



**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

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June 05, 2025

**P.O. Box 1650  
Casper, WY 86202  
303-577-5329**

**Project Manager :** Dave Weinert

**Project Name :** Maudlin

**Project Number :** #26

Attached are the analytical results for Maudlin #26 received by Elevation Diagnostics, Division of Environmental Testing on May 23, 2025. This is associated with Elevation's number AA23366 .

The results were analyzed under the guidelines of various methods. These methods are identified in the report as follows: "SW" is referring to the EPA's SW-846 Compendium; "EPA" is referring to 40 CFR part 136; "HACH" is referring to a method which was validated by HACH®; "SM" is referring to a revision of the Standard Methods For the Examination of Water and Wastewater; and "ASTM" is referring to the standard test method set forth by ASTM International.

The analytical results in this report apply specifically to the samples listed in the attached Chain of Custody. This report may only be duplicated in full.

Any deviations to sample integrity, method specifications, or Elevation Diagnostics's standard operating procedures are documented in the report below.

Please contact us for any questions or comments concerning the content of this report.

Thank you,

Elevation Diagnostics, Division of Environmental Testing

# Chain of Custody Form

# Elevation Diagnostics

2115 North Scranton Street Suite 3040A Aurora, CO 80045  
800.440.5184

Client: Wesco Operating Inc.  
 Address: P.O. Box 1650  
 City/State/ZIP: Casper, WY 82602  
 Phone: 303-577-5329  
 Project Contact: Dave Weinert

Project Name/Number: Maudlin #26  
 Project Location: Maudlin #26  
 Collector Name: Katherine Troyer

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested							Interim report requested	
					HCl	HNO <sub>3</sub>	None	Other	Water	Soil	Other	TPH-GRO,DRO,ORO	BTEX	TABLE 915-1-PAH's	SAR, EC, pH, Boron	TABLE 915-1-Metals	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	<input type="checkbox"/> Yes	<input type="checkbox"/> No
1	MAUD26-5501@12	5/21/25	0930	3			X			X		X	X	X	X	X	X	X		
2	MAUD 26-5502@14	5/21/25	0950	3																
3	MAUD 26-5503@21	5/21/25	1010	3																
4	MAUD 26-5504@17	5/21/25	1025	3																
5	MAUD 26-5505@12	5/21/25	1040	3																
6	MAUD 26-5506@16	5/21/25	1055	3																
7	MAUD 26-B601@12	5/21/25	1100	3			✓			✓		✓	✓	✓	✓	✓	✓	✓		
8																				
9																				
10																				



Relinquished By: Katherine Troyer  
 Date/Time: 5/22/25, @1300

Relinquished By: \_\_\_\_\_  
 Date/Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_  
 Date/Time: \_\_\_\_\_

Lab Use Only  
 Observed Temperature Upon Receipt: 2.3°C  
 Corrected Temperature Upon Receipt: 3.6°C  
 Thermometer #: EDX EQ 238  
 Correction Factor: +1.3°C

Samples Intact:  Yes  No 2025-05-23-014  
 pH Checked:  Yes  No  
 pH Adjusted:  Yes  No  
 PFAS rec'd on ice:  Yes  No N/A  
 Name/Lot Number of Adjustment: N/A



The results listed pertain only to the samples submitted to Elevation Diagnostics, Division of Environmental Testing as per the Chain of Custody attached. This report may only be duplicated in full.



**Division of Environmental Testing**

2115 N Scranton St Suite 3040A  
 Aurora, CO 80045  
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**Report Date :** 6/5/2025

**Report Time :** 12:42

**FINAL RESULTS REPORT**

**Project Manager:** Dave Weinert

**Project Name:** Maudlin

**Project Number:** #26

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start						Recovery
<b>AA23366-1</b>	MAUD26-SS01@12	<b>Collected :</b> 05/21/2025	09:30				
EC & pH soil by saturated paste - EC, soil		05/28/2025	10:29	3.62	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		05/28/2025	10:29	21.70	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		05/28/2025	10:29	7.41	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		05/29/2025	08:00 10.00	2.00	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		05/29/2025	08:00 10.00	1.30	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		05/29/2025	08:00 10.00	0.61	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		05/29/2025	08:00 10.00	0.47	No Unit		EPA 6020B
<b>AA23366-2</b>	MAUD26-SS01@12	<b>Collected :</b> 05/21/2025	09:30				
DRO & ORO, Soil - DRO		05/28/2025	13:37	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		05/28/2025	13:37	162.34	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.063	EPA 8270
SVOC, Soils - 2-methylnaphthalene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.20	EPA 8270
SVOC, Soils - Acenaphthene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.20	EPA 8270
SVOC, Soils - Anthracene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.20	EPA 8270
SVOC, Soils - Benz(a)anthracene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.20	EPA 8270
SVOC, Soils - Benzo(a)pyrene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.20	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.20	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.20	EPA 8270
SVOC, Soils - Chrysene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.20	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.20	EPA 8270
SVOC, Soils - Fluoranthene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.20	EPA 8270
SVOC, Soils - Fluorene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.20	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.20	EPA 8270
SVOC, Soils - Naphthalene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.061	EPA 8270
SVOC, Soils - Pyrene		05/29/2025	00:00 20.00	Not Detected - RL1	mg/kg	0.20	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		05/28/2025	00:00	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		05/28/2025	00:00	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		05/28/2025	00:00	Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		05/28/2025	00:00	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		05/28/2025	00:00	Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		05/28/2025	00:00	<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		05/28/2025	00:00	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		05/28/2025	00:00	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		05/28/2025	00:00	<0.0065	mg/kg	0.00654	EPA 8260
<b>AA23366-3</b>	MAUD26-SS01@12	<b>Collected :</b> 05/21/2025	09:30				
Chromium VI, Soil		05/31/2025	17:42	0.15	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		05/29/2025	07:28	0.21	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		05/30/2025	00:00 10.00	6.24	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		05/30/2025	00:00 10.00	131.93	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		05/30/2025	00:00 10.00	0.56	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		05/30/2025	00:00 10.00	18.88	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		05/30/2025	00:00 10.00	21.98	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		05/30/2025	00:00 10.00	11.65	mg/kg	0.025	EPA 6020B



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**Report Date :** 6/5/2025

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**FINAL RESULTS REPORT**

**Project Manager:** Dave Weinert

**Project Name:** Maudlin

**Project Number:** #26

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start	Recovery					
Total Metals, Soils - Selenium		05/30/2025 00:00	10.00	5.59	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		05/30/2025 00:00	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		05/30/2025 00:00	10.00	61.90	mg/kg	0.025	EPA 6020B

