the site. Groundwater elevations decreased at all the monitoring wells from April, 2025 to July, 2025. The increases ranged between 2.51 feet (MW-5) and 8.19 feet (MW-6).

2.2 Applied Vacuums at Monitoring Wells

The vacuum data for the monitoring wells and SVE wells is attached. On July 28th, 2025, vacuum was present at all monitoring wells except #3, #4, and #12. Pressure (from sparging) was not present at any of the monitoring wells. On July 28th, 2025, vacuums at the monitoring wells ranged from 0.0 inches to 0.5 inches of water. A vacuum data summary table is attached.

2.3 Sparging

The sparge system began operation shortly after the SVE system. The sparge system consists of eleven sparge wells as discussed in the remediation plan. The sparge wells are separated into three sections, with sparge wells 1-4 operating in zone 1, 5-8 in zone 2 and 9-11 in zone 3. The sparge system operated through October 25th, 2021, then in accordance with COGCC approval, the sparge system was shut off during the October 2021 monitoring work.

The sparge system was restarted on May 24th, 2023. The purpose of the sparge system restart is not for groundwater remediation, but to introduce air into the soils to aid in soil remediation. The April 16th, 2025 SVE and sparge data is attached. The sparge system is currently operating by daily alternating between sparge wells 1,3 & 4 in zone 1 and sparge wells 9, 10 & 11 in zone 3. During the July monitoring, the sparge system was not operating due to an electrical fault. It was subsequently repaired and was operating during the August and September monitoring. A sparge data summary table is attached.

2.4 Groundwater Analysis

The groundwater analysis results are attached. The samples were analyzed for Benzene, Toluene, Ethylbenzene, Xylenes, Naphthalene, 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene.

At MW-1, Ethylbenzene (16 ug/l), Xylene (49 ppb), 1,2,4-Trimethylbenzene (14 ug/l), and 1,3,5-Trimethylbenzene (5.6 ug/l) were present, likely because of the floating product present at the well. Benzene, Toluene and Naphthalene concentrations were below laboratory detection limits at this well.

The laboratory results indicate that the concentrations were below laboratory reporting limits at all the other monitoring wells for all tested constituents.

A groundwater analysis summary table is attached.

2.5 SVE Stack Analysis

On July 29th, 2025, Wesco collected an SVE stack exhaust gas analysis. The SVE exhaust was also monitored using a PID. The PID data is summarized on the attached table. In accordance with the approved remediation plan, the sample was analyzed for BTEX and TVPH and Hexane. The results of the analysis were submitted to our consultant to determine the quantity of hydrocarbons removed. The attached spreadsheet indicates that from system start-up through July 29th, 2025, approximately 8,800 pounds of TVPH had been removed by the SVE system. BTEX and TVPH and Hexane were present at low concentrations in the July 29th, 2025 SVE exhaust stack sample analysis indicating these constituents continue to be removed from the soil by the SVE system. Additional amounts of TPH may have been removed through biodegradation from air sparging and soil vapor extraction.

3.0 Conclusions

The remediation system continues to remove hydrocarbons from the soil and/or groundwater.

4.0 Planned Work

Wesco will continue to operate the remediation system while the monitoring wells are gauged quarterly. If present at any monitoring wells, the floating product will be removed from the well monthly. Wesco will collect the next quarterly SVE exhaust stack sample, gauge all monitoring wells and attempt monitoring well water sample collection in October, 2025 with a monitoring report subsequently submitted to the COGCC.

End of document

Attachments

Location Map

Site Map

Gauging data – July, 2025

Potentiometric surface map – July, 2025 data

Vacuum data summary table

Sparge data summary table

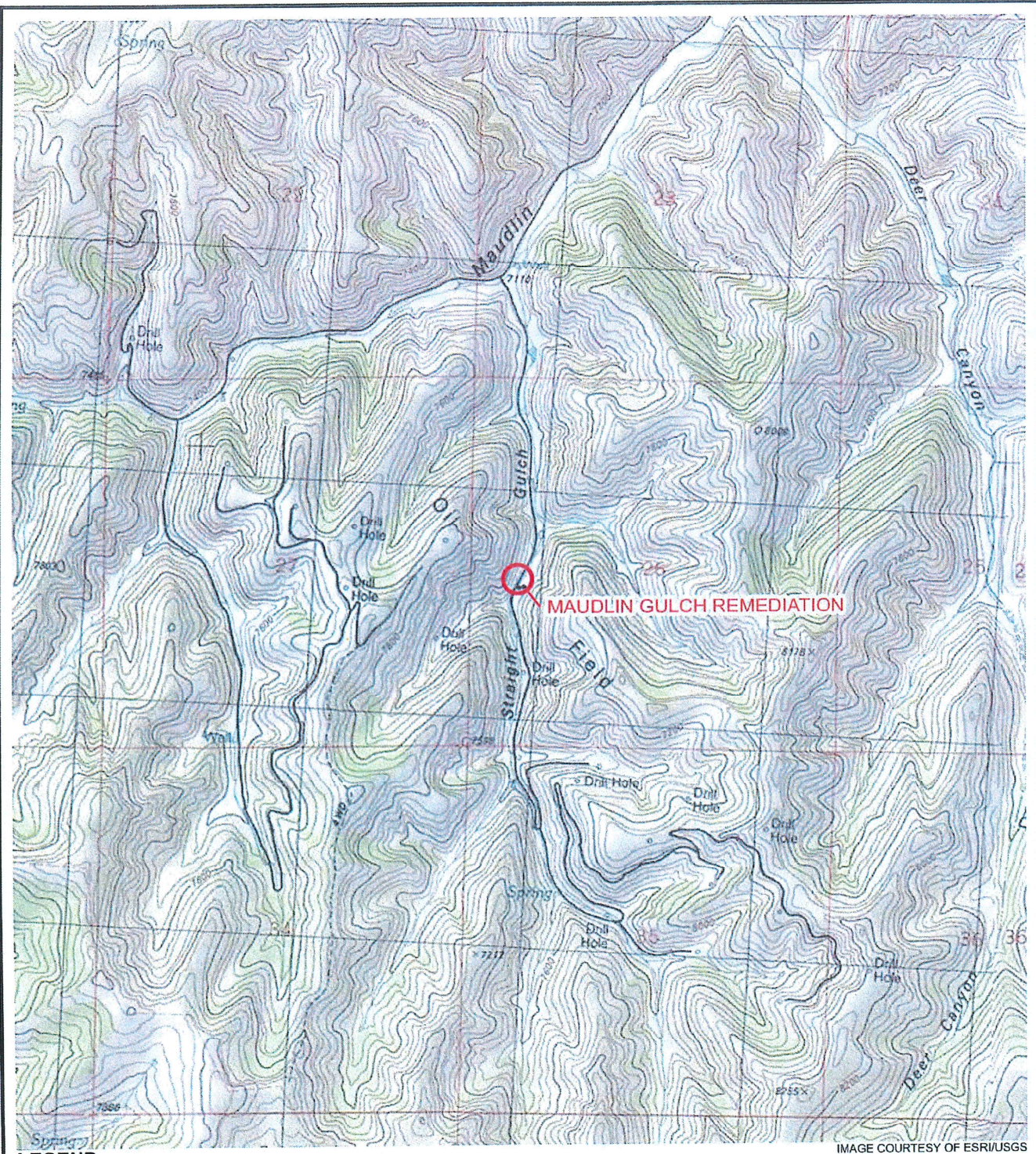
Groundwater Analysis – July, 2025 sample collection

Groundwater analysis summary table

PID summary table

SVE exhaust stack analysis – July, 2025 sample collection

Emissions Estimate Summary tables



LEGEND

 SITE LOCATION

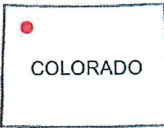
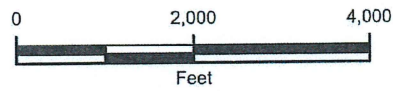
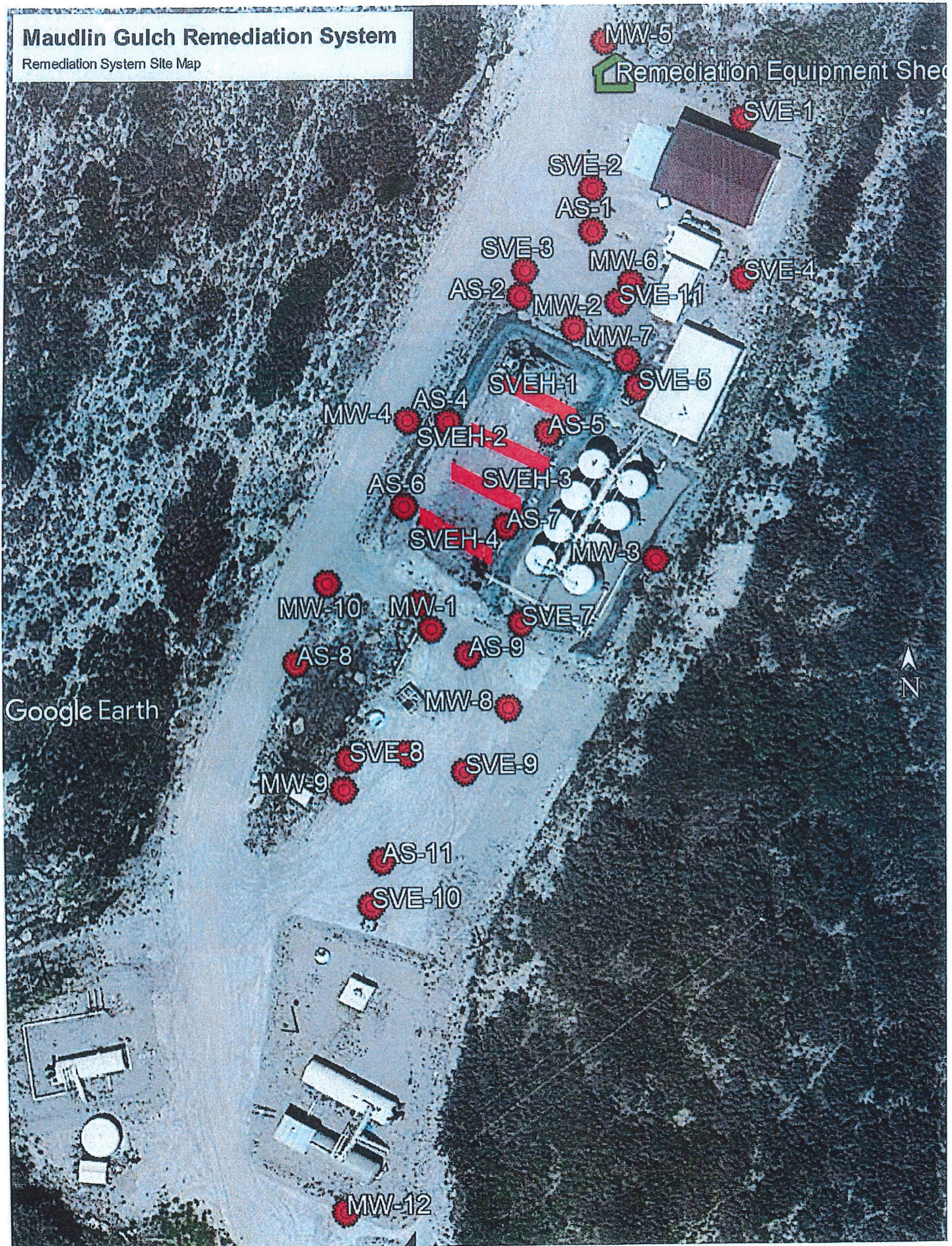


FIGURE 1
SITE LOCATION MAP
MAUDLIN GULCH REMEDIATION
NWSW SEC 26-T4N-R95W
MOFFAT COUNTY, COLORADO
WESCO OPERATING, LLC



Maudlin Gulch Remediation System

Remediation System Site Map



**Maudlin Gulch Remediation System
Monitoring Well Gauging Data**

Data collected July 28th, 2025
 Gauged By: Danny Harshfield
 All units are in feet.

Well #	TOC elevation	Depth to Product below TOC	Depth to Water below TOC	Total depth of well below TOC	Product thickness	*Groundwater elevation
MW-1	102.05	N/A	15.12	22.23	0.00	86.93
MW-2	99.75	N/A	18.41	25.35	0.00	81.34
MW-3	103.92	N/A	9.73	16.95	0.00	94.19
MW-4	100.24	N/A	16.63	23.15	0.00	83.61
MW-5	95.43	N/A	17.31	23.23	0.00	78.12
MW-6	99.52	N/A	18.84	22.64	0.00	80.68
MW-7	99.84	n/a	16.60	23.32	0.00	83.24
MW-8	103.18	N/A	14.15	23.25	0.00	89.03
MW-9	104.00	N/A	15.00	20.05	0.00	89.00
MW-10	101.74	N/A	15.75	24.70	0.00	85.99
MW-12	108.44	N/A	15.61	22.88	0.00	92.83

TOC - top of PVC well casing. Used as the measuring point for elevation survey, depth to water

MW-11 does not exist, planned as a well, but made completed as a boring (AKA SB-2)

N/A - no product present as measured with interface probe

NG - not gauged

Maudlin Gulch Remediation System
Groundwater Surface Map
July 28th 2025

Map based on data collected on July 28th, 2025

Legend

79.00 Groundwater elevation at well on date gauged

N/G - not gauged for depth to groundwater

---91.00--- calculated equipotential line



Maudlin Gulch Remediation System Vaccum Data Summary

Well #	Measurement Date									
	8/27/2020	9/10/2020	10/6/2020	1/14/2021	4/28/2021	7/14-15/2021	10/26/2021	1/27/2022	4/27/2022	7/22/2022
	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water
MW-1	-1.10	-0.9	+1.2	0	+1.9	-0.5	-3.2	-1.9	-0.3	-2.5
MW-2	-1.85	-0.6	-0.4	-0.8	+1.2	-1.4	-1.6	-1.6	-0.6	-2.2
MW-3	NM	NM	0	NM	NM	0	0	0	0	0
MW-4	-0.10	-0.1	-0.1	-0.5	-0.4	-0.7	-0.9	-0.8	-0.2	-0.3
MW-5	-0.20	0	0	-0.1	-0.1	-0.1	0	-0.1	0	-0.2
MW-6	-0.65	-0.7	-0.3	-0.45	-1.5	-0.7	-2.7	-1.6	-0.1	-2.4
MW-7	-0.70	-0.7	-0.3	-0.5	+1.1	-0.7	-2.8	-1.8	-0.2	-2.3
MW-8	-1.90	-1.5	-0.3	0	+1.7	-0.4	-1.1	-0.5	-0.3	-2.4
MW-9	-2.40	-2.7	+1.2	0	+0.5	-1.4	-2	-1.3	-2	-3.6
MW-10	-0.10	-0.1	0	-0.1	+0.3	-0.2	-0.5	-0.3	-0.2	-0.4
MW-12	0.00	0	0	0	0	-0.1	0	0	0	0
SVE-1	-10.00	-1	0	-40	0	-45	-92	-26	-40	0
SVE-2	-18.00	-5	0	-7	-80	-53	-52	-80	-92	-120
SVE-3	-26.00	-50	-40	-46	-79	-48	-92	-80	-90	-115
SVE-4	-25.00	-5	-10	-7	0	-44	-86	0	-30	-108
SVE-5	-128.00	-90	-90	-16	-24	-50	-42	0	-32	-35
SVE-6	-120.00	-120	-95	-8	-30	-90	-32	-46	-45	-150
SVE-7	-22.00	-30	-35	-32	-68	-47	-86	-74	-40	-106
SVE-8	-55.00	-58	-20	-5	0	-50	-90	-75	-80	-110
SVE-9	0.00	0	-75	-32	-10	-37	-52	0	0	>100
SVE-10	0.00	0	>100	-44	-76	-45	-95	-80	-90	>100
SVEH-1	5.00	-13	-7.5	-20	-38	-38	-73	-65	0	0
SVEH-2	-5.00	-15	-10	-30	-52	-46	-64	-62	0	0
SVEH-3	-7.00	-13	-10	-34	-32	-38	-15	-63	0	0
SVEH-4	-5.00	-12	-8.5	-30	-26	-36	-62	-62	0	-5

Well #	7/22/2022	10/11/2022	1/19/2023	4/19/2023	7/19/2023	10/24/2023	1/22/2024	4/9/2024	7/31/2024	10/15/2024
	Vacuum (-) or Pressure (+) inches of water	Vacuum - inches of water	Vacuum - inches of water	Vacuum - inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water
MW-1	-2.5	1.6	2.2	1.8	-0.1	-0.1	0	0	-0.1	-0.2
MW-2	-2.2	1.9	1.7	0.3	-0.1	-0.1	-0.1	-0.3	-0.2	-0.3
MW-3	0	0	0	0	NM	NM	0	0	N/A	0
MW-4	-0.3	0.9	1	0.1	-0.1	0	0	-0.2	-0.2	0
MW-5	-0.2	0.1	0	0	0	0	0	-0.3	-0.1	0
MW-6	-2.4	1	1.6	0.1	0	-0.1	-0.2	-0.4	-0.5	-0.1
MW-7	-2.3	1.2	1.7	2.5	+0.1	-0.2	0	-0.6	-0.4	-0.3
MW-8	-2.4	1	2.1	1.9	0	-0.1	0	-0.1	0	+0.1
MW-9	-3.6	2.5	3.1	2.4	-0.1	-0.1	0	-0.3	-0.1	+0.2
MW-10	-0.4	0.3	0.4	0.2	0	0	0	0	0	0
MW-12	0	0	0	0	0	0	0	-0.1	0	0
SVE-1	0	72	62	70	-10	-62	-10	-10	-85	-55
SVE-2	-120	84	80	78	-10	-50	0	-25	-5	-5
SVE-3	-115	78	38	80	-10	-70	0	-15	-90	-38
SVE-4	-108	72	0	60	-35	-62	-28	> -50	-80	-36
SVE-5	-35	30	34	5	-50	-28	-50+	0	-30	-32
SVE-6	-150	120	110	60	-30	-98	0	0	-120	-64
SVE-7	-106	54	68	70	-40	-62	0	-20	-80	-60
SVE-8	-110	80	68	20	-10	-64	0	0	0	-50
SVE-9	>100	50	48	5	0	-5	>-50	> - 50	-74	-43
SVE-10	>100	84	53	78	0	-68	-20	-10	-85	-57
SVE-11	not installed	not installed	not installed	not installed	not connected to SVE blower	-62	-28	> -50	-80	-36
SVEH-1	0	78	72	5	0	-5	0	0	0	0
SVEH-2	0	71	65	42	0	-32	0	0	0	0
SVEH-3	0	69	65	37	-15	-5	0	0	0	0
SVEH-4	-5	5	62	67	0	-40	0	0	0	0

SVE-11 installed May, 2023

Well #	10/15/2024	1/23/2025	4/16/2025	7/28/2025
	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water	Vacuum (-) or Pressure (+) inches of water
MW-1	-0.2	-0.1	-0.1	-0.1
MW-2	-0.3	-0.2	-0.2	-0.5
MW-3	0	0	0	0
MW-4	0	0	0	0
MW-5	0	0	0	-0.1
MW-6	-0.1	-0.1	-0.1	-0.4
MW-7	-0.3	-0.2	-0.1	-0.3
MW-8	+0.1	-0.2	0	-0.1
MW-9	+0.2	-0.1	-0.1	-0.1
MW-10	0	0	0	-0.1
MW-12	0	0	0	0
SVE-1	-55	-45	-22	-42
SVE-2	-5	-5	-23	-46
SVE-3	-38	-56	-28	-36
SVE-4	-36	-5	-18	-40
SVE-5	-32	-20	-18	-30
SVE-6	-64	-88	-52	-56
SVE-7	-60	-60	-36	-54
SVE-8	-50	-50	-20	-42
SVE-9	-43	-40	-17	-33
SVE-10	-57	-50	-26	-44
SVE-11	-36	-5	-18	-40
SVEH-1	0	0	0	0
SVEH-2	0	0	0	0
SVEH-3	0	0	0	0
SVEH-4	0	0	0	0

7/14-15/2021 - zone 1 sparge system running
1/27/2022 - sparge system shut off
5/24/2023 - sparge system turned on

**Maudlin Gulch Remediation System
Sparge Summary Data**

Sparge Zone	Sparge Well #	Date Measured					
		*8/27/2020	**9/10/2020	***10/6/2020	***1/14/2021	****4/28/2021	****7/14/2021
		Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)
1	AS-1	6.5/6	6.5/4.5	0/0	0/0	6/5	6/5.5
	AS-2	8.5/5	0/4	0/0	0/0	4/9	5.5/6
	AS-3	10.5/5	16.5/8	0/0	0/0	4.5/7	3/6
	AS-4	9.0/7	8/4	0/0	0/0	0/0	0/0
2	AS-5	6.0/5	6.5/5	0/0	0/0	0/0	0/0
	AS-6	6.5/5	9/10	0/0	0/0	0/0	0/0
	AS-7	8.5/7	2/8	0/0	0/0	0/0	0/0
	AS-8	6.0/7	6.5/7	0/0	0/0	0/0	0/0
3	AS-9	9.5/8	9/6	6/8	8.8/18	0/0	0/0
	AS-10	7/7	7/5	6.5/7.5	8/6	0/0	0/0
	AS-11	8/7	8/4	7.5/7	8/4	0/0	0/0

*sparge system startup test

**sparge system startup

***zone 3 running

****zone 1 running

*****sparge system shut off per COGCC approval

***** data presented only for the selected sparge wells which were running at time of monitoring

Sparge Zone	Sparge Well #	****7/14/2021	*****10/26/2021	*****1/27/2022	10/24/2023	*****1/23/2024	4/9/2024
		Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)
1	AS-1	6/5.5	no data	no data	no data	no data	3/0
	AS-2	5.5/6	no data	no data	no data	no data	no data
	AS-3	3/6	no data	no data	no data	no data	3.5/0
	AS-4	0/0	no data	no data	no data	no data	0/0
2	AS-5	0/0	no data	no data	0/3	0/4	1.5/10
	AS-6	0/0	no data	no data	11/6	no data	no data
	AS-7	0/0	no data	no data	0/5	no data	no data
	AS-8	0/0	no data	no data	10/0	no data	no data
3	AS-9	0/0	no data	no data	no data	3.5/0	0/0
	AS-10	0/0	no data	no data	no data	3/7	0.5/6
	AS-11	0/0	no data	no data	no data	4/7	1.5/7

Sparge Zone	Sparge Well #	4/9/2024	7/31/2024	10/15/2024	1/23/2025	4/16/2025	7/28/2025
		Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)	Pressure (psi)/flow (cfm)
1	AS-1	3/0	0/0	0/0	0/0	6.5/4	0/0
	AS-2	no data	0/0	0/0	0/0	0/0	0/0
	AS-3	3.5/0	0/0	4/5	0/0	5/5	0/0
	AS-4	0/0	0/0	0/0	0/0	7.5/6	0/0
2	AS-5	1.5/10	0/0	0/0	0/0	0/0	0/0
	AS-6	no data	0/0	0/0	0/0	0/0	0/0
	AS-7	no data	0/0	0/0	0/0	0/0	0/0
	AS-8	no data	0/0	0/0	0/0	0/0	0/0
3	AS-9	0/0	5/5	0/0	9/4	0/0	0/0
	AS-10	0.5/6	0/10	0/0	9/5	0/0	0/0
	AS-11	1.5/7	15/10	0/0	10/5	0/0	0/0



Trust our People. Trust our Data.
www.energylab.com

Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

ANALYTICAL SUMMARY REPORT

August 25, 2025

Wesco Operating Inc
120 S Durbin St
Casper, WY 82601-2512

Work Order: C25071025 Quote ID: C15987

Project Name: Maud B

Energy Laboratories, Inc. Casper WY received the following 13 samples for Wesco Operating Inc on 7/30/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C25071025-001	MW 12	07/29/25 10:25	07/30/25	Aqueous	8260-Volatile Organic Compounds-Extended List
C25071025-002	MW 10	07/29/25 10:35	07/30/25	Aqueous	Same As Above
C25071025-003	MW 9	07/29/25 10:10	07/30/25	Aqueous	Same As Above
C25071025-004	MW 8	07/29/25 11:46	07/30/25	Aqueous	Same As Above
C25071025-005	MW 7	07/29/25 11:27	07/30/25	Aqueous	Same As Above
C25071025-006	MW 6	07/29/25 11:36	07/30/25	Aqueous	Same As Above
C25071025-007	MW 5	07/29/25 11:00	07/30/25	Aqueous	Same As Above
C25071025-008	MW 4	07/29/25 10:45	07/30/25	Aqueous	Same As Above
C25071025-009	MW 3	07/29/25 11:58	07/30/25	Aqueous	Same As Above
C25071025-010	MW 2	07/29/25 11:15	07/30/25	Aqueous	Same As Above
C25071025-011	MW 1	07/29/25 12:15	07/30/25	Aqueous	Same As Above
C25071025-012	MW 5 Dup	07/29/25 11:00	07/30/25	Aqueous	Same As Above
C25071025-013	Trip Blank	07/29/25 10:10	07/30/25	Trip Blank	Same As Above

The analyses presented in this report were performed by Energy Laboratories, Inc., 2393 Salt Creek Hwy, Casper, WY 82601-9601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

Energy Laboratories, Inc. verifies the reported results for the analysis has been technically reviewed and approved for release.

If you have any questions regarding these test results, please contact your Project Manager.

M Stephens



Trust our People. Trust our Data.
www.energylab.com

Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

CLIENT: Wesco Operating Inc
Project: Maud B
Work Order: C25071025

Report Date: 08/25/25

CASE NARRATIVE

Tests associated with analyst identified as ELI-B were subcontracted to Energy Laboratories, 1120 S. 27th St., Billings, MT, EPA Number MT00005.



Work Order Sample Summary

CLIENT: Wesco Operating Inc
Project: Maud B
Work Order: C25071025

Report Date: 08/25/25

Lab ID	Client Sample ID	Collection Date	Date Received
C25071025-001	MW 12	7/29/2025 10:25:00 AM	7/30/2025
C25071025-002	MW 10	7/29/2025 10:35:00 AM	7/30/2025
C25071025-003	MW 9	7/29/2025 10:10:00 AM	7/30/2025
C25071025-004	MW 8	7/29/2025 11:46:00 AM	7/30/2025
C25071025-005	MW 7	7/29/2025 11:27:00 AM	7/30/2025
C25071025-006	MW 6	7/29/2025 11:36:00 AM	7/30/2025
C25071025-007	MW 5	7/29/2025 11:00:00 AM	7/30/2025
C25071025-008	MW 4	7/29/2025 10:45:00 AM	7/30/2025
C25071025-009	MW 3	7/29/2025 11:58:00 AM	7/30/2025
C25071025-010	MW 2	7/29/2025 11:15:00 AM	7/30/2025
C25071025-011	MW 1	7/29/2025 12:15:00 PM	7/30/2025
C25071025-012	MW 5 Dup	7/29/2025 11:00:00 AM	7/30/2025
C25071025-013	Trip Blank	7/29/2025 10:10:00 AM	7/30/2025



Trust our People. Trust our Data.
www.energylab.com

Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Maud B
Lab ID: C25071025-001
Client Sample ID: MW 12

Report Date: 08/25/25
Collection Date: 07/29/25 10:25
DateReceived: 07/30/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		1.0		SW8260D	08/07/25 20:15 / eli-b
Ethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 20:15 / eli-b
Naphthalene	ND	ug/L		1.0		SW8260D	08/07/25 20:15 / eli-b
Toluene	ND	ug/L		1.0		SW8260D	08/07/25 20:15 / eli-b
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 20:15 / eli-b
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 20:15 / eli-b
m+p-Xylenes	ND	ug/L		1.0		SW8260D	08/07/25 20:15 / eli-b
o-Xylene	ND	ug/L		1.0		SW8260D	08/07/25 20:15 / eli-b
Xylenes, Total	ND	ug/L		1.0		SW8260D	08/07/25 20:15 / eli-b
Surr: 1,2-Dichloroethane-d4	103	%REC		70-130		SW8260D	08/07/25 20:15 / eli-b
Surr: Dibromofluoromethane	109	%REC		77-126		SW8260D	08/07/25 20:15 / eli-b
Surr: p-Bromofluorobenzene	109	%REC		76-127		SW8260D	08/07/25 20:15 / eli-b
Surr: Toluene-d8	100	%REC		79-122		SW8260D	08/07/25 20:15 / eli-b

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



Trust our People. Trust our Data.
www.energylab.com

Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Maud B
Lab ID: C25071025-002
Client Sample ID: MW 10

Report Date: 08/25/25
Collection Date: 07/29/25 10:35
DateReceived: 07/30/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		1.0		SW8260D	08/07/25 20:41 / eli-b
Ethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 20:41 / eli-b
Naphthalene	ND	ug/L		1.0		SW8260D	08/07/25 20:41 / eli-b
Toluene	ND	ug/L		1.0		SW8260D	08/07/25 20:41 / eli-b
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 20:41 / eli-b
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 20:41 / eli-b
m+p-Xylenes	ND	ug/L		1.0		SW8260D	08/07/25 20:41 / eli-b
o-Xylene	ND	ug/L		1.0		SW8260D	08/07/25 20:41 / eli-b
Xylenes, Total	ND	ug/L		1.0		SW8260D	08/07/25 20:41 / eli-b
Surr: 1,2-Dichloroethane-d4	106	%REC		70-130		SW8260D	08/07/25 20:41 / eli-b
Surr: Dibromofluoromethane	109	%REC		77-126		SW8260D	08/07/25 20:41 / eli-b
Surr: p-Bromofluorobenzene	113	%REC		76-127		SW8260D	08/07/25 20:41 / eli-b
Surr: Toluene-d8	91.0	%REC		79-122		SW8260D	08/07/25 20:41 / eli-b

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



Trust our People. Trust our Data.
www.energylab.com

Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Maud B
Lab ID: C25071025-003
Client Sample ID: MW 9

Report Date: 08/25/25
Collection Date: 07/29/25 10:10
DateReceived: 07/30/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		1.0		SW8260D	08/07/25 21:08 / eli-b
Ethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 21:08 / eli-b
Naphthalene	ND	ug/L		1.0		SW8260D	08/07/25 21:08 / eli-b
Toluene	ND	ug/L		1.0		SW8260D	08/07/25 21:08 / eli-b
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 21:08 / eli-b
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 21:08 / eli-b
m+p-Xylenes	ND	ug/L		1.0		SW8260D	08/07/25 21:08 / eli-b
o-Xylene	ND	ug/L		1.0		SW8260D	08/07/25 21:08 / eli-b
Xylenes, Total	ND	ug/L		1.0		SW8260D	08/07/25 21:08 / eli-b
Surr: 1,2-Dichloroethane-d4	103	%REC		70-130		SW8260D	08/07/25 21:08 / eli-b
Surr: Dibromofluoromethane	109	%REC		77-126		SW8260D	08/07/25 21:08 / eli-b
Surr: p-Bromofluorobenzene	111	%REC		76-127		SW8260D	08/07/25 21:08 / eli-b
Surr: Toluene-d8	98.0	%REC		79-122		SW8260D	08/07/25 21:08 / eli-b

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



Trust our People. Trust our Data.
www.energylab.com

Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Maud B
Lab ID: C25071025-004
Client Sample ID: MW 8