**AA23367-1** MAUD26-SS02@14

**Collected :** 05/21/2025 09:50

EC & pH soil by saturated paste - EC, soil	05/28/2025 10:29			3.58	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	05/28/2025 10:29			21.70	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	05/28/2025 10:29			7.96	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	05/29/2025 08:00	10.00		1.73	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	05/29/2025 08:00	10.00		0.96	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	05/29/2025 08:00	10.00		<0.43	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	05/29/2025 08:00	10.00		0.08	No Unit		EPA 6020B

**AA23367-2** MAUD26-SS02@14

**Collected :** 05/21/2025 09:50

DRO & ORO, Soil - DRO	05/28/2025 13:37			Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	05/28/2025 13:37			Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	05/29/2025 00:00			0.029	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	05/29/2025 00:00			0.019	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	05/29/2025 00:00			<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	05/29/2025 00:00			<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene	05/29/2025 00:00			Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene	05/29/2025 00:00			<0.010	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene	05/28/2025 00:00			<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene	05/28/2025 00:00			<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene	05/28/2025 00:00			Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene	05/28/2025 00:00			Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics	05/28/2025 00:00			Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene	05/28/2025 00:00			<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene	05/28/2025 00:00			<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene	05/28/2025 00:00			<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total	05/28/2025 00:00			<0.0065	mg/kg	0.00654	EPA 8260

**AA23367-3** MAUD26-SS02@14

**Collected :** 05/21/2025 09:50

Chromium VI, Soil	05/31/2025 17:42			0.09	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	05/29/2025 07:28			0.17	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	05/30/2025 00:00	10.00		6.09	mg/kg	0.025	EPA 6020B



**Division of Environmental Testing**

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**FINAL RESULTS REPORT**

**Project Manager:** Dave Weinert

**Project Name:** Maudlin

**Project Number:** #26

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Total Metals, Soils - Barium		05/30/2025 00:00	10.00	125.86	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		05/30/2025 00:00	10.00	0.46	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		05/30/2025 00:00	10.00	16.00	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		05/30/2025 00:00	10.00	29.35	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		05/30/2025 00:00	10.00	14.38	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		05/30/2025 00:00	10.00	4.33	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		05/30/2025 00:00	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		05/30/2025 00:00	10.00	159.32	mg/kg	0.025	EPA 6020B

**AA23368-1** MAUD26-SS03@21

**Collected :** 05/21/2025 10:10

EC & pH soil by saturated paste - EC, soil	05/28/2025 10:29			0.42	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	05/28/2025 10:29			21.80	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	05/28/2025 10:29			8.59	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	05/29/2025 08:00	10.00		0.65	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	05/29/2025 08:00	10.00		<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	05/29/2025 08:00	10.00		8.71	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	05/29/2025 08:00	10.00		13.70	No Unit		EPA 6020B

**AA23368-2** MAUD26-SS03@21

**Collected :** 05/21/2025 10:10

DRO & ORO, Soil - DRO	05/28/2025 13:37			Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	05/28/2025 13:37			Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	05/29/2025 00:00			<0.0031	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	05/29/2025 00:00			<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene	05/29/2025 00:00			Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene	05/29/2025 00:00			Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene	05/29/2025 00:00			<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene	05/29/2025 00:00			<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene	05/29/2025 00:00			<0.0024	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene	05/29/2025 00:00			<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics	05/29/2025 00:00			<0.27	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene	05/29/2025 00:00			<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene	05/29/2025 00:00			<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene	05/29/2025 00:00			<0.0026	mg/kg	0.00263	EPA 8260



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**FINAL RESULTS REPORT**

**Project Manager:** Dave Weinert

**Project Name:** Maudlin

**Project Number:** #26

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - Xylenes, total		05/29/2025 00:00		<0.0065	mg/kg	0.00654	EPA 8260
<b>AA23368-3</b>	MAUD26-SS03@21	<b>Collected :</b> 05/21/2025	10:10				
Chromium VI, Soil		05/31/2025 17:42		0.15	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		05/29/2025 07:28		0.38	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		05/30/2025 00:00	10.00	6.26	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		05/30/2025 00:00	10.00	90.94	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		05/30/2025 00:00	10.00	0.46	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		05/30/2025 00:00	10.00	17.72	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		05/30/2025 00:00	10.00	17.97	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		05/30/2025 00:00	10.00	13.62	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		05/30/2025 00:00	10.00	4.50	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		05/30/2025 00:00	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		05/30/2025 00:00	10.00	70.07	mg/kg	0.025	EPA 6020B
<b>AA23369-1</b>	MAUD26-SS04@17	<b>Collected :</b> 05/21/2025	10:25				
EC & pH soil by saturated paste - EC, soil		05/28/2025 10:29		4.55	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		05/28/2025 10:29		21.50	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		05/28/2025 10:29		8.56	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		05/29/2025 08:00	10.00	0.65	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		05/29/2025 08:00	10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		05/29/2025 08:00	10.00	4.00	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		05/29/2025 08:00	10.00	5.59	No Unit		EPA 6020B
<b>AA23369-2</b>	MAUD26-SS04@17	<b>Collected :</b> 05/21/2025	10:25				
DRO & ORO, Soil - DRO		05/29/2025 00:00		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		05/29/2025 00:00		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		05/29/2025 00:00		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		05/29/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		05/29/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		05/29/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		05/29/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		05/29/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		05/29/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		05/29/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		05/29/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		05/29/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		05/29/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		05/29/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		05/29/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		05/29/2025 00:00		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		05/29/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		05/29/2025 00:00		<0.0025 - MS	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		05/29/2025 00:00		<0.005 - MS	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		05/29/2025 00:00		<0.0024 - MS	mg/kg	0.00242	EPA 8260



**Division of Environmental Testing**

2115 N Scranton St Suite 3040A  
 Aurora, CO 80045  
 800-440-5184

**Report Date :** 6/5/2025

**Report Time :** 12:42

**FINAL RESULTS REPORT**

**Project Manager:** Dave Weinert

**Project Name:** Maudlin

**Project Number:** #26

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - Ethylbenzene		05/29/2025	00:00	Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		05/29/2025	00:00	<0.27	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		05/29/2025	00:00	<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		05/29/2025	00:00	<0.0023 - MS	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		05/29/2025	00:00	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		05/29/2025	00:00	<0.0065	mg/kg	0.00654	EPA 8260
<b>AA23369-3</b>	MAUD26-SS04@17	<b>Collected :</b> 05/21/2025 10:25					
Chromium VI, Soil		06/02/2025	09:49	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		05/29/2025	07:28	0.20	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		05/30/2025	00:00 10.00	5.72	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		05/30/2025	00:00 10.00	62.79	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		05/30/2025	00:00 10.00	0.26	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		05/30/2025	00:00 10.00	13.13	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		05/30/2025	00:00 10.00	14.99	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		05/30/2025	00:00 10.00	9.86	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		05/30/2025	00:00 10.00	4.14	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		05/30/2025	00:00 10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		05/30/2025	00:00 10.00	78.76	mg/kg	0.025	EPA 6020B
<b>AA23370-1</b>	MAUD26-SS05@12	<b>Collected :</b> 05/21/2025 10:40					
EC & pH soil by saturated paste - EC, soil		05/28/2025	12:12	0.31	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		05/28/2025	12:12	22.20	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		05/28/2025	12:12	7.79	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		05/29/2025	08:08 10.00	1.29	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		05/29/2025	08:08 10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		05/29/2025	08:08 10.00	<0.43	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		05/29/2025	08:08 10.00	0.35	No Unit		EPA 6020B
<b>AA23370-2</b>	MAUD26-SS05@12	<b>Collected :</b> 05/21/2025 10:40					
DRO & ORO, Soil - DRO		05/29/2025	00:00	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		05/29/2025	00:00	Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		06/04/2025	13:54	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		06/04/2025	13:54	<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270