Report Date: 08/25/25
Collection Date: 07/29/25 11:46
DateReceived: 07/30/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		1.0		SW8260D	08/07/25 21:34 / eli-b
Ethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 21:34 / eli-b
Naphthalene	ND	ug/L		1.0		SW8260D	08/07/25 21:34 / eli-b
Toluene	ND	ug/L		1.0		SW8260D	08/07/25 21:34 / eli-b
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 21:34 / eli-b
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 21:34 / eli-b
m+p-Xylenes	ND	ug/L		1.0		SW8260D	08/07/25 21:34 / eli-b
o-Xylene	ND	ug/L		1.0		SW8260D	08/07/25 21:34 / eli-b
Xylenes, Total	ND	ug/L		1.0		SW8260D	08/07/25 21:34 / eli-b
Surr: 1,2-Dichloroethane-d4	108	%REC		70-130		SW8260D	08/07/25 21:34 / eli-b
Surr: Dibromofluoromethane	107	%REC		77-126		SW8260D	08/07/25 21:34 / eli-b
Surr: p-Bromofluorobenzene	108	%REC		76-127		SW8260D	08/07/25 21:34 / eli-b
Surr: Toluene-d8	99.0	%REC		79-122		SW8260D	08/07/25 21:34 / eli-b

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



Trust our People. Trust our Data.
www.energylab.com

Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Maud B
Lab ID: C25071025-005
Client Sample ID: MW 7

Report Date: 08/25/25
Collection Date: 07/29/25 11:27
DateReceived: 07/30/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		1.0		SW8260D	08/07/25 22:00 / eli-b
Ethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 22:00 / eli-b
Naphthalene	ND	ug/L		1.0		SW8260D	08/07/25 22:00 / eli-b
Toluene	ND	ug/L		1.0		SW8260D	08/07/25 22:00 / eli-b
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 22:00 / eli-b
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 22:00 / eli-b
m+p-Xylenes	ND	ug/L		1.0		SW8260D	08/07/25 22:00 / eli-b
o-Xylene	ND	ug/L		1.0		SW8260D	08/07/25 22:00 / eli-b
Xylenes, Total	ND	ug/L		1.0		SW8260D	08/07/25 22:00 / eli-b
Surr: 1,2-Dichloroethane-d4	106	%REC		70-130		SW8260D	08/07/25 22:00 / eli-b
Surr: Dibromofluoromethane	109	%REC		77-126		SW8260D	08/07/25 22:00 / eli-b
Surr: p-Bromofluorobenzene	109	%REC		76-127		SW8260D	08/07/25 22:00 / eli-b
Surr: Toluene-d8	99.0	%REC		79-122		SW8260D	08/07/25 22:00 / eli-b

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Maud B
Lab ID: C25071025-006
Client Sample ID: MW 6

Report Date: 08/25/25
Collection Date: 07/29/25 11:36
DateReceived: 07/30/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		1.0		SW8260D	08/07/25 23:45 / eli-b
Ethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 23:45 / eli-b
Naphthalene	ND	ug/L		1.0		SW8260D	08/07/25 23:45 / eli-b
Toluene	ND	ug/L		1.0		SW8260D	08/07/25 23:45 / eli-b
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 23:45 / eli-b
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 23:45 / eli-b
m+p-Xylenes	ND	ug/L		1.0		SW8260D	08/07/25 23:45 / eli-b
o-Xylene	ND	ug/L		1.0		SW8260D	08/07/25 23:45 / eli-b
Xylenes, Total	ND	ug/L		1.0		SW8260D	08/07/25 23:45 / eli-b
Surr: 1,2-Dichloroethane-d4	115	%REC		70-130		SW8260D	08/07/25 23:45 / eli-b
Surr: Dibromofluoromethane	110	%REC		77-126		SW8260D	08/07/25 23:45 / eli-b
Surr: p-Bromofluorobenzene	110	%REC		76-127		SW8260D	08/07/25 23:45 / eli-b
Surr: Toluene-d8	97.0	%REC		79-122		SW8260D	08/07/25 23:45 / eli-b

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Maud B
Lab ID: C25071025-007
Client Sample ID: MW 5

Report Date: 08/25/25
Collection Date: 07/29/25 11:00
DateReceived: 07/30/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		1.0		SW8260D	08/07/25 22:26 / eli-b
Ethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 22:26 / eli-b
Naphthalene	ND	ug/L		1.0		SW8260D	08/07/25 22:26 / eli-b
Toluene	ND	ug/L		1.0		SW8260D	08/07/25 22:26 / eli-b
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 22:26 / eli-b
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 22:26 / eli-b
m+p-Xylenes	ND	ug/L		1.0		SW8260D	08/07/25 22:26 / eli-b
o-Xylene	ND	ug/L		1.0		SW8260D	08/07/25 22:26 / eli-b
Xylenes, Total	ND	ug/L		1.0		SW8260D	08/07/25 22:26 / eli-b
Surr: 1,2-Dichloroethane-d4	105	%REC		70-130		SW8260D	08/07/25 22:26 / eli-b
Surr: Dibromofluoromethane	105	%REC		77-126		SW8260D	08/07/25 22:26 / eli-b
Surr: p-Bromofluorobenzene	109	%REC		76-127		SW8260D	08/07/25 22:26 / eli-b
Surr: Toluene-d8	100	%REC		79-122		SW8260D	08/07/25 22:26 / eli-b

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



Trust our People. Trust our Data.
www.energylab.com

Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Maud B
Lab ID: C25071025-008
Client Sample ID: MW 4

Report Date: 08/25/25
Collection Date: 07/29/25 10:45
DateReceived: 07/30/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		1.0		SW8260D	08/07/25 23:19 / eli-b
Ethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 23:19 / eli-b
Naphthalene	ND	ug/L		1.0		SW8260D	08/07/25 23:19 / eli-b
Toluene	ND	ug/L		1.0		SW8260D	08/07/25 23:19 / eli-b
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 23:19 / eli-b
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 23:19 / eli-b
m+p-Xylenes	ND	ug/L		1.0		SW8260D	08/07/25 23:19 / eli-b
o-Xylene	ND	ug/L		1.0		SW8260D	08/07/25 23:19 / eli-b
Xylenes, Total	ND	ug/L		1.0		SW8260D	08/07/25 23:19 / eli-b
Surr: 1,2-Dichloroethane-d4	106	%REC		70-130		SW8260D	08/07/25 23:19 / eli-b
Surr: Dibromofluoromethane	108	%REC		77-126		SW8260D	08/07/25 23:19 / eli-b
Surr: p-Bromofluorobenzene	109	%REC		76-127		SW8260D	08/07/25 23:19 / eli-b
Surr: Toluene-d8	99.0	%REC		79-122		SW8260D	08/07/25 23:19 / eli-b

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



Trust our People. Trust our Data.
www.energylab.com

Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Maud B
Lab ID: C25071025-009
Client Sample ID: MW 3

Report Date: 08/25/25
Collection Date: 07/29/25 11:58
DateReceived: 07/30/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		1.0		SW8260D	08/08/25 07:38 / eli-b
Ethylbenzene	ND	ug/L		1.0		SW8260D	08/08/25 07:38 / eli-b
Naphthalene	ND	ug/L		1.0		SW8260D	08/08/25 07:38 / eli-b
Toluene	ND	ug/L		1.0		SW8260D	08/08/25 07:38 / eli-b
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/08/25 07:38 / eli-b
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/08/25 07:38 / eli-b
m+p-Xylenes	ND	ug/L		1.0		SW8260D	08/08/25 07:38 / eli-b
o-Xylene	ND	ug/L		1.0		SW8260D	08/08/25 07:38 / eli-b
Xylenes, Total	ND	ug/L		1.0		SW8260D	08/08/25 07:38 / eli-b
Surr: 1,2-Dichloroethane-d4	108	%REC		70-130		SW8260D	08/08/25 07:38 / eli-b
Surr: Dibromofluoromethane	107	%REC		77-126		SW8260D	08/08/25 07:38 / eli-b
Surr: p-Bromofluorobenzene	110	%REC		76-127		SW8260D	08/08/25 07:38 / eli-b
Surr: Toluene-d8	98.0	%REC		79-122		SW8260D	08/08/25 07:38 / eli-b

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



Trust our People. Trust our Data.
www.energylab.com

Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Maud B
Lab ID: C25071025-010
Client Sample ID: MW 2

Report Date: 08/25/25
Collection Date: 07/29/25 11:15
DateReceived: 07/30/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		1.0		SW8260D	08/08/25 08:04 / eli-b
Ethylbenzene	ND	ug/L		1.0		SW8260D	08/08/25 08:04 / eli-b
Naphthalene	ND	ug/L		1.0		SW8260D	08/08/25 08:04 / eli-b
Toluene	ND	ug/L		1.0		SW8260D	08/08/25 08:04 / eli-b
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/08/25 08:04 / eli-b
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/08/25 08:04 / eli-b
m+p-Xylenes	ND	ug/L		1.0		SW8260D	08/08/25 08:04 / eli-b
o-Xylene	ND	ug/L		1.0		SW8260D	08/08/25 08:04 / eli-b
Xylenes, Total	ND	ug/L		1.0		SW8260D	08/08/25 08:04 / eli-b
Surr: 1,2-Dichloroethane-d4	108	%REC		70-130		SW8260D	08/08/25 08:04 / eli-b
Surr: Dibromofluoromethane	110	%REC		77-126		SW8260D	08/08/25 08:04 / eli-b
Surr: p-Bromofluorobenzene	113	%REC		76-127		SW8260D	08/08/25 08:04 / eli-b
Surr: Toluene-d8	96.0	%REC		79-122		SW8260D	08/08/25 08:04 / eli-b

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Maud B
Lab ID: C25071025-011
Client Sample ID: MW 1

Report Date: 08/25/25
Collection Date: 07/29/25 12:15
DateReceived: 07/30/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		1.0		SW8260D	08/08/25 01:04 / eli-b
Ethylbenzene	16	ug/L		1.0		SW8260D	08/08/25 01:04 / eli-b
Naphthalene	ND	ug/L		1.0		SW8260D	08/08/25 01:04 / eli-b
Toluene	ND	ug/L		1.0		SW8260D	08/08/25 01:04 / eli-b
1,2,4-Trimethylbenzene	14	ug/L		1.0		SW8260D	08/08/25 01:04 / eli-b
1,3,5-Trimethylbenzene	5.6	ug/L		1.0		SW8260D	08/08/25 01:04 / eli-b
m+p-Xylenes	49	ug/L		10		SW8260D	08/08/25 00:38 / eli-b
o-Xylene	ND	ug/L		1.0		SW8260D	08/08/25 01:04 / eli-b
Xylenes, Total	49	ug/L		1.0		SW8260D	08/08/25 01:04 / eli-b
Surr: 1,2-Dichloroethane-d4	91.0	%REC		70-130		SW8260D	08/08/25 01:04 / eli-b
Surr: Dibromofluoromethane	90.0	%REC		77-126		SW8260D	08/08/25 01:04 / eli-b
Surr: p-Bromofluorobenzene	110	%REC		76-127		SW8260D	08/08/25 01:04 / eli-b
Surr: Toluene-d8	109	%REC		79-122		SW8260D	08/08/25 01:04 / eli-b

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



Trust our People. Trust our Data.
www.energylab.com

Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Maud B
Lab ID: C25071025-012
Client Sample ID: MW 5 Dup

Report Date: 08/25/25
Collection Date: 07/29/25 11:00
DateReceived: 07/30/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		1.0		SW8260D	08/07/25 22:53 / eli-b
Ethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 22:53 / eli-b
Naphthalene	ND	ug/L		1.0		SW8260D	08/07/25 22:53 / eli-b
Toluene	ND	ug/L		1.0		SW8260D	08/07/25 22:53 / eli-b
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 22:53 / eli-b
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 22:53 / eli-b
m+p-Xylenes	ND	ug/L		1.0		SW8260D	08/07/25 22:53 / eli-b
o-Xylene	ND	ug/L		1.0		SW8260D	08/07/25 22:53 / eli-b
Xylenes, Total	ND	ug/L		1.0		SW8260D	08/07/25 22:53 / eli-b
Surr: 1,2-Dichloroethane-d4	107	%REC		70-130		SW8260D	08/07/25 22:53 / eli-b
Surr: Dibromofluoromethane	108	%REC		77-126		SW8260D	08/07/25 22:53 / eli-b
Surr: p-Bromofluorobenzene	108	%REC		76-127		SW8260D	08/07/25 22:53 / eli-b
Surr: Toluene-d8	99.0	%REC		79-122		SW8260D	08/07/25 22:53 / eli-b

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Maud B
Lab ID: C25071025-013
Client Sample ID: Trip Blank

Report Date: 08/25/25
Collection Date: 07/29/25 10:10
DateReceived: 07/30/25
Matrix: Trip Blank

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		1.0		SW8260D	08/07/25 19:49 / eli-b
Ethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 19:49 / eli-b
Naphthalene	ND	ug/L		1.0		SW8260D	08/07/25 19:49 / eli-b
Toluene	ND	ug/L		1.0		SW8260D	08/07/25 19:49 / eli-b
1,2,4-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 19:49 / eli-b
1,3,5-Trimethylbenzene	ND	ug/L		1.0		SW8260D	08/07/25 19:49 / eli-b
m+p-Xylenes	ND	ug/L		1.0		SW8260D	08/07/25 19:49 / eli-b
o-Xylene	ND	ug/L		1.0		SW8260D	08/07/25 19:49 / eli-b
Xylenes, Total	ND	ug/L		1.0		SW8260D	08/07/25 19:49 / eli-b
Surr: 1,2-Dichloroethane-d4	107	%REC		70-130		SW8260D	08/07/25 19:49 / eli-b
Surr: Dibromofluoromethane	109	%REC		77-126		SW8260D	08/07/25 19:49 / eli-b
Surr: p-Bromofluorobenzene	104	%REC		76-127		SW8260D	08/07/25 19:49 / eli-b
Surr: Toluene-d8	98.0	%REC		79-122		SW8260D	08/07/25 19:49 / eli-b

Report Definitions: RL - Analyte Reporting Limit
QCL - Quality Control Limit

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



Trust our People. Trust our Data.
www.energylab.com

Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: C25071025

Report Date: 08/25/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260D Batch: R448094										
Lab ID: LCS080725	13	Laboratory Control Sample					Run: 5975VOC1_250807A			08/07/25 16:45
Benzene		5.34	ug/L	0.50	107	71	133			
Ethylbenzene		5.14	ug/L	0.50	103	78	131			
Naphthalene		4.57	ug/L	1.0	91	55	139			
Toluene		5.38	ug/L	0.50	108	78	134			
1,2,4-Trimethylbenzene		4.79	ug/L	0.50	96	71	129			
1,3,5-Trimethylbenzene		5.08	ug/L	0.50	102	68	135			
m+p-Xylenes		10.6	ug/L	1.0	106	78	133			
o-Xylene		5.24	ug/L	0.50	105	79	136			
Xylenes, Total		15.8	ug/L	0.50	105	78	136			
Surr: 1,2-Dichloroethane-d4				0.50	99	70	130			
Surr: Dibromofluoromethane				0.50	99	77	126			
Surr: p-Bromofluorobenzene				0.50	107	76	127			
Surr: Toluene-d8				0.50	104	79	122			
Lab ID: MBLK080725	13	Method Blank					Run: 5975VOC1_250807A			08/07/25 18:50
Benzene		ND	ug/L	0.50						
Ethylbenzene		ND	ug/L	0.50						
Naphthalene		ND	ug/L	1.0						
Toluene		ND	ug/L	0.50						
1,2,4-Trimethylbenzene		ND	ug/L	0.50						
1,3,5-Trimethylbenzene		ND	ug/L	0.50						
m+p-Xylenes		ND	ug/L	1.0						
o-Xylene		ND	ug/L	0.50						
Xylenes, Total		ND	ug/L	0.50						
Surr: 1,2-Dichloroethane-d4				0.50	104	70	130			
Surr: Dibromofluoromethane				0.50	109	77	126			
Surr: p-Bromofluorobenzene				0.50	107	76	127			
Surr: Toluene-d8				0.50	99	79	122			
Lab ID: C25071025-001AMS	13	Sample Matrix Spike					Run: 5975VOC1_250807A			08/08/25 02:23
Benzene		4.38	ug/L	0.50	88	71	133			
Ethylbenzene		4.54	ug/L	0.50	91	78	131			
Naphthalene		4.08	ug/L	1.0	82	55	139			
Toluene		4.68	ug/L	0.50	94	78	134			
1,2,4-Trimethylbenzene		4.54	ug/L	0.50	91	71	129			
1,3,5-Trimethylbenzene		4.77	ug/L	0.50	95	68	135			
m+p-Xylenes		9.45	ug/L	1.0	94	78	133			
o-Xylene		4.56	ug/L	0.50	91	79	136			
Xylenes, Total		14.0	ug/L	0.50	93	78	136			
Surr: 1,2-Dichloroethane-d4				0.50	98	70	130			
Surr: Dibromofluoromethane				0.50	103	77	126			
Surr: p-Bromofluorobenzene				0.50	111	76	127			
Surr: Toluene-d8				0.50	101	79	122			
Lab ID: C25071025-001AMSD	13	Sample Matrix Spike Duplicate					Run: 5975VOC1_250807A			08/08/25 02:49
Benzene		5.31	ug/L	0.50	106	71	133	19	20	

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



Trust our People. Trust our Data.
www.energylab.com

Billings, MT 406.252.6325 • Casper, WY 307.235.0515
Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: C25071025

Report Date: 08/25/25

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260D										
Batch: R448094										
Lab ID: C25071025-001AMSD	13	Sample Matrix Spike Duplicate			Run: 5975VOC1_250807A				08/08/25 02:49	
Ethylbenzene		4.66	ug/L	0.50	93	78	131	2.7	20	
Naphthalene		4.52	ug/L	1.0	90	55	139	10	20	
Toluene		4.90	ug/L	0.50	98	78	134	4.7	20	
1,2,4-Trimethylbenzene		4.74	ug/L	0.50	95	71	129	4.3	20	
1,3,5-Trimethylbenzene		4.91	ug/L	0.50	98	68	135	2.9	20	
m+p-Xylenes		9.73	ug/L	1.0	97	78	133	3.0	20	
o-Xylene		4.51	ug/L	0.50	90	79	136	1.0	20	
Xylenes, Total		14.2	ug/L	0.50	95	78	136	1.7	20	
Surr: 1,2-Dichloroethane-d4				0.50	107	70	130			
Surr: Dibromofluoromethane				0.50	114	77	126			
Surr: p-Bromofluorobenzene				0.50	107	76	127			
Surr: Toluene-d8				0.50	103	79	122			
Lab ID: LCS080725a	13	Laboratory Control Sample			Run: 5975VOC1_250807A				08/08/25 05:27	
Benzene		4.90	ug/L	0.50	98	71	133			
Ethylbenzene		4.79	ug/L	0.50	96	78	131			
Naphthalene		4.21	ug/L	1.0	84	55	139			
Toluene		5.04	ug/L	0.50	101	78	134			
1,2,4-Trimethylbenzene		4.74	ug/L	0.50	95	71	129			
1,3,5-Trimethylbenzene		4.85	ug/L	0.50	97	68	135			
m+p-Xylenes		9.87	ug/L	1.0	99	78	133			
o-Xylene		4.87	ug/L	0.50	97	79	136			
Xylenes, Total		14.7	ug/L	0.50	98	78	136			
Surr: 1,2-Dichloroethane-d4				0.50	98	70	130			
Surr: Dibromofluoromethane				0.50	101	77	126			
Surr: p-Bromofluorobenzene				0.50	103	76	127			
Surr: Toluene-d8				0.50	103	79	122			
Lab ID: MBLK080725a	13	Method Blank			Run: 5975VOC1_250807A				08/08/25 07:12	
Benzene		ND	ug/L	0.50						
Ethylbenzene		ND	ug/L	0.50						
Naphthalene		ND	ug/L	1.0						
Toluene		ND	ug/L	0.50						
1,2,4-Trimethylbenzene		ND	ug/L	0.50						
1,3,5-Trimethylbenzene		ND	ug/L	0.50						
m+p-Xylenes		ND	ug/L	1.0						
o-Xylene		ND	ug/L	0.50						
Xylenes, Total		ND	ug/L	0.50						
Surr: 1,2-Dichloroethane-d4				0.50	105	70	130			
Surr: Dibromofluoromethane				0.50	107	77	126			
Surr: p-Bromofluorobenzene				0.50	107	76	127			
Surr: Toluene-d8				0.50	98	79	122			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



Work Order Receipt Checklist

Wesco Operating Inc

C25071025

Login completed by: Lorie D. Snider

Date Received: 7/30/2025

Reviewed by: dsawyer

Received by: LDS

Reviewed Date: 8/4/2025

Carrier name: Hand Deliver

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on all shipping container(s)/cooler(s)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on all sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
Container/Temp Blank temperature:	0.7°C On Ice		
Containers requiring zero headspace have no headspace or bubble that is <6mm (1/4").	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input checked="" type="checkbox"/>

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

The reference date for Radon analysis is the sample collection date. The reference date for all other Radiochemical analyses is the analysis date. Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

For methods that require zero headspace or require preservation check at the time of analysis due to potential interference, the pH is verified at analysis. Nonconforming sample pH is documented as part of the analysis and included in the sample analysis comments.


Trip Blanks and/or Blind Duplicate samples are assigned the earliest collection time for the associated requested analysis in order to evaluate the holding time unless specifically indicated.

Contact and Corrective Action Comments:

None

Laboratory Certifications and Accreditations

Current certificates are available at www.energylab.com website:

	Agency	Number
Billings, MT  	Alaska	17-023
	California	3087
	Colorado	MT00005
	Department of Defense (DoD)/ISO17025	ADE-2588
	Florida (Primary NELAP)	E87668
	Idaho	MT00005
	Louisiana	05079
	Montana	CERT0044
	Nebraska	NE-OS-13-04
	Nevada	NV-C24-00250
	North Dakota	R-007
	National Radon Proficiency	109383-RMP
	Oregon	4184
	South Dakota	ARSD 74:04:07
	Texas	TX-C24-00302
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00170
	Washington	C1039
	Casper, WY 	Alaska
California		3021
Colorado		WY00002
Florida (Primary NELAP)		E87641
Idaho		WY00002
Louisiana		05083
Montana		CERT0002
Nebraska		NE-OS-08-04
Nevada		NV-C24-00245
North Dakota		R-125
Oregon		WY200001
South Dakota		WY00002
Texas		T104704181-23-21
US EPA Region VIII		WY00002
USNRC License		49-26846-01
Washington	C1012	
Gillette, WY	US EPA Region VIII	WY00006
	Colorado	MT00945
Helena, MT	Montana	CERT0079
	Nevada	NV-C24-00119
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00090



Trust our People. Trust our Data.

Chain of Custody & Analytical Request Record

www.energylab.com

Account Information (Billing Information) **Report Information** (If different than Account Information) **Comments**

Company/Name: Wesco Operating Inc
 Contact: Dave Weiner
 Phone: 307-577-5309
 Mailing Address: PO Box 1650
 City, State, Zip: Casper, WY, 82602
 Email: dave@wescooperating.com
 Receive Invoice: Hard Copy Email Hard Copy Email
 Purchase Order: Hard Copy Email Hard Copy Email
 Bottle Order: 83686
 Quote: _____
 Special Report/Formats: LEVEL IV NELAC EDD/EDT (contact laboratory) Other _____

Project Information

Project Name, PWSID, Permit, etc.: meuld B
 Sampler Name: Daniel Sampler Phone: 307-251-9764
 Sample Origin State: CO EPA/State Compliance: Yes No
 URANIUM MINING CLIENTS MUST indicate sample type
 Unprocessed Ore
 Processed Ore (Ground or Refined) **CALL BEFORE SENDING
 11(e)2 Byproduct Material (Can ONLY be Submitted to ELI Casper, Location)

Sample Identification (Name, Location, Interval, etc.)	Collection		Matrix (See Codes Above)	Number of Containers	Analysis Requested	See Attached	RUSH TAT	ELI LAB ID Laboratory Use Only
	Date	Time						
1 MW 12	7/31/25	10:05am	W	3	Tri-methylbenzene 1,2,4			C25071025
2 MW 10	7/31/25	10:55am	W	3	Tri-methylbenzene 1,2,4			
3 MW 9	7/31/25	10:10am	W	3	Tri-methylbenzene 1,2,4			
4 MW 8	7/31/25	11:46am	W	3	Tri-methylbenzene 1,2,4			
5 MW 7	7/31/25	11:27am	W	3	Tri-methylbenzene 1,2,4			
6 MW 6	7/31/25	11:36am	W	3	Tri-methylbenzene 1,2,4			
7 MW 5	7/31/25	11:00am	W	3	Tri-methylbenzene 1,2,4			
8 MW 4	7/31/25	10:45am	W	3	Tri-methylbenzene 1,2,4			
9 MW 3	7/31/25	11:58am	W	3	Tri-methylbenzene 1,2,4			

LABORATORY USE ONLY

Signature: [Signature] Date/Time: 7/30/25
 Received by Laboratory (print): LORE SALTER Date/Time: 07/30/25 10:05
 Signature: [Signature] Date/Time: 07/30/25 10:05
 Signature: [Signature] Date/Time: 07/30/25 10:05

Shipped By: _____ Cooler ID(s): _____ Custody Seals: Y N C B In tact: Y N Receipt Temp: 0.7 °C Temp Blank: Y N On Ice: Y N Payment Type: _____ \$ Amount: _____ Receipt Number (cash/check only): _____

ELI is REQUIRED to provide preservative traceability. If the preservatives supplied with the bottle order were NOT used, please attach your preservative information with this COC.

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All subcontracted data will be clearly notated on your analytical report.



Trust our People. Trust our Data.

Chain of Custody & Analytical Request Record

www.energylab.com

Account Information (Billing Information)

Company/Name: Wesco Operating Inc
 Contact: Dave Weiner
 Phone: 307-577-5389
 Mailing Address: PO Box 1650
 City, State, Zip: Casper, WY 82602
 Email: dave@wescooperating.com
 Receive Invoice Hard Copy Email | Receive Report Hard Copy Email
 Purchase Order: 83686 | Quote: 83686

Report Information (if different than Account Information)

Company/Name: _____
 Contact: _____
 Phone: _____
 Mailing Address: _____
 City, State, Zip: _____
 Email: _____
 Receive Report Hard Copy Email
 Special Report/Forms: LEVEL IV NELAC EDD/EDT (contact laboratory) Other _____

Comments

Project Information

Project Name, PWSID, Permit, etc.: _____
 Sampler Name: _____
 Sampler Phone: _____
 EPA/State Compliance: Yes No
 Sample Origin State: _____
URANIUM MINING CLIENTS MUST indicate sample type
 Unprocessed Ore
 Processed Ore (Ground or Refined) **CALL BEFORE SENDING
 11(e) Byproduct Material (Can ONLY be Submitted to ELI Casper Location)

Sample Identification (Name, Location, Interval, etc.)	Date	Time	Collection	Matrix Codes A - Air W - Water S - Soils V - Vegetation B - Biomass O - Oil DW - Drinking Water	Number of Containers (See Codes Above)	Analysis Requested		ELI LAB ID Laboratory Use Only
						Matrix Code	Number of Containers	
MW2	7/29/25	11:15am		W	3	BTX	Tri-methylbenzene 1,2,4 1,3,5	C-25071025
MW1	7/29/25	10:15pm		W	3			
MW5 DAP	7/29/25	11:00am		W	3			

ELI is REQUIRED to provide preservative traceability. If the preservatives supplied with the bottle order were NOT used, please attach your preservative information with this COC.

Custody Record **MUST** be signed by (print) Dave Weiner Signature [Signature] Date/Time 7/29/25 11:15am
 Received by Laboratory (print) [Signature] Signature [Signature] Date/Time 07-30-25 16:12
 Received by Laboratory (print) [Signature] Signature [Signature] Date/Time 07-30-25 16:12

LABORATORY USE ONLY

Shipped By: _____ Cooler ID(s): _____ Custody Seals: Y N C B Y N intact Y N Receipt Temp °C: _____ Temp Blank Y N On Ice Y N Payment Type: CC Cash Check \$ _____ Amount: _____ Receipt Number (cash/check only): _____

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All subcontracted data will be clearly notated on your analytical report.

Maudlin Gulch Remediation System
Groundwater Analysis Summary

Benzene

COGCC Benzene remediation standard; 5 PPB

All units are parts per billion

Date Sample Collected

Well #	1/28/2020	5/16/2020	10/7/2020	1/14/2021	4/28/2021	7/15/2021	10/26/2021	1/28/2022	4/27/2022	7/22/2022	10/12/2022	1/19/2023	4/19/2023	7/20/2023	10/25/2023	1/23/2024	4/10/2024	7/31/2024	10/16&17/2024	1/23/2025	4/17/2025	
MW-1	37	251	BD	BD	BD	BD	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	2580	202	58
MW-2	BD	BD	BD	BD	BD	BD	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-3	BD	BD	NR	NR	NR	NR	NR	BD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	BD	BD	BD
MW-4	BD	BD	BD	BD	BD	BD	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-5	NP	BD	NR	NR	NR	NR	NR	NR	BD	BD	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-6	NP	BD	NR	NR	NR	NR	NR	NR	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-7	NP	BD	NR	NR	NR	NR	NR	NR	BD	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	1.7	BD	BD
MW-8	NP	BD	BD	BD	BD	BD	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-9	NP	BD	NR	NR	NR	NR	NR	NR	BD	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-10	NP	BD	0.4	BD	BD	BD	BD	BD	NR	NR	NR	NR	NR	NR	BD	NR	BD	NR	BD	BD	BD	BD
MW-12	NP	BD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	BD	NR	BD	BD	BD	BD

Notes

Note 1 MW-11 does not exist, was never installed.

Note 2 NR - not required by COGCC to be sampled and/or analyzed

Note 3 BD - concentration less than laboratory method detection limits for constituent

Note 4 NP - well did not exist at time of sampling

Note 5 NS - insufficient water present in well for sampling

Note 6 Floating product discovered at MW-1 during October, 2024 gauging event

Note 7 During the July, 2025 monitoring, a thin (approximately 0.05 feet) layer of floating product was again present on the groundwater at the MW-1 monitoring well. Visually, this product appears to be the same type of hydrocarbon that was reported to the ECMC in October, 2024 and was present MW-1 during the October and January gauging events, but absent during the April, 2025 gauging event.

Toluene

COGCC Toluene remediation standard; 560-1,000 PPB

All units are parts per billion

Date Sample Collected

Well #	1/28/2020	5/15/2020	10/7/2020	1/14/2021	4/28/2021	7/15/2021	10/26/2021	1/28/2022	4/27/2022	7/22/2022	10/12/2022	1/19/2023	4/19/2023	7/20/2023	10/25/2023	1/23/2024	4/10/2024	7/31/2024	10/16&17/2024	1/23/2025	4/17/2025	
MW-1	BD	BD	BD	BD	BD	BD	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	5470	644	BD
MW-2	BD	BD	BD	BD	BD	BD	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-3	BD	BD	NR	NR	NR	NR	NR	BD	NR	NR	NR	NR	NR	NR	NR	NR	BD	NR	BD	BD	BD	BD
MW-4	BD	BD	BD	BD	BD	BD	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-5	NP	BD	NR	NR	NR	NR	NR	NR	BD	BD	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-6	NP	BD	NR	NR	NR	NR	NR	NR	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-7	NP	BD	NR	NR	NR	NR	NR	NR	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-8	NP	BD	BD	BD	BD	BD	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-9	NP	BD	NR	NR	NR	NR	NR	NR	BD	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-10	NP	BD	BD	BD	BD	BD	BD	BD	NR	NR	NR	NR	NR	NR	BD	NR	BD	NR	BD	NR	BD	BD
MW-12	NP	BD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	BD	NR	BD	NR	BD	BD

Notes

Note 1 MW-11 does not exist, was never installed.

Note 2 NR - not required by COGCC to be sampled and/or analyzed

Note 3 BD - concentration less than laboratory method detection limits for constituent

Note 4 NP - well did not exist at time of sampling

Note 5 NS - insufficient water present in well for sampling

Note 6 Floating product discovered at MW-1 during October, 2024 gauging event

Note 7 During the July, 2025 monitoring, a thin (approximately 0.05 feet) layer of floating product was again present on the groundwater at the MW-1 monitoring well. Visually, this product appears to be the same type of hydrocarbon that was reported to the ECMC in October, 2024 and was present MW-1 during the October and January gauging events, but absent during the April, 2025 gauging event.