**Division of Environmental Testing**

2115 N Scranton St Suite 3040A  
 Aurora, CO 80045  
 800-440-5184

**Report Date :** 6/5/2025

**Report Time :** 12:42

**FINAL RESULTS REPORT**

**Project Manager:** Dave Weinert

**Project Name:** Maudlin

**Project Number:** #26

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Naphthalene		06/04/2025	13:54	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		05/29/2025	00:00	<0.0023	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		05/29/2025	00:00	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		05/29/2025	00:00	<0.0024	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		05/29/2025	00:00	Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		05/29/2025	00:00	Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		05/29/2025	00:00	Not Detected	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		05/29/2025	00:00	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		05/29/2025	00:00	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		05/29/2025	00:00	<0.0065	mg/kg	0.00654	EPA 8260
<b>AA23370-3</b>	<b>MAUD26-SS05@12</b>	<b>Collected : 05/21/2025 10:40</b>					
Chromium VI, Soil		06/02/2025	09:49	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		05/29/2025	07:28	0.20	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		05/30/2025	00:00 10.00	5.90	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		05/30/2025	00:00 10.00	75.33	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		05/30/2025	00:00 10.00	0.34	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		05/30/2025	00:00 10.00	16.08	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		05/30/2025	00:00 10.00	16.13	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		05/30/2025	00:00 10.00	10.71	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		05/30/2025	00:00 10.00	4.97	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		05/30/2025	00:00 10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		05/30/2025	00:00 10.00	68.49	mg/kg	0.025	EPA 6020B
<b>AA23371-1</b>	<b>MAUD26-SS06@16</b>	<b>Collected : 05/21/2025 10:55</b>					
EC & pH soil by saturated paste - EC, soil		05/28/2025	12:12	0.54	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		05/28/2025	12:12	22.70	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		05/28/2025	12:12	7.36	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		05/29/2025	08:08 10.00	2.27	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		05/29/2025	08:08 10.00	1.12	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		05/29/2025	08:08 10.00	<0.43	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		05/29/2025	08:08 10.00	0.33	No Unit		EPA 6020B
<b>AA23371-2</b>	<b>MAUD26-SS06@16</b>	<b>Collected : 05/21/2025 10:55</b>					
DRO & ORO, Soil - DRO		05/29/2025	00:00	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		05/29/2025	00:00	Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		06/04/2025	13:54	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270



**Division of Environmental Testing**

2115 N Scranton St Suite 3040A  
Aurora, CO 80045  
800-440-5184

**Report Date :** 6/5/2025

**Report Time :** 12:42

**FINAL RESULTS REPORT**

**Project Manager:** Dave Weinert

**Project Name:** Maudlin

**Project Number:** #26

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Chrysene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/04/2025	13:54	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		05/29/2025	00:00	<0.0023	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		05/29/2025	00:00	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		05/29/2025	00:00	<0.0024	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		05/29/2025	00:00	Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		05/29/2025	00:00	Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		05/29/2025	00:00	<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		05/29/2025	00:00	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		05/29/2025	00:00	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		05/29/2025	00:00	<0.0065	mg/kg	0.00654	EPA 8260
<b>AA23371-3</b>	MAUD26-SS06@16	<b>Collected :</b> 05/21/2025 10:55					
Chromium VI, Soil		06/02/2025	09:49	0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		05/29/2025	07:28	0.18	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		05/30/2025	00:00 10.00	6.99	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		05/30/2025	00:00 10.00	81.42	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		05/30/2025	00:00 10.00	0.37	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		05/30/2025	00:00 10.00	17.17	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		05/30/2025	00:00 10.00	17.74	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		05/30/2025	00:00 10.00	11.62	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		05/30/2025	00:00 10.00	4.16	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		05/30/2025	00:00 10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		05/30/2025	00:00 10.00	84.70	mg/kg	0.025	EPA 6020B
<b>AA23372-1</b>	MAUD26-BG01@12	<b>Collected :</b> 05/21/2025 11:00					
EC & pH soil by saturated paste - EC, soil		05/28/2025	12:12	1.03	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		05/28/2025	12:12	22.40	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		05/28/2025	12:12	6.97	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		05/29/2025	08:08 10.00	4.20	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		05/29/2025	08:08 10.00	1.56	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		05/29/2025	08:08 10.00	0.77	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		05/29/2025	08:08 10.00	0.46	No Unit		EPA 6020B
<b>AA23372-2</b>	MAUD26-BG01@12	<b>Collected :</b> 05/21/2025 11:00					
DRO & ORO, Soil - DRO		05/29/2025	00:00	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		05/29/2025	00:00	Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		06/04/2025	13:54	<0.00313	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270



**Division of Environmental Testing**

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**Report Date :** 6/5/2025

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**FINAL RESULTS REPORT**

**Project Manager:** Dave Weinert

**Project Name:** Maudlin

**Project Number:** #26

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Anthracene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/04/2025	13:54	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/04/2025	13:54	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		05/29/2025	00:00	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		05/29/2025	00:00	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		05/29/2025	00:00	Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		05/29/2025	00:00	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		05/29/2025	00:00	Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		05/29/2025	00:00	Not Detected	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		05/29/2025	00:00	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		05/29/2025	00:00	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		05/29/2025	00:00	<0.0065	mg/kg	0.00654	EPA 8260

**AA23372-3** MAUD26-BG01@12

**Collected :** 05/21/2025 11:00

Chromium VI, Soil	06/02/2025	09:49		0.09	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	05/29/2025	07:28		0.25	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	05/30/2025	00:00	10.00	5.54	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	05/30/2025	00:00	10.00	67.88	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	05/30/2025	00:00	10.00	0.36	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	05/30/2025	00:00	10.00	14.96	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	05/30/2025	00:00	10.00	14.95	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	05/30/2025	00:00	10.00	10.70	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	05/30/2025	00:00	10.00	3.80	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	05/30/2025	00:00	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc	05/30/2025	00:00	10.00	85.36	mg/kg	0.025	EPA 6020B