Ethylbenzene

COGCC Ethylbenzene remediation standard: 700 ppb

All units are parts per billion

Date Sample Collected

Well #	1/28/2020	5/15/2020	10/7/2020	1/14/2021	4/28/2021	7/15/2021	10/26/2021	1/28/2022	4/27/2022	7/22/2022	10/12/2022	1/19/2023	4/19/2023	7/20/2023	10/25/2023	1/23/2024	4/10/2024	7/31/2024	10/16&17/2024	1/23/2025	4/17/2025	
MW-1	1.2	13	BD	BD	BD	BD	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	342	269	1.8
MW-2	BD	BD	BD	BD	BD	BD	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-3	BD	BD	NR	NR	NR	NR	NR	BD	NR	NR	NR	NR	NR	NR	NR	NR	BD	NR	BD	BD	BD	BD
MW-4	BD	BD	BD	BD	BD	BD	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-5	NP	BD	NR	NR	NR	NR	NR	NR	BD	BD	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-6	NP	BD	NR	NR	NR	NR	NR	NR	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-7	NP	BD	NR	NR	NR	NR	NR	NR	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-8	NP	BD	BD	BD	BD	BD	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-9	NP	BD	NR	NR	NR	NR	NR	NR	BD	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-10	NP	BD	BD	BD	BD	BD	BD	BD	NR	NR	NR	NR	NR	NR	BD	NR	BD	NR	BD	NR	BD	BD
MW-12	NP	BD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	BD	NR	BD	NR	BD	BD

Notes

Note 1 MW-11 does not exist, was never installed.

Note 2 NR - not required by COGCC to be sampled and/or analyzed

Note 3 BD - concentration less than laboratory method detection limits for constituent

Note 4 NP - well did not exist at time of sampling

Note 5 NS - insufficient water present in well for sampling

Note 6 Floating product discovered at MW-1 during October, 2024 gauging event

Note 7 During the July, 2025 monitoring, a thin (approximately 0.05 feet) layer of floating product was again present on the groundwater at the MW-1 monitoring well. Visually, this product appears to be the same type of hydrocarbon that was reported to the ECMC in October, 2024 and was present MW-1 during the October and January gauging events, but absent during the April, 2025 gauging event.

Xylenes

COGCC Xylene remediation standard; 1,400-10,000 PPB

All units are parts per billion

Well #	Date Sample Collected																					
	1/28/2020	5/15/2020	10/7/2020	1/14/2021	4/28/2021	7/15/2021	10/26/2021	1/28/2022	4/27/2022	7/22/2022	10/12/2022	1/19/2023	4/19/2023	7/20/2023	10/25/2023	1/23/2024	4/10/2024	7/31/2024	10/16&17/2024	1/23/2025	4/17/2025	
MW-1	22	187	BD	BD	BD	BD	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	1880	1530	5.7
MW-2	BD	BD	BD	BD	BD	BD	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-3	BD	BD	NR	NR	NR	NR	NR	BD	NR	NR	NR	NR	NR	NR	NR	NR	BD	NR	BD	BD	BD	BD
MW-4	BD	BD	BD	BD	BD	BD	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-5	NP	BD	NR	NR	NR	NR	NR	NR	BD	BD	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-6	NP	BD	NR	NR	NR	NR	NR	NR	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-7	NP	BD	NR	NR	NR	NR	NR	NR	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-8	NP	BD	BD	BD	BD	BD	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-9	NP	BD	NR	NR	NR	NR	NR	NR	BD	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-10	NP	BD	BD	BD	BD	BD	BD	BD	NR	NR	NR	NR	NR	NR	BD	NR	BD	NR	BD	NR	BD	BD
MW-12	NP	BD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	BD	NR	BD	NR	BD	BD

Notes

Note 1 MW-11 does not exist, was never installed.

Note 2 NR - not required by COGCC to be sampled and/or analyzed

Note 3 BD - concentration less than laboratory method detection limits for constituent

Note 4 NP - well did not exist at time of sampling

Note 5 NS - insufficient water present in well for sampling

Note 6 Floating product discovered at MW-1 during October, 2024 gauging event

Note 7 During the July, 2025 monitoring, a thin (approximately 0.05 feet) layer of floating product was again present on the groundwater at the MW-1 monitoring well. Visually, this product appears to be the same type of hydrocarbon that was reported to the ECMC in October, 2024 and was present MW-1 during the October and January gauging events, but absent during the April, 2025 gauging event.

Napthalene

COGCC Napthalene remediation standard; 140 PPB

All units are parts per billion

Date Sample Collected

Well #	1/28/2020	5/15/2020	10/7/2020	1/14/2021	4/28/2021	7/15/2021	10/26/2021	1/28/2022	4/27/2022	7/22/2022	10/12/2022	1/19/2023	4/19/2023	7/20/2023	10/25/2023	1/23/2024	4/10/2024	7/31/2024	10/16&17/2024	1/23/2025	4/17/2025	
MW-1	NR	NR	NR	NR	NR	NR	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	3	BD
MW-2	NR	NR	NR	NR	NR	NR	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-3	NR	NR	NR	NR	NR	NR	NR	BD	NR	NR	NR	NR	NR	NR	NR	NR	BD	NR	BD	BD	BD	BD
MW-4	NR	NR	NR	NR	NR	NR	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-5	NP	NR	NR	NR	NR	NR	NR	NR	BD	BD	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-6	NP	NR	NR	NR	NR	NR	NR	NR	NS	NS	NS	BD	BD	BD	0.83	BD	BD	0.64	BD	BD	BD	BD
MW-7	NP	NR	NR	NR	NR	NR	NR	NR	BD	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-8	NP	NR	NR	NR	NR	NR	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-9	NP	NR	NR	NR	NR	NR	NR	NR	BD	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-10	NP	NR	NR	NR	NR	NR	BD	BD	NR	NR	NR	NR	NR	NR	BD	NR	BD	NR	BD	NR	BD	BD
MW-12	NP	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	BD	NR	BD	NR	BD	BD

Notes

Note 1 MW-11 does not exist, was never installed.

Note 2 NR - not required by COGCC to be sampled and/or analyzed

Note 3 BD - concentration less than laboratory method detection limits for constituent

Note 4 NP - well did not exist at time of sampling

Note 5 NS - insufficient water present in well for sampling

Note 6 Floating product discovered at MW-1 during October, 2024 gauging event

Note 7 During the July, 2025 monitoring, a thin (approximately 0.05 feet) layer of floating product was again present on the groundwater at the MW-1 monitoring well. Visually, this product appears to be the same type of hydrocarbon that was reported to the ECMC in October, 2024 and was present MW-1 during the October and January gauging events, but absent during the April, 2025 gauging event.

1,2,4 Trimethylbenzene

COGCC 1,2,4 Trimethylbenzene remediation standard; 67 PPB

All units are parts per billion

Date Sample Collected

Well #	1/28/2020	5/15/2020	10/7/2020	1/14/2021	4/28/2021	7/15/2021	10/26/2021	1/28/2022	4/27/2022	7/22/2022	10/12/2022	1/19/2023	4/19/2023	7/20/2023	10/25/2023	1/23/2024	4/10/2024	7/31/2024	10/16&17/2024	1/23/2025	4/17/2025	
MW-1	NR	NR	NR	NR	NR	NR	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	54	79	1.1
MW-2	NR	NR	NR	NR	NR	NR	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-3	NR	NR	NR	NR	NR	NR	NR	BD	NR	NR	NR	NR	NR	NR	NR	NR	BD	NR	BD	BD	BD	BD
MW-4	NR	NR	NR	NR	NR	NR	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	0.42	BD	0.35
MW-5	NP	NR	NR	NR	NR	NR	NR	NR	BD	BD	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-6	NP	NR	NR	NR	NR	NR	NR	NR	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	0.2	BD	BD	BD
MW-7	NP	NR	NR	NR	NR	NR	NR	NR	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	0.24	1.7	BD	BD
MW-8	NP	NR	NR	NR	NR	NR	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-9	NP	NR	NR	NR	NR	NR	NR	NR	BD	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
MW-10	NP	NR	NR	NR	NR	NR	BD	BD	NR	NR	NR	NR	NR	NR	BD	NR	BD	NR	BD	BD	BD	BD
MW-12	NP	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	BD	NR	BD	BD	BD	BD

Notes

Note 1 MW-11 does not exist, was never installed.

Note 2 NR - not required by COGCC to be sampled and/or analyzed

Note 3 BD - concentration less than laboratory method detection limits for constituent

Note 4 NP - well did not exist at time of sampling

Note 5 NS - insufficient water present in well for sampling

Note 6 Floating product discovered at MW-1 during October, 2024 gauging event

Note 7 During the July, 2025 monitoring, a thin (approximately 0.05 feet) layer of floating product was again present on the groundwater at the MW-1 monitoring well. Visually, this product appears to be the same type of hydrocarbon that was reported to the ECMC in October, 2024 and was present MW-1 during the October and January gauging events, but absent during the April, 2025 gauging event.

1,3,5 Trimethylbenzene

COGCC 1,3,5 Trimethylbenzene remediation standard; 67 PPB

All units are parts per billion

Date Sample Collected

Well #	1/28/2020	5/15/2020	10/7/2020	1/14/2021	4/28/2021	7/15/2021	10/26/2021	1/28/2022	4/27/2022	7/22/2022	10/12/2022	1/19/2023	4/19/2023	7/20/2023	10/25/2023	1/23/2024	4/10/2024	7/31/2024	10/16&17/2024	1/23/2025	4/17/2025	
MW-1	NR	NR	NR	NR	NR	NR	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	22	34	1.5	
MW-2	NR	NR	NR	NR	NR	NR	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	
MW-3	NR	NR	NR	NR	NR	NR	NR	BD	NR	NR	NR	NR	NR	NR	NR	NR	BD	NR	BD	BD	BD	
MW-4	NR	NR	NR	NR	NR	NR	NS	NS	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	0.26	0.25	0.58	BD
MW-5	NP	NR	NR	NR	NR	NR	NR	NR	BD	BD	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	
MW-6	NP	NR	NR	NR	NR	NR	NR	NR	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	
MW-7	NP	NR	NR	NR	NR	NR	NR	NR	BD	BD	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	
MW-8	NP	NR	NR	NR	NR	NR	NR	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	
MW-9	NP	NR	NR	NR	NR	NR	NR	NR	BD	NS	NS	NS	BD	BD	BD	BD	BD	BD	BD	BD	BD	
MW-10	NP	NR	NR	NR	NR	NR	NR	BD	BD	NR	NR	NR	NR	NR	BD	NR	BD	NR	NR	NR	BD	
MW-12	NP	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	BD	NR	NR	NR	BD	

Notes

Note 1 MW-11 does not exist, was never installed.

Note 2 NR - sample not collected/not required by COGCC to be sampled and/or analyzed

Note 3 BD - concentration less than laboratory method detection limits for constituent

Note 4 NP - well did not exist at time of sampling

Note 5 NS - insufficient water present in well for sampling

Note 6 Floating product discovered at MW-1 during October, 2024 gauging event

Note 7 During the July, 2025 monitoring, a thin (approximately 0.05 feet) layer of floating product was again present on the groundwater at the MW-1 monitoring well. Visually, this product appears to be the same type of hydrocarbon that was reported to the ECMC in October, 2024 and was present MW-1 during the October and January gauging events, but absent during the April, 2025 gauging event.

Chloride

COGCC Chloride standard;

250 ppm or <1.25 local background

All units are parts per million

Date Sample Collected

Well #	1/28/2020	5/16/2020	4/28/2021	4/10/2024
MW-1	34	31	25	54
MW-2	148	158	53	94
MW-3	36	21	52	27
MW-4	36	21	50	17
MW-5	NT	47	NT	116
MW-6	NT	97	NT	94
MW-7	NT	118	NT	83
MW-8	NT	28	40	26
MW-9	NT	37	NT	140
MW-10	NT	24	45	8
MW-12	NT	466	371	29

As of 4/10/2024, all wells meet Chloride standard

Notes

Note 1 MW-11 does not exist, was never installed.

Note 2 BD - concentration less than laboratory method detection limits for constituent

Note 3 NP - well did not exist at time of sampling

Note 4 NS - insufficient water present in well for sampling

Note 5 NT - not tested

Note 6 Floating product discovered at MW-1 during October, 2024 gauging event

Note 7 During the July, 2025 monitoring, a thin (approximately 0.05 feet) layer of floating product was again present on the groundwater at the MW-1 monitoring well. Visually, this product appears to be the same type of hydrocarbon that was reported to the ECMC in October, 2024 and was present MW-1 during the October and January gauging events, but absent during the April, 2025 gauging event.

Sulfate

COGCC Sulfate standard;
All units are parts per million

250 ppm or <1.25 local background

Well #	1/28/2020	5/16/2020	4/28/2021	4/10/2024
MW-1	357	326	440	1680
MW-2	338	303	679	2430
MW-3	961	931	1300	651
MW-4	439	222	1070	1190
MW-5	NT	263	NT	1750
MW-6	NT	382	NT	2410
MW-7	NT	358	NT	1190
MW-8	NT	565	1410	738
MW-9	NT	384	NT	761
MW-10	NT	205	1130	58
MW-12	NT	466	371	400

Notes

Note 1 MW-11 does not exist, was never installed.

Note 2 BD - concentration less than laboratory method detection limits for constituent

Note 3 NP - well did not exist at time of sampling

Note 4 NS - insufficient water present in well for sampling

Note 5 NT - not tested

Note 6 Floating product discovered at MW-1 during October, 2024 gauging event

Note 7 During the July, 2025 monitoring, a thin (approximately 0.05 feet) layer of floating product was again present on the groundwater at the MW-1 monitoring well. Visually, this product appears to be the same type of hydrocarbon that was reported to the ECMC in October, 2024 and was present MW-1 during the October and January gauging events, but absent during the April, 2025 gauging event.

TDS

COGCC TDS standard;

1.25 X local background

All units are parts per million

Date Sample Collected

Well #	1/28/2020	5/16/2020	4/28/2021	4/10/2024
MW-1	1160	1110	1190	3140
MW-2	1610	1690	1590	4420
MW-3	1990	881	2510	1560
MW-4	1300	881	2210	2200
MW-5	NT	1150	NT	3430
MW-6	NT	1380	NT	4000
MW-7	NT	1310	NT	2160
MW-8	NT	1370	2510	1630
MW-9	NT	1150	NT	1880
MW-10	NT	840	2240	246
MW-12	NT	1220	1050	1150

Notes

Note 1 MW-11 does not exist, was never installed.

Note 2 BD - concentration less than laboratory method detection limits for constituent

Note 3 NP - well did not exist at time of sampling

Note 4 NS - insufficient water present in well for sampling

Note 5 NT - not tested

Note 6 Floating product discovered at MW-1 during October, 2024 gauging event

Note 7 During the July, 2025 monitoring, a thin (approximately 0.05 feet) layer of floating product was again present on the groundwater at the MW-1 monitoring well. Visually, this product appears to be the same type of hydrocarbon that was reported to the ECMC in October, 2024 and was present MW-1 during the October and January gauging events, but absent during the April, 2025 gauging event.

Maudlin Gulch SVE System
 PID Summary Table
 PID data collected during SVE exhaust monitoring work.

Date Measured	PID (parts per million)	Flow (CFM)	SVE blower hour meter
8/26/2020	395	280	
9/11/2020	310	280	
10/7/2020	163	315	
1/14/2021	80	400	
4/26/2021	35.4	350	
5/26/2021	56	360	5994.2
6/10/2021	27.2	380	6306.5
7/14/2021	46	350	7098.8
8/6/2021	62	360	7641.6
9/7/2021	61	350	8374.4
10/26/2021	58	310	9512.5
11/22/2021	36	340	10063
12/20/2021	26	330	10725
1/27/2022	21	350	11529.1
2/22/2022	11	370	11950
3/30/2022	2	350	12438
4/26/2022	5	360	13071.9
5/26/2022	31	260	13609.8
6/15/2022	13	250	14054.5
7/22/2022	22	290	14831.2
8/29/2022	21	340	15464
9/28/2022	11	330	16039
10/11/2022	13	340	16328
1/19/2023	6	370	18622
2/28/2023	0	0	18665
3/29/2023	3	400	18713
4/19/2023	28	380	18889
5/23/2023	4	405	19435.7
6/29/2023	2	400	19855
7/19/2023	0.5	400	19941
10/24/2023	0	400	21657
1/23/2024	4.6	380	23701
2/12/2024	3.3	300	24130
3/14/2024	1	250	24626
4/9/2024	0.5	250	25001
5/29/2024	2	250	26050
6/13/2024	2.5	250	26263
7/31/2024	0.5	180	27126
8/13/2024	0.5	180	27419
9/23/2024	2	200	27440
10/17/2024	1	280	27948
11/7/2024	1	280	28083
12/16/2024	2	300	28373
1/23/2025	1	300	29262
2/13/2025	1	320	29631
3/17/2025	1	310	29909
4/16/2025	0	320	29929
7/29/2025	1.5	300	32358



*Environmental Chemistry Services, Inc.
755 South Perry Street, Suite 500
Castle Rock, CO 80104-1926
TEL: (303) 850-7606
Website: www.ecs-corp.com*

August 06, 2025

Dave Weinert
Wesco Operating, Inc.
120 South Durbin Street
Casper, WY 82601
TEL: (307) 577-5329

RE: Maud B

Order No.: 2508004

Dear Dave Weinert:

Environmental Chemistry Services, Inc. received 1 sample(s) on 8/4/2025 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report, 2508004, unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call or email.

TEL: (303) 850-7606
kris@ecs-corp.com

Sincerely,

A handwritten signature in dark ink, appearing to be "Kris Mascarenas", written in a cursive style.

Kris Mascarenas
Director of Client Services



Environmental Chemistry Services, Inc.
755 South Perry Street, Suite 500
Castle Rock, CO 80104-1926
TEL: (303) 850-7606
Website: www.ecs-corp.com

Case Narrative

WO#: 2508004
Date: 8/6/2025

CLIENT: Wesco Operating, Inc.

Project: Maud B

This report in its entirety consists of the documents listed below. All documents contain the Environmental Chemistry Services, Inc. Work Order Number assigned to this report.

1. Paginated Report including: A Cover Letter, Case Narrative, Analytical Results, and Applicable Quality Control Reports.
2. Copies of the Chain of Custody Document(s) supplied with this sample set.
3. Electronic Data Deliverables (EDD) if requested.

Samples were analyzed in accordance with "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air Third Edition." The method used is the Compendium Method TO-15A for the Determination of Volatile Organic Compounds (VOCs) in air collected in specially prepared canisters and analyzed by Gas Chromatography/Mass Spectrometry (GC/MS).

REF:

Center for Environmental Research Information
Office of Research and Development
U.S. Environmental Protection Agency
Cincinnati, OH 45268
September 2019

Any comments or problems with the analytical events associated with this report are noted below.

Environmental Chemistry Services, Inc.

Date: 04-Nov-25

Client: Wesco Operating, Inc.
 Work Order: 2508004
 Project: Maud B
 Lab ID: 2508004-01A

Client Sample ID: SVE Exhaust
 Canister ID: 0926
 Collection Date: 7/29/2025 12:41:00 PM
 Matrix: AIR

Analyte	Result	RL	Qual	Units	DF	Date Analyzed
BTEX/HEXANE AND TVPH (GRO)		Method: TO-15A				Analyst: TSM
TVPH	0.0023	0.00082		mg/L	1	8/5/2025 2:04:00 PM
Benzene	0.000025	0.00000032		mg/L	1	8/5/2025 2:04:00 PM
Ethylbenzene	0.000015	0.00000043		mg/L	1	8/5/2025 2:04:00 PM
Toluene	0.000029	0.00000038		mg/L	1	8/5/2025 2:04:00 PM
Xylenes, Total	0.00012	0.00000039		mg/L	1	8/5/2025 2:04:00 PM
Hexane	0.000012	0.00000032		mg/L	1	8/5/2025 2:04:00 PM
Surr: 1,2-Dichloroethane-d4	99.2	70-130		%Rec	1	8/5/2025 2:04:00 PM
Surr: Toluene-d8	101	70-130		%Rec	1	8/5/2025 2:04:00 PM
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	8/5/2025 2:04:00 PM

Qualifiers	B	Analyte detected in Method Blank	D	Dilution was required
Definitions:	DF	Dilution Factor	E	Value above Upper Quantitation Limit (UQL)
	H	Holding time exceeded	N	Tentatively Identified Compounds (Values are estimated)
	ND	Not Detected at or above RL	RL	Reporting Limit
	S	Surrogate % Recovery outside limits	Surr	Surrogate Standard



Environmental Chemistry Services, Inc.
 755 South Perry Street, Suite 500
 Castle Rock, CO 80104-1926
 TEL: (303) 850-7606
 Website: www.ecs-corp.com

QC SUMMARY REPORT

Work Order: 2508004
 04-Nov-25

Client: Wesco Operating, Inc.
Project: Maud B

BatchID: R10347

Sample ID: LCS	SampType: LCS	TestCode: BTEX_A	Units: mg/L	Prep Date: 8/5/2025	RunNo: 10347						
Client ID: LCSW	Batch ID: R10347	TestNo: TO-15A		Analysis Date: 8/5/2025	SeqNo: 123040						
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.000016	0.00000032	0.000016	ND	99.8	70	130				
Ethylbenzene	0.000021	0.00000043	0.000022	ND	98.6	70	130				
Toluene	0.000019	0.00000038	0.000019	ND	98.8	70	130				
Xylenes, Total	0.000064	0.00000039	0.000065	ND	98.5	70	130				
Hexane	0.000018	0.00000032	0.000018	ND	99.6	70	130				
Surr: 1,2-Dichloroethane-d4	5.1		5.000	ND	102	70	130				
Surr: 4-Bromofluorobenzene	5.0		5.000	ND	99.8	70	130				
Surr: Toluene-d8	5.0		5.000	ND	99.8	70	130				

Sample ID: LCS	SampType: LCS	TestCode: BTEX_A	Units: mg/L	Prep Date: 8/5/2025	RunNo: 10347						
Client ID: LCSW02	Batch ID: R10347	TestNo: TO-15A		Analysis Date: 8/5/2025	SeqNo: 123041						
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.000016	0.00000032	0.000016	ND	99.2	70	130	4.99	0.603	30	
Ethylbenzene	0.000021	0.00000043	0.000022	ND	98.6	70	130	4.93	0	30	
Toluene	0.000018	0.00000038	0.000019	ND	95.4	70	130	4.94	3.50	30	
Xylenes, Total	0.000063	0.00000039	0.000065	ND	97.4	70	130	14.77	1.09	30	
Hexane	0.000017	0.00000032	0.000018	ND	98.6	70	130	4.98	1.01	30	
Surr: 1,2-Dichloroethane-d4	5.0		5.000	ND	100	70	130	5.08	0	30	
Surr: 4-Bromofluorobenzene	5.0		5.000	ND	100	70	130	4.99	0	30	
Surr: Toluene-d8	5.0		5.000	ND	100	70	130	4.99	0	30	

Qualifiers: ND Not Detected at or above RL
 S Surrogate % Recovery outside limits

R Relative Percent Difference (RPD) outside limits
 SPK Spike Value

RL Reporting Limit
 Surr Surrogate Standard



Environmental Chemistry Services, Inc.
 755 South Perry Street, Suite 500
 Castle Rock, CO 80104-1926
 TEL: (303) 850-7606
 Website: www.ecs-corp.com

QC SUMMARY REPORT

Work Order: 2508004
 04-Nov-25

Client: Wesco Operating, Inc.
Project: Maud B

BatchID: R10347

Sample ID: MBLK	SampType: MBLK	TestCode: BTEX_A	Units: mg/L	Prep Date: 8/5/2025	RunNo: 10347						
Client ID: PBW	Batch ID: R10347	TestNo: TO-15A		Analysis Date: 8/5/2025	SeqNo: 123042						
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TVPH	ND	0.00082	0	ND							
Benzene	ND	0.0000032	0	ND							
Ethylbenzene	ND	0.0000043	0	ND							
Toluene	ND	0.0000038	0	ND							
Xylenes, Total	ND	0.0000039	0	ND							
Hexane	ND	0.0000032	0	ND							
Surr: 1,2-Dichloroethane-d4	4.9		5.000	ND		98.6	70	130			
Surr: 4-Bromofluorobenzene	4.9		5.000	ND		97.6	70	130			
Surr: Toluene-d8	4.9		5.000	ND		98.6	70	130			

Sample ID: TVPH LCS	SampType: LCS	TestCode: BTEX_A	Units: mg/L	Prep Date: 8/5/2025	RunNo: 10347						
Client ID: LCSW	Batch ID: R10347	TestNo: TO-15A		Analysis Date: 8/5/2025	SeqNo: 123043						
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TVPH	0.010	0.00082	0.010	ND		97.6	70	130			

Sample ID: TVPH LCSW	SampType: LCSW	TestCode: BTEX_A	Units: mg/L	Prep Date: 8/5/2025	RunNo: 10347						
Client ID: LCSW02	Batch ID: R10347	TestNo: TO-15A		Analysis Date: 8/5/2025	SeqNo: 123044						
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TVPH	0.010	0.00082	0.010	ND		99.5	70	2439.44	1.99	30	

Qualifiers: ND Not Detected at or above RL
 S Surrogate % Recovery outside limits

R Relative Percent Difference (RPD) outside limits
 SPK Spike Value

RL Reporting Limit
 Surr Surrogate Standard



755 South Perry Street, Suite 500
 Castle Rock, CO 80104
 Phone: 303.850.7606
 www.ecs-corp.com

Chain of Custody Record (COC)

PROJECT INFORMATION		ANALYSES REQUESTED		TURN-AROUND TIME (TAT)	REMARKS	QUOTE NUMBER:
Project Number: <i>maud B</i>	Project Name: <i>Dave Weinert</i>	ANALYSES REQUESTED <i>X-BTEX</i> <i>X-TUPT</i> <i>X-N-HKAS</i>		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Same Day <input type="checkbox"/> Next Day <input type="checkbox"/> Two Day <input type="checkbox"/> Three Day <input type="checkbox"/> Other		<i>1068</i>
Report To: <i>Dave Weinert</i>	Telephone: <i>303-877-5329</i>	NUMBER OF CONTAINERS		<input type="checkbox"/> Standard <input type="checkbox"/> Same Day <input type="checkbox"/> Next Day <input type="checkbox"/> Two Day <input type="checkbox"/> Three Day <input type="checkbox"/> Other		Work Order Number: (for lab use only) <i>W02508004</i>
E-Mail:	SAMPLE NUMBER / IDENTIFICATION <i>SVEP0001</i>	Date <i>7/29/05</i>	Time <i>12:41pm</i>	Matrix* <i>A</i>	CONTAINER ID <i>0926</i>	REMARKS
						LAB # <i>1</i>

Shipment Method:		Airbill Number:	
SIGNATURE	PRINT NAME	COMPANY	TIME
<i>[Signature]</i>	<i>Daniel Harshfield</i>	<i>wesco operating INC.</i>	<i>7/29/05 6:45pm</i>
<i>[Signature]</i>	<i>[Signature]</i>	<i>UPCS</i>	<i>7:29:25 6:45 pm</i>
<i>[Signature]</i>	<i>[Signature]</i>	<i>UPCS</i>	<i>8:4:25 10:00</i>
<i>[Signature]</i>	<i>[Signature]</i>	<i>UPCS</i>	<i>8:4:25 10:00</i>

*Matrix Key : AQ = Aqueous AR = Air SO = Soil WA = Waste OT = Other
 **Container Key: A = Amber B = Brass C = Clear Glass P = Plastic S = Soil Jar SU = Summa PF = PUF T = Tedlar TU = Tube OT = Other
 Preservative: H = HCl N = Nitric SF = Sulfuric
 T = Tedlar TU = Tube OT = Other

TABLE 1

**EMISSIONS ESTIMATE SUMMARY
MAUDLIN GULCH
MOFFAT COUNTY, COLORADO
WESCO OPERATING INC.**

Sample Information and Lab Analysis									
Date	Total Flow (cf)	Delta Flow (cf)	Benzene (ug/l)	Toluene (ug/l)	Ethyl Benzene (ug/l)	Xylenes (ug/l)	N-Hexane (ug/l)	VOCs TVPH (ug/l)	PID (ppm)
08/26/20	100,800	100,800	0.99	0.50	0.50	0.50	NA	48	180
09/11/20	6,484,800	6,384,000	0.20	0.19	0.28	1.30	NA	3,290	310
10/07/20	16,520,700	10,035,900	0.50	0.28	0.55	2.70	NA	2,120	163
01/14/21	69,020,700	52,500,000	1.00	1.00	1.00	1.00	NA	519	80
04/29/21	116,121,600	47,100,900	0.013	0.100	0.010	0.050	0.550	96	35.4
07/19/21	132,759,900	16,638,300	0.011	0.014	0.023	0.150	0.360	82	46
10/26/21	153,928,560	21,168,660	0.0073	0.0860	0.0062	0.0390	0.0850	74	58
01/27/22	170,814,660	16,886,100	2.40E-03	3.20E-02	8.10E-03	1.30E-02	0.130	29	21
04/26/22	184,506,900	13,692,240	5.60E-03	4.00E-02	2.70E-02	1.30E-01	0.320	10	5
07/22/22	192,898,140	8,391,240	1.80E-02	1.80E-02	7.50E-03	3.50E-02	0.220	66	22
10/11/22	206,005,740	13,107,600	3.10E-03	1.50E-02	8.30E-03	3.50E-02	0.19	32	13
01/19/23	222,891,840	16,886,100	3.50E-02	2.00E-01	1.00E-01	3.90E-01	0.90	82	6
04/19/23	232,235,820	9,343,980	4.00E-01	2.70	6.90E-01	3.50	32.00	540	28
07/20/23	242,483,820	10,248,000	7.10E-03	1.40E-02	1.20E-01	4.00E-01	0.35	16	0.5
10/25/23	248,379,420	5,895,600	1.60E-03	4.50E-03	9.10E-04	4.50E-03	0.021	1.2	2
01/23/24	256,770,660	8,391,240	2.50E-02	1.90E-01	3.40E-02	1.20E-01	1.40	42	5
04/10/24	263,441,160	6,670,500	2.40E-03	1.20E-02	5.80E-03	2.50E-02	0.38	4.3	0.5
07/31/24	276,955,740	13,514,580	1.60E-03	8.10E-03	2.50E-03	1.30E-02	0.32	3.7	0.5
10/17/24	289,864,860	12,909,120	9.30E-04	4.00E-03	9.70E-03	6.00E-02	0.11	5.3	NA
01/23/25	301,249,860	11,385,000	1.30E-03	6.60E-03	1.30E-03	7.10E-03	4.30E-03	1.1	1.0
04/17/25	310,225,860	8,976,000	7.70E-04	7.80E-03	3.10E-02	2.40E-01	7.40E-03	1.7	0.0
07/24/25	311,128,860	903,000	2.50E-03	2.90E-02	1.50E-02	1.20E-01	1.20E-03	2.3	1.5