**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**Report Date :** 6/5/2025

**Report Time :** 12:42

**FINAL RESULTS REPORT**

**Project Manager:** Dave Weinert

**Project Name:** Maudlin

**Project Number:** #26

**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
<b>BORON-8942</b>										
DUP	AA23349	0.12	0.050	mg/kg					<%MDL%	-15 - 15
DUP	AA23382	0.60	0.050	mg/kg					5.1	-15 - 15
MB	AA23418	0.01		mg/kg						
LCS	AA23419	0.90		mg/kg	1.00		90.0	80 - 120		
LCS	AA23420	0.94		mg/kg	1.00		94.0	80 - 120		
<b>CHROM_VI_SOIL-8946</b>										
DUP	AA23357	<0.08	0.080	mg/kg						
MB	AA23430	<0.08		mg/kg						
LCS	AA23432	1.42		mg/kg	1.58		89.9	80 - 120		
LCS	AA23433	1.44		mg/kg	1.58		91.1	80 - 120		
<b>CHROM_VI_SOIL-8948</b>										
DUP	AA23369	<0.08	0.080	mg/kg						
MB	AA23434	<0.08		mg/kg						
LCS	AA23436	1.43		mg/kg	1.60		89.4	80 - 120		
LCS	AA23437	1.42		mg/kg	1.60		88.8	80 - 120		



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**Project Name:** Maudlin

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QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
<b>DRO ORO SOIL-8934</b>										
<b>AA23355</b>										
Dup	DRO	327.87				Not Detected			6.90	- 30
Dup	ORO	319.31				Not Detected			2.24	- 50
Matrix Spike	DRO	351.29		mg/kg	350	Not Detected	100	70 - 130		
Matrix Spike	ORO	326.54		mg/kg	350	Not Detected	93.3	50 - 150		
<b>AA23406</b>										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
<b>AA23407</b>										
LCS	DRO	313.34		mg/kg			89.5	70 - 130		
LCS	ORO	297.72		mg/kg			85.1	50 - 150		
<b>AA23408</b>										
LCS	DRO	273.25		mg/kg			78.1	70 - 130		
LCS	ORO	274.08		mg/kg			78.3	50 - 150		
<b>DRO ORO SOIL-8949</b>										
<b>AA23373</b>										
Dup	DRO	387.00				Not Detected			10.4	- 30
Dup	ORO	372.62				Not Detected			33.4	- 50
Matrix Spike	DRO	348.88		mg/kg	350	Not Detected	99.7	70 - 130		
Matrix Spike	ORO	266.06		mg/kg	350	Not Detected	76.0	50 - 150		
<b>AA23452</b>										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
<b>AA23453</b>										
LCS	DRO	269.50		mg/kg			77.0	70 - 130		
LCS	ORO	211.21		mg/kg			60.3	50 - 150		
<b>AA23454</b>										
LCS	DRO	293.42		mg/kg			83.8	70 - 130		
LCS	ORO	273.51		mg/kg			78.1	50 - 150		
<b>EC PH-8958</b>										
<b>AA23358</b>										
Dup	EC, soil	0.60	0.0005	mmhos/cm		0.61			1.65	- 5
Dup	pH soil Temperature	22.9		°C		23.10				
Dup	pH, soil	8.38	0.01	SU		8.37			0.119	- 5
<b>AA23469</b>										
LCS	EC, soil	10.08	0.0005	mmhos/cm			101	85 - 115		
LCS	pH, soil	6.84	0.01	SU			99.7	85 - 115		
<b>AA23470</b>										
LCS	EC, soil	10.04	0.0005	mmhos/cm			100	85 - 115		
LCS	pH, soil	6.85	0.01	SU			99.9	85 - 115		
<b>EC PH-8972</b>										
<b>AA23370</b>										
Dup	EC, soil	0.30	0.0005	mmhos/cm		0.31			3.28	- 5
Dup	pH soil Temperature	22.80		°C		22.20				



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QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	pH, soil	7.92	0.01	SU		7.79			1.65	- 5

**AA23495**

LCS	EC, soil	10.43	0.0005	mmhos/cm			104	85 - 115		
LCS	pH, soil	6.86	0.01	SU			100	85 - 115		

**AA23496**

LCS	EC, soil	10.44	0.0005	mmhos/cm			104	85 - 115		
LCS	pH, soil	6.85	0.01	SU			99.9	85 - 115		

**METALS S-8971**

**AA23300**

Dup	Arsenic	4.02	0.025	mg/kg		3.65			9.65	0 - 15
Dup	Barium	415.16	0.025	mg/kg		423.64			2.02	0 - 15
Dup	Cadmium	0.20	0.001	mg/kg		0.19			5.13	0 - 15
Dup	Copper	22.08	0.025	mg/kg		20.1			9.39	0 - 15
Dup	Lead	10.64	0.025	mg/kg		9.90			7.21	0 - 15
Dup	Nickel	7.73	0.025	mg/kg		7.07			8.92	0 - 15
Dup	Selenium	6.89	0.025	mg/kg		6.26			9.58	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	101.13	0.025	mg/kg		98.49			2.65	0 - 15
Matrix Spike	Arsenic	23.20		mg/kg	20	3.65	97.8	80 - 120		
Matrix Spike	Barium	447.28		mg/kg	20	423.64	118	80 - 120		
Matrix Spike	Cadmium	21.04		mg/kg	20	0.19	104	80 - 120		
Matrix Spike	Copper	38.06		mg/kg	20	20.1	89.8	80 - 120		
Matrix Spike	Lead	31.81		mg/kg	20	9.90	110	80 - 120		
Matrix Spike	Nickel	24.99		mg/kg	20	7.07	89.6	80 - 120		
Matrix Spike	Selenium	29.45		mg/kg	20	6.26	116	80 - 120		
Matrix Spike	Silver	17.65		mg/kg	20	<0.25	88.2	80 - 120		
Matrix Spike	Zinc	119.42		mg/kg	20	98.49	105	80 - 120		

**AA23425**

Dup	Arsenic	6.17	0.025	mg/kg		5.80			6.18	0 - 15
Matrix Spike	Arsenic	26.56		mg/kg	20	5.80	104	80 - 120		

**AA23490**

MB	Arsenic	0.00		mg/kg						
MB	Barium	0.00		mg/kg						
MB	Cadmium	0.00		mg/kg						
MB	Copper	0.00		mg/kg						
MB	Lead	0.00		mg/kg						
MB	Nickel	0.00		mg/kg						
MB	Selenium	0.00		mg/kg						
MB	Silver	0.00		mg/kg						
MB	Zinc	0.00		mg/kg						

**AA23492**

LCS	Arsenic	0.10		mg/kg			100	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.10		mg/kg			100	80 - 120		
LCS	Copper	0.10		mg/kg			100	80 - 120		
LCS	Lead	0.10		mg/kg			100	80 - 120		



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QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.10		mg/kg			100	80 - 120		
LCS	Zinc	0.11		mg/kg			110	80 - 120		

**AA23493**

LCS	Arsenic	0.11		mg/kg			110	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.10		mg/kg			100	80 - 120		
LCS	Copper	0.10		mg/kg			100	80 - 120		
LCS	Lead	0.10		mg/kg			100	80 - 120		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.10		mg/kg			100	80 - 120		
LCS	Zinc	0.11		mg/kg			110	80 - 120		

**SAR-8959**

Dup	Calcium	1.64		mEq/L	1.64	1.59			3.10	- 20
Dup	Magnesium	1.66		mEq/L	1.66	1.58			4.94	- 20
Dup	Sodium	2.17		mEq/L	2.17	2.21			1.83	- 20
Dup	Sodium Adsorption Ratio	1.69		mEq/L	1.69	1.75			3.49	- 20

**AA23471**

MB	Calcium	0.00		mEq/L						
MB	Magnesium	0.00		mEq/L						
MB	Sodium	0.00		mEq/L						
MB	Sodium Adsorption Ratio	0.00								

**AA23472**

LCS	Calcium	8.38		ppm			83.8	80 - 120		
LCS	Magnesium	8.41		ppm			84.1	80 - 120		
LCS	Sodium	8.22		ppm			82.2	80 - 120		
LCS	Sodium Adsorption Ratio	0.48		ppm			88.9	80 - 120		

**AA23473**

LCS	Calcium	455.43		ppm			91.1	80 - 120		
LCS	Magnesium	454.67		ppm			90.9	80 - 120		
LCS	Sodium	451.95		ppm			90.4	80 - 120		
LCS	Sodium Adsorption Ratio	3.58		ppm			94.7	80 - 120		

**SAR-8988**

Dup	Calcium	1.39		mEq/L	1.39	1.29			7.46	- 20
Dup	Magnesium	<0.82		mEq/L	<0.82	<0.82				
Dup	Sodium	<0.43		mEq/L	<0.43	<0.43				
Dup	Sodium Adsorption Ratio	0.34		mEq/L	0.34	0.35			2.90	- 20

**AA23572**

MB	Calcium	0.00		mEq/L						
MB	Magnesium	0.00		mEq/L						
MB	Sodium	0.00		mEq/L						
MB	Sodium Adsorption Ratio	0.00								



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**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
<b>AA23573</b>										
LCS	Calcium	8.38		ppm			83.8	80 - 120		
LCS	Magnesium	8.41		ppm			84.1	80 - 120		
LCS	Sodium	8.22		ppm			82.2	80 - 120		
LCS	Sodium Adsorption Ratio	0.48		ppm			88.9	80 - 120		
<b>AA23574</b>										
LCS	Calcium	455.43		ppm			91.1	80 - 120		
LCS	Magnesium	454.67		ppm			90.9	80 - 120		
LCS	Sodium	451.95		ppm			90.4	80 - 120		
LCS	Sodium Adsorption Ratio	3.58		ppm			94.7	80 - 120		

**SVOC SOIL-8970**

<b>AA23362</b>										
Dup	1-methylnaphthalene	0.302	0.010	mg/kg		Not Detected			1.32	-30
Dup	2-methylnaphthalene	0.396	0.010	mg/kg		Not Detected			0.253	-30
Dup	Acenaphthene	0.314	0.010	mg/kg		Not Detected			5.27	-30
Dup	Anthracene	0.359	0.010	mg/kg		Not Detected			0.559	-30
Dup	Benz(a)anthracene	0.334	0.010	mg/kg		Not Detected			9.42	-30
Dup	Benzo(a)pyrene	0.316	0.010	mg/kg		Not Detected			10.3	-30
Dup	Benzo(b)fluoranthene	0.296	0.010	mg/kg		Not Detected			18.9	-30
Dup	Benzo(k)fluoranthene	0.324	0.010	mg/kg		Not Detected			3.77	-30
Dup	Chrysene	0.331	0.010	mg/kg		Not Detected			2.14	-30
Dup	Dibenz(a,h)anthracene	0.247	0.010	mg/kg		Not Detected			8.44	-30
Dup	Fluoranthene	0.370	0.010	mg/kg		Not Detected			1.91	-30
Dup	Fluorene	0.296	0.010	mg/kg		Not Detected			1.01	-30
Dup	Indeno(1,2,3-cd)pyrene	0.243	0.010	mg/kg		Not Detected			6.81	-30
Dup	Naphthalene	0.324	0.010	mg/kg		Not Detected			2.44	-30
Dup	Pyrene	0.370	0.010	mg/kg		Not Detected			4.99	-30
Matrix Spike	1-methylnaphthalene	0.306	0.010	mg/kg	0.300	Not Detected	102	70 - 130		
Matrix Spike	2-methylnaphthalene	0.395	0.010	mg/kg	0.300	Not Detected	132	70 - 130		
Matrix Spike	Acenaphthene	0.331	0.010	mg/kg	0.300	Not Detected	110	70 - 130		
Matrix Spike	Anthracene	0.357	0.010	mg/kg	0.300	Not Detected	119	70 - 130		
Matrix Spike	Benz(a)anthracene	0.367	0.010	mg/kg	0.300	Not Detected	122	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.285	0.010	mg/kg	0.300	Not Detected	95.0	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.245	0.010	mg/kg	0.300	Not Detected	81.7	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.312	0.010	mg/kg	0.300	Not Detected	104	70 - 130		
Matrix Spike	Chrysene	0.324	0.010	mg/kg	0.300	Not Detected	108	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.227	0.010	mg/kg	0.300	Not Detected	75.7	70 - 130		
Matrix Spike	Fluoranthene	0.363	0.010	mg/kg	0.300	Not Detected	121	70 - 130		
Matrix Spike	Fluorene	0.299	0.010	mg/kg	0.300	Not Detected	99.7	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.227	0.010	mg/kg	0.300	Not Detected	75.7	70 - 130		
Matrix Spike	Naphthalene	0.332	0.010	mg/kg	0.300	Not Detected	111	70 - 130		
Matrix Spike	Pyrene	0.352	0.010	mg/kg	0.300	Not Detected	117	70 - 130		
<b>AA23487</b>										
MB	1-methylnaphthalene	Not Detected	0.010	mg/kg						
MB	2-methylnaphthalene	Not Detected	0.010	mg/kg						
MB	Acenaphthene	Not Detected	0.010	mg/kg						