TABLE 1

**EMISSIONS ESTIMATE SUMMARY
MAUDLIN GULCH
MOFFAT COUNTY, COLORADO
WESCO OPERATING INC.**

Emission Calculations													
Date	Flow Rate (cfm)	Benzene (lb/hr)	Benzene Average Rate (lb/hr)	Toluene (lb/hr)	Toluene Average Rate (lb/hr)	Ethyl Benzene (lb/hr)	Ethyl Benzene Average Rate (lb/hr)	Xylenes (lb/hr)	Xylenes Average Rate (lb/hr)	N-Hexane (lb/hr)	N-Hexane Average Rate (lb/hr)	VOCs TVPH (lb/hr)	VOC Average Rate (lb/hr)
08/26/20	280	1.04E-03	1.04E-03	5.23E-04	5.23E-04	5.23E-04	5.23E-04	5.23E-04	5.23E-04	NA	NA	0.05024	0.05
09/11/20	280	2.09E-04	6.23E-04	1.99E-04	3.61E-04	2.93E-04	4.08E-04	1.36E-03	9.42E-04	NA	NA	3.44325	1.75
10/07/20	315	5.89E-04	3.99E-04	3.30E-04	2.64E-04	6.48E-04	4.70E-04	3.18E-03	2.27E-03	NA	NA	2.49610	2.97
01/14/21	400	1.50E-03	1.04E-03	1.50E-03	9.12E-04	1.50E-03	1.07E-03	1.50E-03	2.34E-03	NA	NA	0.77596	1.64
04/29/21	350	1.70E-05	7.56E-04	1.31E-04	8.13E-04	1.31E-05	7.54E-04	6.54E-05	7.80E-04	7.20E-04	7.20E-04	0.12559	0.45
05/26/21	360	1.75E-05	1.72E-05	1.35E-04	1.33E-04	1.35E-05	1.33E-05	6.73E-05	6.63E-05	7.40E-04	7.30E-04	0.12918	0.13
06/10/21	380	1.85E-05	1.80E-05	1.42E-04	1.38E-04	1.42E-05	1.38E-05	7.10E-05	6.91E-05	7.81E-04	7.61E-04	0.13635	0.13
07/14/21	350	1.44E-05	1.64E-05	1.83E-05	8.02E-05	3.01E-05	2.21E-05	1.96E-04	1.34E-04	4.71E-04	6.26E-04	0.10727	0.12
08/06/21	360	1.48E-05	1.46E-05	1.88E-05	1.86E-05	3.09E-05	3.05E-05	2.02E-04	1.99E-04	4.84E-04	4.78E-04	0.11034	0.11
09/07/21	350	1.44E-05	1.46E-05	1.83E-05	1.86E-05	3.01E-05	3.05E-05	1.96E-04	1.99E-04	4.71E-04	4.78E-04	0.10727	0.11
10/26/21	310	8.46E-06	1.14E-05	9.96E-05	5.90E-05	7.18E-06	1.86E-05	4.52E-05	1.21E-04	9.85E-05	2.85E-04	0.08574	0.10
11/22/21	340	9.28E-06	8.87E-06	1.09E-04	1.04E-04	7.88E-06	7.53E-06	4.96E-05	4.74E-05	1.08E-04	1.03E-04	0.09404	0.09
12/20/21	330	9.00E-06	9.14E-06	1.06E-04	1.08E-04	7.65E-06	7.76E-06	4.81E-05	4.88E-05	1.05E-04	1.06E-04	0.09128	0.09
01/27/22	350	3.14E-06	6.07E-06	4.19E-05	7.40E-05	1.06E-05	9.12E-06	1.70E-05	3.26E-05	1.70E-04	1.37E-04	0.03794	0.06
02/22/22	370	3.32E-06	3.23E-06	4.43E-05	4.31E-05	1.12E-05	1.09E-05	1.80E-05	1.75E-05	1.80E-04	1.75E-04	0.04011	0.04
03/30/22	350	3.14E-06	3.23E-06	4.19E-05	4.31E-05	1.06E-05	1.09E-05	1.70E-05	1.75E-05	1.70E-04	1.75E-04	0.03794	0.04
04/26/22	360	7.54E-06	5.34E-06	5.38E-05	4.78E-05	3.63E-05	2.35E-05	1.75E-04	9.60E-05	4.31E-04	3.00E-04	0.01332	0.03
05/26/22	260	5.44E-06	6.49E-06	3.89E-05	4.63E-05	2.62E-05	3.13E-05	1.26E-04	1.51E-04	3.11E-04	3.71E-04	0.00962	0.01
06/15/22	250	5.23E-06	5.34E-06	3.74E-05	3.81E-05	2.52E-05	2.57E-05	1.21E-04	1.24E-04	2.99E-04	3.05E-04	0.00925	0.01
07/22/22	290	1.95E-05	1.24E-05	1.95E-05	2.84E-05	8.13E-06	1.67E-05	3.79E-05	7.97E-05	2.38E-04	2.69E-04	0.07154	0.04
08/29/22	340	2.29E-05	2.12E-05	2.29E-05	2.12E-05	9.53E-06	8.83E-06	4.45E-05	4.12E-05	2.80E-04	2.59E-04	0.08388	0.08
09/28/22	330	2.22E-05	2.25E-05	2.22E-05	2.25E-05	9.25E-06	9.39E-06	4.32E-05	4.38E-05	2.71E-04	2.75E-04	0.08141	0.08
10/11/22	340	3.94E-06	1.31E-05	1.91E-05	2.06E-05	1.05E-05	9.90E-06	4.45E-05	4.38E-05	2.41E-04	2.56E-04	0.04067	0.06
11/30/22	350	4.06E-06	4.00E-06	1.96E-05	1.93E-05	1.09E-05	1.07E-05	4.58E-05	4.51E-05	2.49E-04	2.45E-04	0.04186	0.04
12/29/22	340	3.94E-06	4.00E-06	1.91E-05	1.93E-05	1.05E-05	1.07E-05	4.45E-05	4.51E-05	2.41E-04	2.45E-04	0.04067	0.04
01/19/23	370	4.84E-05	2.62E-05	2.77E-04	1.48E-04	1.38E-04	7.44E-05	5.39E-04	2.92E-04	1.24E-03	7.43E-04	0.11340	0.08
02/28/23	0	0.00E+00	2.42E-05	0.00E+00	1.38E-04	0.00E+00	6.91E-05	0.00E+00	2.70E-04	0.00E+00	6.22E-04	0.00000	0.06
03/29/23	400	5.23E-05	2.62E-05	2.99E-04	1.50E-04	1.50E-04	7.48E-05	5.83E-04	2.92E-04	1.35E-03	6.73E-04	0.12260	0.06
04/19/23	380	5.68E-04	3.10E-04	3.83E-03	2.07E-03	9.80E-04	5.65E-04	4.97E-03	2.78E-03	4.55E-02	2.34E-02	0.76699	0.44
05/23/23	405	6.06E-04	5.87E-04	4.09E-03	3.96E-03	1.04E-03	1.01E-03	5.30E-03	5.13E-03	4.84E-02	4.69E-02	8.17E-01	0.79
06/29/23	400	5.98E-04	6.02E-04	4.04E-03	4.06E-03	1.03E-03	1.04E-03	5.23E-03	5.27E-03	4.78E-02	4.81E-02	8.07E-01	0.81
07/20/23	400	1.06E-05	3.04E-04	2.09E-05	2.03E-03	1.79E-04	6.06E-04	5.98E-04	2.92E-03	5.23E-04	2.42E-02	2.39E-02	0.42
08/25/23	400	1.06E-05	1.06E-05	2.09E-05	2.09E-05	1.79E-04	1.79E-04	5.98E-04	5.98E-04	5.23E-04	5.23E-04	2.39E-02	2.39E-02
09/27/23	400	1.06E-05	1.06E-05	2.09E-05	2.09E-05	1.79E-04	1.79E-04	5.98E-04	5.98E-04	5.23E-04	5.23E-04	2.39E-02	2.39E-02
10/24/23	400	2.39E-06	6.50E-06	6.73E-06	1.38E-05	1.36E-06	9.04E-05	6.73E-06	3.02E-04	3.14E-05	2.77E-04	1.79E-03	1.29E-02
11/15/23	370	2.21E-06	2.30E-06	6.22E-06	6.48E-06	1.26E-06	1.31E-06	6.22E-06	6.48E-06	2.90E-05	3.02E-05	1.66E-03	1.73E-03
12/11/23	380	2.27E-06	2.24E-06	6.39E-06	6.31E-06	1.29E-06	1.28E-06	6.39E-06	6.31E-06	2.98E-05	2.94E-05	0.00170	1.68E-03
01/23/24	380	3.55E-05	1.89E-05	2.70E-04	1.38E-04	4.83E-05	2.48E-05	1.70E-04	8.84E-05	1.99E-03	1.01E-03	0.05966	3.07E-02
02/12/24	300	2.80E-05	3.18E-05	2.13E-04	2.41E-04	3.81E-05	4.32E-05	1.35E-04	1.53E-04	1.57E-03	1.78E-03	0.04710	5.34E-02
03/14/24	250	2.34E-05	2.57E-05	1.78E-04	1.95E-04	3.18E-05	3.49E-05	1.12E-04	1.23E-04	1.31E-03	1.44E-03	3.92E-02	4.32E-02
04/10/24	250	2.24E-06	1.28E-05	1.12E-05	9.44E-05	5.42E-06	1.86E-05	2.34E-05	6.77E-05	3.55E-04	8.32E-04	4.02E-03	2.16E-02
04/30/24	250	2.24E-06	2.24E-06	1.12E-05	1.12E-05	5.42E-06	5.42E-06	2.34E-05	2.34E-05	3.55E-04	3.55E-04	4.02E-03	4.02E-03
05/29/24	250	2.24E-06	2.24E-06	1.12E-05	1.12E-05	5.42E-06	5.42E-06	2.34E-05	2.34E-05	3.55E-04	3.55E-04	4.02E-03	4.02E-03
06/13/24	250	2.24E-06	2.24E-06	1.12E-05	1.12E-05	5.42E-06	5.42E-06	2.34E-05	2.34E-05	3.55E-04	3.55E-04	4.02E-03	4.02E-03
07/31/24	180	1.08E-06	1.66E-06	5.45E-06	8.33E-06	1.68E-06	3.55E-06	8.75E-06	1.61E-05	2.15E-04	2.85E-04	2.49E-03	3.25E-03
08/13/24	180	1.08E-06	1.08E-06	5.45E-06	5.45E-06	1.68E-06	1.68E-06	8.75E-06	8.75E-06	2.15E-04	2.15E-04	2.49E-03	2.49E-03
09/23/24	200	1.20E-06	1.14E-06	6.06E-06	5.75E-06	1.87E-06	1.78E-06	9.72E-06	9.23E-06	2.39E-04	2.27E-04	2.77E-03	2.63E-03
10/17/24	280	9.73E-07	1.08E-06	4.19E-06	5.12E-06	1.02E-05	6.01E-06	6.28E-05	3.63E-05	1.15E-04	1.77E-04	5.55E-03	4.16E-03
11/07/24	280	9.73E-07	9.73E-07	4.19E-06	4.19E-06	1.02E-05	1.02E-05	6.28E-05	6.28E-05	1.15E-04	1.15E-04	5.55E-03	5.55E-03
12/16/24	300	1.04E-06	1.01E-06	4.49E-06	4.34E-06	1.09E-05	1.05E-05	6.73E-05	6.50E-05	1.23E-04	1.19E-04	5.94E-03	5.74E-03
01/23/25	300	1.46E-06	1.25E-06	7.40E-06	5.94E-06	1.46E-06	6.17E-06	7.96E-06	3.76E-05	4.82E-06	6.41E-05	1.23E-03	3.59E-03
02/13/25	320	1.55E-06	1.51E-06	7.89E-06	7.65E-06	1.55E-06	1.51E-06	8.49E-06	8.23E-06	5.14E-06	4.98E-06	1.32E-03	1.27E-03
03/17/25	310	1.51E-06	1.53E-06	7.65E-06	7.77E-06	1.51E-06	1.53E-06	8.23E-06	8.36E-06	4.98E-06	5.06E-06	1.27E-03	1.30E-03
04/16/25	320	9.21E-07	1.21E-06	9.33E-06	8.49E-06	3.71E-05	1.93E-05	2.87E-04	1.48E-04	8.85E-06	6.92E-06	2.03E-03	1.65E-03
05/28/25	330	9.50E-07	9.35E-07	9.62E-06	9.48E-06	3.82E-05	3.77E-05	2.96E-04	2.92E-04	9.13E-06	8.99E-06	2.10E-03	2.07E-03
06/12/25	330	9.50E-07	9.50E-07	9.62E-06	9.62E-06	3.82E-05	3.82E-05	2.96E-04	2.96E-04	9.13E-06	9.13E-06	2.10E-03	2.10E-03
07/28/25	300	2.80E-06	1.88E-06	3.25E-05	2.11E-05	1.68E-05	2.75E-05	1.35E-04	2.15E-04	1.35E-06	5.24E-06	2.58E-03	2.34E-03