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**FINAL RESULTS REPORT**

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**Project Name:** Maudlin

**Project Number:** #26

**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Anthracene	Not Detected	0.010	mg/kg						
MB	Benz(a)anthracene	Not Detected	0.010	mg/kg						
MB	Benzo(a)pyrene	Not Detected	0.010	mg/kg						
MB	Benzo(b)fluoranthene	Not Detected	0.010	mg/kg						
MB	Benzo(k)fluoranthene	Not Detected	0.010	mg/kg						
MB	Chrysene	Not Detected	0.010	mg/kg						
MB	Dibenz(a,h)anthracene	Not Detected	0.010	mg/kg						
MB	Fluoranthene	Not Detected	0.010	mg/kg						
MB	Fluorene	Not Detected	0.010	mg/kg						
MB	Indeno(1,2,3-cd)pyrene	Not Detected	0.010	mg/kg						
MB	Naphthalene	Not Detected	0.010	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

**AA23488**

LCS	1-methylnaphthalene	0.310	0.010	mg/kg			103	70 - 130		
LCS	2-methylnaphthalene	0.387	0.010	mg/kg			129	70 - 130		
LCS	Acenaphthene	0.324	0.010	mg/kg			108	70 - 130		
LCS	Anthracene	0.325	0.010	mg/kg			108	70 - 130		
LCS	Benz(a)anthracene	0.320	0.010	mg/kg			107	70 - 130		
LCS	Benzo(a)pyrene	0.272	0.010	mg/kg			90.7	70 - 130		
LCS	Benzo(b)fluoranthene	0.264	0.010	mg/kg			88.0	70 - 130		
LCS	Benzo(k)fluoranthene	0.301	0.010	mg/kg			100	70 - 130		
LCS	Chrysene	0.312	0.010	mg/kg			104	70 - 130		
LCS	Dibenz(a,h)anthracene	0.219	0.010	mg/kg			73.0	70 - 130		
LCS	Fluoranthene	0.342	0.010	mg/kg			114	70 - 130		
LCS	Fluorene	0.284	0.010	mg/kg			94.7	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.219	0.010	mg/kg			73.0	70 - 130		
LCS	Naphthalene	0.338	0.010	mg/kg			113	70 - 130		
LCS	Pyrene	0.348	0.010	mg/kg			116	70 - 130		

**AA23489**

LCS	1-methylnaphthalene	0.365	0.010	mg/kg			122	70 - 130		
LCS	2-methylnaphthalene	0.376	0.010	mg/kg			125	70 - 130		
LCS	Acenaphthene	0.293	0.010	mg/kg			97.7	70 - 130		
LCS	Anthracene	0.308	0.010	mg/kg			103	70 - 130		
LCS	Benz(a)anthracene	0.250	0.010	mg/kg			83.3	70 - 130		
LCS	Benzo(a)pyrene	0.263	0.010	mg/kg			87.7	70 - 130		
LCS	Benzo(b)fluoranthene	0.272	0.010	mg/kg			90.7	70 - 130		
LCS	Benzo(k)fluoranthene	0.244	0.010	mg/kg			81.3	70 - 130		
LCS	Chrysene	0.241	0.010	mg/kg			80.3	70 - 130		
LCS	Dibenz(a,h)anthracene	0.232	0.010	mg/kg			77.3	70 - 130		
LCS	Fluoranthene	0.299	0.010	mg/kg			99.7	70 - 130		
LCS	Fluorene	0.296	0.010	mg/kg			98.7	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.241	0.010	mg/kg			80.3	70 - 130		
LCS	Naphthalene	0.311	0.010	mg/kg			104	70 - 130		
LCS	Pyrene	0.302	0.010	mg/kg			101	70 - 130		

**SVOC SOIL-9042**

**AA23373**



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**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	1-methylnaphthalene	0.395	0.010	mg/kg		Not Detected			2.82	- 30
Dup	2-methylnaphthalene	0.398	0.010	mg/kg		Not Detected			2.54	- 30
Dup	Acenaphthene	0.362	0.010	mg/kg		Not Detected			2.46	- 30
Dup	Anthracene	0.377	0.010	mg/kg		Not Detected			0.266	- 30
Dup	Benz(a)anthracene	0.338	0.010	mg/kg		Not Detected			3.00	- 30
Dup	Benzo(a)pyrene	0.269	0.010	mg/kg		Not Detected			2.64	- 30
Dup	Benzo(b)fluoranthene	0.269	0.010	mg/kg		Not Detected			4.56	- 30
Dup	Benzo(k)fluoranthene	0.296	0.010	mg/kg		Not Detected			6.99	- 30
Dup	Chrysene	0.348	0.010	mg/kg		Not Detected			0.287	- 30
Dup	Dibenz(a,h)anthracene	0.443	0.010	mg/kg		Not Detected			12.7	- 30
Dup	Fluoranthene	0.399	0.010	mg/kg		Not Detected			4.88	- 30
Dup	Fluorene	0.333	0.010	mg/kg		Not Detected			2.74	- 30
Dup	Indeno(1,2,3-cd)pyrene	0.283	0.010	mg/kg		Not Detected			12.8	- 30
Dup	Naphthalene	0.327	0.010	mg/kg		Not Detected			0.613	- 30
Dup	Pyrene	0.395	0.010	mg/kg		Not Detected			2.05	- 30
Matrix Spike	1-methylnaphthalene	0.384	0.010	mg/kg	0.300	Not Detected	128	70 - 130		
Matrix Spike	2-methylnaphthalene	0.388	0.010	mg/kg	0.300	Not Detected	129	70 - 130		
Matrix Spike	Acenaphthene	0.371	0.010	mg/kg	0.300	Not Detected	124	70 - 130		
Matrix Spike	Anthracene	0.376	0.010	mg/kg	0.300	Not Detected	125	70 - 130		
Matrix Spike	Benz(a)anthracene	0.328	0.010	mg/kg	0.300	Not Detected	109	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.262	0.010	mg/kg	0.300	Not Detected	87.3	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.257	0.010	mg/kg	0.300	Not Detected	85.7	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.276	0.010	mg/kg	0.300	Not Detected	92.0	70 - 130		
Matrix Spike	Chrysene	0.349	0.010	mg/kg	0.300	Not Detected	116	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.390	0.010	mg/kg	0.300	Not Detected	130	70 - 130		
Matrix Spike	Fluoranthene	0.380	0.010	mg/kg	0.300	Not Detected	127	70 - 130		
Matrix Spike	Fluorene	0.324	0.010	mg/kg	0.300	Not Detected	108	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.249	0.010	mg/kg	0.300	Not Detected	83.0	70 - 130		
Matrix Spike	Naphthalene	0.325	0.010	mg/kg	0.300	Not Detected	108	70 - 130		
Matrix Spike	Pyrene	0.387	0.010	mg/kg	0.300	Not Detected	129	70 - 130		

**AA23723**

MB	1-methylnaphthalene	Not Detected	0.010	mg/kg						
MB	2-methylnaphthalene	Not Detected	0.010	mg/kg						
MB	Acenaphthene	Not Detected	0.010	mg/kg						
MB	Anthracene	Not Detected	0.010	mg/kg						
MB	Benz(a)anthracene	Not Detected	0.010	mg/kg						
MB	Benzo(a)pyrene	Not Detected	0.010	mg/kg						
MB	Benzo(b)fluoranthene	Not Detected	0.010	mg/kg						
MB	Benzo(k)fluoranthene	Not Detected	0.010	mg/kg						
MB	Chrysene	Not Detected	0.010	mg/kg						
MB	Dibenz(a,h)anthracene	Not Detected	0.010	mg/kg						
MB	Fluoranthene	Not Detected	0.010	mg/kg						
MB	Fluorene	Not Detected	0.010	mg/kg						
MB	Indeno(1,2,3-cd)pyrene	Not Detected	0.010	mg/kg						
MB	Naphthalene	Not Detected	0.010	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

**AA23724**



**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

**Report Date :** 6/5/2025

**Report Time :** 12:42

**FINAL RESULTS REPORT**

**Project Manager:** Dave Weinert

**Project Name:** Maudlin

**Project Number:** #26

**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	1-methylnaphthalene	0.385	0.010	mg/kg			128	70 - 130		
LCS	2-methylnaphthalene	0.378	0.010	mg/kg			126	70 - 130		
LCS	Acenaphthene	0.349	0.010	mg/kg			116	70 - 130		
LCS	Anthracene	0.364	0.010	mg/kg			121	70 - 130		
LCS	Benz(a)anthracene	0.306	0.010	mg/kg			102	70 - 130		
LCS	Benzo(a)pyrene	0.251	0.010	mg/kg			83.7	70 - 130		
LCS	Benzo(b)fluoranthene	0.243	0.010	mg/kg			81.0	70 - 130		
LCS	Benzo(k)fluoranthene	0.262	0.010	mg/kg			87.3	70 - 130		
LCS	Chrysene	0.317	0.010	mg/kg			106	70 - 130		
LCS	Dibenz(a,h)anthracene	0.377	0.010	mg/kg			126	70 - 130		
LCS	Fluoranthene	0.365	0.010	mg/kg			122	70 - 130		
LCS	Fluorene	0.309	0.010	mg/kg			103	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.245	0.010	mg/kg			81.7	70 - 130		
LCS	Naphthalene	0.323	0.010	mg/kg			108	70 - 130		
LCS	Pyrene	0.375	0.010	mg/kg			125	70 - 130		

**AA23725**

LCS	1-methylnaphthalene	0.386	0.010	mg/kg			129	70 - 130		
LCS	2-methylnaphthalene	0.382	0.010	mg/kg			127	70 - 130		
LCS	Acenaphthene	0.352	0.010	mg/kg			117	70 - 130		
LCS	Anthracene	0.376	0.010	mg/kg			125	70 - 130		
LCS	Benz(a)anthracene	0.339	0.010	mg/kg			113	70 - 130		
LCS	Benzo(a)pyrene	0.262	0.010	mg/kg			87.3	70 - 130		
LCS	Benzo(b)fluoranthene	0.266	0.010	mg/kg			88.7	70 - 130		
LCS	Benzo(k)fluoranthene	0.277	0.010	mg/kg			92.3	70 - 130		
LCS	Chrysene	0.350	0.010	mg/kg			117	70 - 130		
LCS	Dibenz(a,h)anthracene	0.383	0.010	mg/kg			128	70 - 130		
LCS	Fluoranthene	0.380	0.010	mg/kg			127	70 - 130		
LCS	Fluorene	0.324	0.010	mg/kg			108	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.236	0.010	mg/kg			78.7	70 - 130		
LCS	Naphthalene	0.324	0.010	mg/kg			108	70 - 130		
LCS	Pyrene	0.390	0.010	mg/kg			130	70 - 130		

**VOC S-8953**

**AA23355**

Dup	1,2,4-trimethylbenzene	0.035		mg/kg		<0.0025			12.1	- 30
Dup	1,3,5-trimethylbenzene	0.038		mg/kg		<0.005			8.22	- 30
Dup	Benzene	0.041		mg/kg		<0.0024			<%MDL%	- 30
Dup	Ethylbenzene	0.035		mg/kg		<0.005			2.90	- 30
Dup	Gasoline Range Organics	0.75		mg/kg		Not Detected			4.68	
Dup	m&p- xylene	0.072		mg/kg		<0.0043			2.82	- 30
Dup	o-xylene	0.033		mg/kg		<0.0023			3.08	- 30
Dup	Toluene	0.037		mg/kg		<0.0026			2.74	- 30
Dup	Xylenes, total	0.105		mg/kg		<0.0065			2.90	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.031		mg/kg	0.050	<0.0025	62.0	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.035		mg/kg	0.050	<0.005	70.0	70 - 130		
Matrix Spike	Benzene	0.041		mg/kg	0.050	<0.0024	82.0	70 - 130		
Matrix Spike	Ethylbenzene	0.034		mg/kg	0.050	<0.005	68.0	70 - 130		



**Division of Environmental Testing**

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**FINAL RESULTS REPORT**

**Project Manager:** Dave Weinert

**Project Name:** Maudlin

**Project Number:** #26

**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Gasoline Range Organics	0.67		mg/kg	2.54	Not Detected	65.7			
Matrix Spike	m&p- xylene	0.070		mg/kg	0.100	<0.0043	70.0	70 - 130		
Matrix Spike	o-xylene	0.032		mg/kg	0.050	<0.0023	64.0	70 - 130		
Matrix Spike	Toluene	0.036		mg/kg	0.050	<0.0026	72.0	70 - 130		
Matrix Spike	Xylenes, total	0.102		mg/kg	0.150	<0.0065	68.0	70 - 130		

**AA23458**

MB	1,2,4-trimethylbenzene	<0.0025		mg/kg						
MB	1,3,5-trimethylbenzene	Not Detected		mg/kg						
MB	Benzene	Not Detected		mg/kg						
MB	Ethylbenzene	Not Detected		mg/kg						
MB	Gasoline Range Organics	0.27		mg/kg						
MB	m&p- xylene	Not Detected		mg/kg						
MB	o-xylene	Not Detected		mg/kg						
MB	Toluene	<0.0026		mg/kg						
MB	Xylenes, total	Not Detected		mg/kg						