TABLE 1

**EMISSIONS ESTIMATE SUMMARY
MAUDLIN GULCH
MOFFATT COUNTY, COLORADO
WESCO OPERATING INC.**

Date	Total Operational Hours	Delta Hours	Pounds/Tons emitted over total operating time										TVPH (tons)	Cumulative TVPH (tons)			
			Benzene (lbs)	Cumulative Benzene (lbs)	Toluene (lbs)	Cumulative Toluene (lbs)	Ethyl Benzene (lbs)	Cumulative Ethylbenzene (lbs)	Xylenes (lbs)	Cumulative Xylenes (lbs)	N-Hexane (lbs)	Cumulative N-Hexane (lbs)					
08/26/20																	
08/26/20	26	6	0.0062	0.0062	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031
09/11/20	406	380	0.2366	0.2428	0.1372	0.1403	0.1551	0.1582	0.3579	0.3611	NA	NA	0.3319	0.3320	0.3319	0.3320	0.3320
10/07/20	937	531	0.2119	0.4547	0.1403	0.2807	0.2497	0.4080	1.2052	1.5663	NA	NA	0.7884	1.1205	0.7884	1.1205	1.1205
01/14/21	3,125	2,188	2.2792	2.7339	1.9959	2.2765	2.3436	2.7515	5.1123	6.6786	NA	NA	1.7894	2.9099	1.7894	2.9099	2.9099
04/26/21	5,367.4	2,243	1.6958	4.4297	1.8234	4.0999	1.6914	4.4429	1.7501	8.4287	1.6138	1.6138	0.5055	3.4154	0.5055	3.4154	3.4154
05/26/21	5,994.2	627	0.0108	4.4405	0.0832	4.1831	0.0083	4.4512	0.0416	8.4703	0.4639	2.0777	0.0399	3.4553	0.0399	3.4553	3.4553
06/10/21	6,306.5	312	0.0056	4.4461	0.0432	4.2263	0.0043	4.4555	0.0216	8.4919	0.2440	2.3217	0.0207	3.4761	0.0207	3.4761	3.4761
07/14/21	7,098.8	792	0.0130	4.4591	0.0635	4.2898	0.0175	4.4731	0.1059	8.5977	0.3731	2.6948	0.0483	3.5243	0.0483	3.5243	3.5243
08/06/21	7,641.6	543	0.0079	4.4670	0.0101	4.2999	0.0166	4.4897	0.1080	8.7058	0.2629	2.9578	0.0295	3.5539	0.0295	3.5539	3.5539
09/07/21	8,374.4	733	0.0107	4.4777	0.0136	4.3135	0.0224	4.5120	0.1459	8.8516	0.3451	3.3029	0.0399	3.5937	0.0399	3.5937	3.5937
10/26/21	9,512.5	1,138	0.0130	4.4907	0.0671	4.3806	0.0212	4.5332	0.1374	8.9890	0.1121	3.4150	0.0549	3.6486	0.0549	3.6486	3.6486
11/22/21	10,063.0	551	0.0049	4.4956	0.0575	4.4382	0.0041	4.5374	0.0261	9.0151	0.0595	3.4744	0.0247	3.6734	0.0247	3.6734	3.6734
12/20/21	10,725.0	662	0.0061	4.5017	0.0713	4.5094	0.0051	4.5425	0.0323	9.0474	0.0694	3.5438	0.0307	3.7041	0.0307	3.7041	3.7041
01/27/22	11,529.1	804	0.0049	4.5065	0.0595	4.5689	0.0073	4.5499	0.0262	9.0736	0.1368	3.6806	0.0260	3.7300	0.0260	3.7300	3.7300
02/22/22	11,950.0	421	0.0014	4.5079	0.0181	4.5871	0.0046	4.5544	0.0074	9.0810	0.0757	3.7563	0.0082	3.7382	0.0082	3.7382	3.7382
03/30/22	12,438.0	488	0.0016	4.5095	0.0210	4.6081	0.0053	4.5598	0.0085	9.0895	0.0830	3.8393	0.0095	3.7478	0.0095	3.7478	3.7478
04/26/22	13,071.9	634	0.0034	4.5129	0.0303	4.6384	0.0149	4.5746	0.0608	9.1503	0.2730	4.1122	0.0081	3.7559	0.0081	3.7559	3.7559
5/26/22	13,609.8	538	0.0035	4.5164	0.0249	4.6633	0.0168	4.5915	0.0810	9.2313	0.1673	4.2795	0.0031	3.7590	0.0031	3.7590	3.7590
6/15/22	14,054.5	445	0.0024	4.5187	0.0170	4.6803	0.0114	4.6029	0.0551	9.2864	0.1330	4.4125	0.0021	3.7611	0.0021	3.7611	3.7611
7/22/22	14,831.2	777	0.0096	4.5283	0.0221	4.7024	0.0130	4.6159	0.0619	9.3484	0.1852	4.5977	0.0157	3.7768	0.0157	3.7768	3.7768
8/29/22	15,464.0	633	0.0134	4.5417	0.0134	4.7158	0.0056	4.6214	0.0261	9.3744	0.1769	4.7746	0.0246	3.8013	0.0246	3.8013	3.8013
9/28/22	16,039.0	575	0.0130	4.5547	0.0130	4.7287	0.0054	4.6268	0.0252	9.3996	0.1560	4.9306	0.0238	3.8251	0.0238	3.8251	3.8251
10/11/22	16,328.0	289	0.0038	4.5585	0.0060	4.7347	0.0029	4.6297	0.0127	9.4123	0.0698	5.0004	0.0088	3.8339	0.0088	3.8339	3.8339
11/30/22	17,489.0	1,161	0.0046	4.5631	0.0225	4.7572	0.0124	4.6421	0.0524	9.4647	0.2886	5.2890	0.0240	3.8579	0.0240	3.8579	3.8579
12/29/22	18,182.0	693	0.0028	4.5659	0.0134	4.7706	0.0074	4.6496	0.0313	9.4960	0.1673	5.4563	0.0143	3.8722	0.0143	3.8722	3.8722
1/19/23	18,622.0	440	0.0115	4.5774	0.0650	4.8356	0.0327	4.6823	0.1284	9.6244	0.5477	6.0040	0.0169	3.8891	0.0169	3.8891	3.8891
2/28/23	18,665.0	43	0.0010	4.5785	0.0059	4.8416	0.0030	4.6853	0.0116	9.6360	0.0000	6.0040	0.0012	3.8903	0.0012	3.8903	3.8903
3/29/23	18,713.0	48	0.0013	4.5797	0.0072	4.8487	0.0036	4.6889	0.0140	9.6500	0.0646	6.0686	0.0015	3.8918	0.0015	3.8918	3.8918
4/19/23	18,889.0	176	0.0546	4.6343	0.3638	5.2125	0.0994	4.7883	0.4888	10.1388	7.9995	14.0681	0.0391	3.9310	0.0391	3.9310	3.9310
5/23/23	19,435.7	547	0.3208	4.9551	2.1655	7.3781	0.5534	5.3417	2.8072	12.9460	26.4831	40.5512	0.2166	4.1475	0.2166	4.1475	4.1475
6/29/23	19,855.0	419	0.2523	5.2075	1.7032	9.0813	0.4353	5.7769	2.2079	15.1539	20.0609	60.6120	0.1703	4.3178	0.1703	4.3178	4.3178
7/20/23	19,941.0	86	0.0262	5.2336	0.1745	9.2558	0.0521	5.8290	0.2507	15.4046	0.0450	60.6570	0.0179	4.3357	0.0179	4.3357	4.3357
8/25/23	20,761.0	820	0.0087	5.2423	0.0172	9.2729	0.1471	5.9761	0.4904	15.8950	0.4291	61.0861	0.0098	4.3455	0.0098	4.3455	4.3455
9/27/23	21,457.0	696	0.0074	5.2497	0.0146	9.2875	0.1249	6.1010	0.4162	16.3112	0.3642	61.4503	0.0083	4.3538	0.0083	4.3538	4.3538
10/24/23	21,657.0	200	0.0013	5.2510	0.0028	9.2903	0.0181	6.1191	0.0605	16.3717	0.0063	61.4566	0.0013	4.3551	0.0013	4.3551	4.3551
11/15/23	22,139.0	482	0.0011	5.2521	0.0031	9.2934	0.0006	6.1197	0.0031	16.3748	0.0140	61.4706	0.0004	4.3555	0.0004	4.3555	4.3555
12/11/23	22,800.0	661	0.0015	5.2536	0.0042	9.2976	0.0008	6.1206	0.0042	16.3790	0.0197	61.4903	0.0006	4.3561	0.0006	4.3561	4.3561
1/23/24	23,701.0	901	0.0170	5.2706	0.1245	9.4220	0.0223	6.1429	0.0797	16.4587	1.7916	63.2820	0.0138	4.3699	0.0138	4.3699	4.3699
2/12/24	24,130.0	429	0.0136	5.2843	0.1036	9.5256	0.0185	6.1614	0.0654	16.5241	0.6735	63.9554	0.0114	4.3814	0.0114	4.3814	4.3814
3/14/24	24,626.0	496	0.0127	5.2970	0.0969	9.6225	0.0173	6.1788	0.0612	16.5853	0.6489	64.6043	0.0107	4.3921	0.0107	4.3921	4.3921
4/10/24	25,001.0	375	0.0048	5.3018	0.0354	9.6579	0.0070	6.1857	0.0254	16.6107	0.1332	64.7375	0.0041	4.3961	0.0041	4.3961	4.3961
4/30/24	25,481.0	480	0.0011	5.3029	0.0054	9.6632	0.0026	6.1883	0.0112	16.6219	0.1704	64.9079	0.0010	4.3971	0.0010	4.3971	4.3971
5/29/24	26,050.0	569	0.0013	5.3031	0.0064	9.6642	0.0031	6.1888	0.0133	16.6240	0.2020	64.9395	0.0011	4.3973	0.0011	4.3973	4.3973
6/13/24	26,263.0	213	0.0005	5.3036	0.0024	9.6666	0.0012	6.1900	0.0050	16.6289	0.0756	65.0152	0.0004	4.3977	0.0004	4.3977	4.3977
7/31/24	27,126.0	863	0.0014	5.3050	0.0072	9.6738	0.0031	6.1930	0.0139	16.6428	0.1858	65.2010	0.0014	4.3991	0.0014	4.3991	4.3991
8/13/24	27,419.0	293	0.0003	5.3053	0.0016	9.6754	0.0005	6.1935	0.0026	16.6454	0.0631	65.2640	0.0004	4.3995	0.0004	4.3995	4.3995
9/23/24	27,440.0	21	0.0000	5.3053	0.0001	9.6755	0.0000	6.1936	0.0002	16.6455	0.0050	65.2691	0.0000	4.3995	0.0000	4.3995	4.3995
10/17/24	27,948.0	508	0.0006	5.3059	0.0026	9.6781	0.0031	6.1966	0.0184	16.6640	0.0585	65.3275	0.0011	4.4006	0.0011	4.4006	4.4006
11/7/24	28,083.0	135	0.0001	5.3060	0.0006	9.6787	0.0014	6.1980	0.0085	16.6724	0.0155	65.3431	0.0004	4.4009	0.0004	4.4009	4.4009
12/16/24	28,373.0	290	0.0003	5.3063	0.0013	9.6800	0.0030	6.2011	0.0189	16.6913	0.0358	65.3789	0.0008	4.4018	0.0008	4.4018	4.4018
1/23/25	29,262.0	889	0.0011	5.3074	0.0053	9.6852	0.0055	6.2065	0.0334	16.7247	0.0043	65.3831	0.0016	4.4034	0.0016	4.4034	4.4034
2/13/25	29,631.0	369	0.0006	5.3080	0.0028	9.6881	0.0006	6.2071	0.0030	16.7278	0.0019	65.3850	0.0002	4.4036	0.0002	4.4036	4.4036
3/17/25	29,909.0	278	0.0004	5.3084	0.0022	9.6902	0.0004	6.2075	0.0023	16.7301	0.0014	65.3864	0.0002	4.4038	0.0002	4.4038	4.4038
4/16/25	29,929.0	20	0.0000	5.3084	0.0002</												

Rolling 12-Month Emissions - Wesco Operating's Maudlin Gulch SVE System

Timeframe	Pollutant (lbs/month)					
	VOC	Benzene	Toluene	Ethylbenzene	Xylene	N-Hexane
August 2022	49.17	0.01341	0.01341	0.00559	0.02608	0.17692
September 2022	47.52	0.01296	0.01296	0.00540	0.02520	0.15603
October 2022	17.64	0.00378	0.00596	0.00286	0.01267	0.06978
November 2022	47.91	0.00464	0.02246	0.01243	0.05240	0.28858
December 2022	28.60	0.00277	0.01340	0.00742	0.03128	0.16733
January 2023	33.90	0.01152	0.06504	0.03275	0.12845	0.54766
February 2023	2.44	0.00104	0.00595	0.00297	0.01160	0.00000
March 2023	2.94	0.00126	0.00718	0.00359	0.01399	0.06459
April 2023	78.28	0.05460	0.36379	0.09940	0.48878	7.99947
May 2023	433.11	0.32082	2.16555	0.55342	2.80719	26.48310
June 2023	340.64	0.25233	1.70321	0.43527	2.20787	20.06086
July 2023	35.75	0.02617	0.17448	0.05207	0.25073	0.04500
August 2023	19.62	0.00870	0.01716	0.14712	0.49040	0.42910
September 2023	16.65	0.00739	0.01457	0.12487	0.41624	0.36421
October 2023	2.57	0.00130	0.00277	0.01808	0.06048	0.00628
November 2023	0.83	0.00111	0.00312	0.00063	0.00312	0.01400
December 2023	1.11	0.00148	0.00417	0.00084	0.00417	0.01972
January 2024	27.64	0.01702	0.12446	0.02234	0.07966	1.79164
February 2024	22.90	0.01363	0.10359	0.01854	0.06542	0.67347
March 2024	21.41	0.01275	0.09687	0.01733	0.06118	0.64888
April 2024	10.04	0.00588	0.04077	0.00957	0.03662	0.30360
May 2024	2.29	0.00128	0.00638	0.00308	0.01329	0.20205
June 2024	0.86	0.00048	0.00239	0.00115	0.00498	0.07563
July 2024	2.81	0.00143	0.00719	0.00306	0.01385	0.18580
August 2024	0.73	0.00032	0.00160	0.00049	0.00256	0.06308
September 2024	0.06	0.00002	0.00012	0.00004	0.00019	0.00502
October 2024	2.11	0.00055	0.00260	0.00305	0.01842	0.05848
November 2024	0.75	0.00013	0.00057	0.00137	0.00848	0.01554
December 2024	1.67	0.00029	0.00126	0.00305	0.01886	0.03577
January 2025	3.19	0.00111	0.00528	0.00548	0.03344	0.00429
February 2025	0.47	0.00056	0.00282	0.00056	0.00304	0.00190
March 2025	0.36	0.00043	0.00216	0.00043	0.00232	0.00139
April 2025	0.03	0.00002	0.00017	0.00039	0.00295	0.00018
May 2025	2.08	0.00094	0.00953	0.03788	0.29330	0.00918
June 2025	0.72	0.00032	0.00328	0.01304	0.10095	0.00311
July 2025	2.49	0.00200	0.02248	0.02937	0.22972	0.00144
	TPY	lbs/year	lbs/year	lbs/year	lbs/year	lbs/year
Total (TPY) - Through August 2021	3.55	4.012	4.019	4.082	7.139	2.958
Total (TPY) - Through September 2021	3.22	4.023	4.033	4.104	7.285	3.303
Total (TPY) - Through October 2021	2.43	4.036	4.100	4.125	7.423	3.415
Total (TPY) - Through December 2021	2.43	4.047	4.229	4.135	7.481	3.474
Total (TPY) - Through September 2022	0.31	4.047	4.229	4.135	7.481	0.001
Total (TPY) - Through January 2022	2.61	1.773	2.292	1.798	2.395	3.681
Total (TPY) - Through February 2022	2.62	1.774	2.311	1.803	2.402	3.756
Total (TPY) - Through March 2022	0.84	1.776	2.332	1.808	2.411	3.839
Total (TPY) - Through April 2022	0.34	0.083	0.538	0.132	0.722	2.498
Total (TPY) - Through May 2022	0.30	0.076	0.480	0.140	0.761	2.202
Total (TPY) - Through June 2022	0.29	0.073	0.454	0.147	0.795	2.091
Total (TPY) - Through July 2022	0.25	0.069	0.413	0.143	0.751	1.903
Total (TPY) - Through August 2022	0.25	0.075	0.416	0.132	0.669	1.817
Total (TPY) - Through September 2022	0.23	0.077	0.415	0.115	0.548	1.628
Total (TPY) - Through October 2022	0.19	0.068	0.354	0.096	0.423	1.585
Total (TPY) - Through November 2022	0.18	0.068	0.319	0.105	0.450	1.815
Total (TPY) - Through December 2022	0.17	0.064	0.261	0.107	0.449	1.912
Total (TPY) - Through January 2023	0.16	0.071	0.267	0.132	0.551	2.323
Total (TPY) - Through February 2023	0.15	0.071	0.255	0.131	0.555	2.248
Total (TPY) - Through March 2023	0.14	0.070	0.241	0.129	0.561	2.229
Total (TPY) - Through April 2023	0.18	0.121	0.574	0.214	0.988	9.956
Total (TPY) - Through May 2023	0.39	0.439	2.715	0.750	3.715	36.272
Total (TPY) - Through June 2023	0.56	0.689	4.401	1.174	5.867	56.200
Total (TPY) - Through July 2023	0.56	0.705	4.553	1.213	6.056	56.059
Total (TPY) - Through August 2023	0.54	0.701	4.557	1.355	6.521	56.312
Total (TPY) - Through September 2023	0.53	0.695	4.559	1.474	6.912	56.520
Total (TPY) - Through October 2023	0.52	0.693	4.556	1.489	6.959	56.456
Total (TPY) - Through November 2023	0.50	0.689	4.536	1.478	6.910	56.182
Total (TPY) - Through December 2024	0.48	0.688	4.527	1.471	6.883	56.034
Total (TPY) - Through January 2024	0.48	0.693	4.586	1.461	6.834	57.278
Total (TPY) - Through February 2024	0.49	0.706	4.684	1.476	6.888	57.951
Total (TPY) - Through March 2024	0.50	0.717	4.774	1.490	6.935	58.536
Total (TPY) - Through April 2024	0.47	0.669	4.451	1.400	6.483	50.840
Total (TPY) - Through May 2024	0.25	0.349	2.292	0.850	3.689	24.559
Total (TPY) - Through June 2024	0.08	0.097	0.591	0.416	1.486	4.574
Total (TPY) - Through July 2024	0.06	0.072	0.423	0.367	1.249	4.714
Total (TPY) - Through August 2024	0.05	0.064	0.408	0.220	0.762	4.348
Total (TPY) - Through September 2024	0.05	0.057	0.393	0.095	0.346	3.989
Total (TPY) - Through October 2024	0.05	0.056	0.393	0.080	0.303	4.041
Total (TPY) - Through November 2024	0.05	0.055	0.391	0.081	0.309	4.043
Total (TPY) - Through December 2024	0.05	0.054	0.388	0.083	0.324	4.059
Total (TPY) - Through January 2025	0.03	0.038	0.269	0.066	0.277	2.272
Total (TPY) - Through February 2025	0.02	0.025	0.168	0.048	0.215	1.600
Total (TPY) - Through March 2025	0.01	0.012	0.073	0.031	0.156	0.953
Total (TPY) - Through April 2025	0.01	0.007	0.033	0.022	0.122	0.649
Total (TPY) - Through May 2025	0.01	0.006	0.036	0.057	0.402	0.456
Total (TPY) - Through June 2025	0.01	0.006	0.037	0.069	0.498	0.384
Total (TPY) - Through July 2025	0.01	0.007	0.052	0.095	0.714	0.199