**AA23459**

LCS	1,2,4-trimethylbenzene	0.053		mg/kg			106	70 - 130		
LCS	1,3,5-trimethylbenzene	0.058		mg/kg			116	70 - 130		
LCS	Benzene	0.065		mg/kg			130	70 - 130		
LCS	Ethylbenzene	0.053		mg/kg			106	70 - 130		
LCS	Gasoline Range Organics	0.60		mg/kg			102			
LCS	m&p- xylene	0.110		mg/kg			110	70 - 130		
LCS	o-xylene	0.050		mg/kg			100	70 - 130		
LCS	Toluene	0.056		mg/kg			112	70 - 130		
LCS	Xylenes, total	0.160		mg/kg			107	70 - 130		

**AA23460**

LCS	1,2,4-trimethylbenzene	0.052		mg/kg			104	70 - 130		
LCS	1,3,5-trimethylbenzene	0.054		mg/kg			108	70 - 130		
LCS	Benzene	0.062		mg/kg			124	70 - 130		
LCS	Ethylbenzene	0.051		mg/kg			102	70 - 130		
LCS	Gasoline Range Organics	0.51		mg/kg			98.8			
LCS	m&p- xylene	0.103		mg/kg			103	70 - 130		
LCS	o-xylene	0.051		mg/kg			102	70 - 130		
LCS	Toluene	0.054		mg/kg			108	70 - 130		
LCS	Xylenes, total	0.154		mg/kg			103	70 - 130		

**VOC\_S-9004**

**AA23369**

Dup	1,2,4-trimethylbenzene	0.023		mg/kg		<0.0025		41.4		- 30
Dup	1,3,5-trimethylbenzene	0.029		mg/kg		<0.005		34.3		- 30
Dup	Benzene	0.057		mg/kg		<0.0024		14.6		- 30
Dup	Ethylbenzene	0.038		mg/kg		Not Detected		25.3		- 30
Dup	Gasoline Range Organics	0.55		mg/kg		<0.27		14.9		
Dup	m&p- xylene	0.078		mg/kg		<0.0043		24.7		- 30
Dup	o-xylene	0.031		mg/kg		<0.0023		30.1		- 30
Dup	Toluene	0.048		mg/kg		<0.0026		17.1		- 30
Dup	Xylenes, total	0.109		mg/kg		<0.0065		26.3		- 30



**Division of Environmental Testing**

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**FINAL RESULTS REPORT**

**Project Manager:** Dave Weinert

**Project Name:** Maudlin

**Project Number:** #26

**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	1,2,4-trimethylbenzene	0.035		mg/kg	0.050	<0.0025	70.0	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.041		mg/kg	0.050	<0.005	82.0	70 - 130		
Matrix Spike	Benzene	0.066		mg/kg	0.050	<0.0024	132	70 - 130		
Matrix Spike	Ethylbenzene	0.049		mg/kg	0.050	Not Detected	98.0	70 - 130		
Matrix Spike	Gasoline Range Organics	0.80		mg/kg	2.54	<0.27	70.9			
Matrix Spike	m&p- xylene	0.100		mg/kg	0.100	<0.0043	100	70 - 130		
Matrix Spike	Naphthalene				0.050	Not Detected				
Matrix Spike	o-xylene	0.042		mg/kg	0.050	<0.0023	84.0	70 - 130		
Matrix Spike	Toluene	0.057		mg/kg	0.050	<0.0026	114	70 - 130		
Matrix Spike	Xylenes, total	0.142		mg/kg	0.150	<0.0065	94.7	70 - 130		

**AA23600**

MB	1,2,4-trimethylbenzene	<0.0025		mg/kg						
MB	1,3,5-trimethylbenzene	<0.005		mg/kg						
MB	Benzene	Not Detected		mg/kg						
MB	Ethylbenzene	<0.005		mg/kg						
MB	Gasoline Range Organics	0.27		mg/kg						
MB	m&p- xylene	<0.0043		mg/kg						
MB	Naphthalene	Not Detected		mg/kg						
MB	o-xylene	<0.0023		mg/kg						
MB	Toluene	<0.0026		mg/kg						
MB	Xylenes, total	<0.0065		mg/kg						

**AA23601**

LCS	1,2,4-trimethylbenzene	0.055		mg/kg			110	70 - 130		
LCS	1,3,5-trimethylbenzene	0.059		mg/kg			118	70 - 130		
LCS	Benzene	0.063		mg/kg			126	70 - 130		
LCS	Ethylbenzene	0.055		mg/kg			110	70 - 130		
LCS	Gasoline Range Organics	0.55		mg/kg			100			
LCS	m&p- xylene	0.115		mg/kg			115	70 - 130		
LCS	Naphthalene	0.052		mg/kg			104	70 - 130		
LCS	o-xylene	0.053		mg/kg			106	70 - 130		
LCS	Toluene	0.059		mg/kg			118	70 - 130		
LCS	Xylenes, total	0.168		mg/kg			112	70 - 130		

**AA23602**

LCS	1,2,4-trimethylbenzene	0.056		mg/kg			112	70 - 130		
LCS	1,3,5-trimethylbenzene	0.059		mg/kg			118	70 - 130		
LCS	Benzene	0.052		mg/kg			104	70 - 130		
LCS	Ethylbenzene	0.050		mg/kg			100	70 - 130		
LCS	Gasoline Range Organics	0.96		mg/kg			77.2			
LCS	m&p- xylene	0.109		mg/kg			109	70 - 130		
LCS	Naphthalene	0.048		mg/kg			96.0	70 - 130		
LCS	o-xylene	0.051		mg/kg			102	70 - 130		
LCS	Toluene	0.052		mg/kg			104	70 - 130		
LCS	Xylenes, total	0.160		mg/kg			107	70 - 130		



**Division of Environmental Testing**

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**FINAL RESULTS REPORT**

**Project Manager:** Dave Weinert

**Project Name:** Maudlin

**Project Number:** #26

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start						Recovery

<u>Qualifier</u>	<u>Explanation</u>
H1	Sample received outside of regulatory holding time.
H2	Sample analyzed outside of regulatory holding time due to a laboratory error.
P1	Sample received outside temperature requirements, 0-6°C.
P2	Sample received unpreserved.
P3	Broken or leaking sample container.
P4	Sample improperly collected
P5	Sample incorrectly preserved
B1	Blank failed high, indicating possible high bias in sample results.
B2	Blank failed low, indicating possible low bias in sample results.
MS	Matrix Spike / Matrix Spike Duplicate recovery and/or RPD limit exceeded, indicating potential matrix interference.
D1	Duplicate RPD limit exceeded due to low sample concentration.
D2	Duplicate RPD limit exceeded due to matrix interference.
S	Surrogate recovery failed, indicating potential matrix interference.
RL1	Reporting limits raised due to matrix interference.
RL2	Reporting limits raised due to limited sample.
U	Sample result less than method detection limit.
J	Sample result less than reporting limit but higher than method detection limit.
E	Electronic loss or corruption of data.
I	Subcontracted sample