



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

April 07, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason, Tad Stout

Project Name : CIT.CO.1054

Project Number : 1054

Attached are the analytical results for CIT.CO.1054 1054 received by Elevation Diagnostics, Division of Environmental Testing on March 27, 2025. This is associated with Elevation's number AA19823 .

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



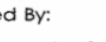

Elevation Diagnostics

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

Client: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, WY 82834
 Phone: 307-262-8975, 970-381-7363
 Project Contact: Joel Mason, Tad Stout

Project Name/Number: CIT.CO.1054
 Project Location: Citation McCormick (24-3) #6
 Collector Name: Z. Winters

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested										Interim report requested								
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full Suite													<input type="checkbox"/> Yes <input type="checkbox"/> No					
1	MC24-3#6_SS01@6'	3/24/2025	14:27	3																									Notes ECMC Table 915-1 pH(Sat paste)  	
2	MC24-3#6_SS02@8'	3/24/2025	15:20	3																										
3																														
4																														
5																														
6																														
7																														
8																														
9																														
10																														

Relinquished By: 	Relinquished By: 	Relinquished By: 	Scan to Deliver Samples  EFOR-008.005
Date/Time: <u>3/27/2025 12:00</u>	Date/Time: <u>3/27/2025 12:00</u>	Date/Time: <u>2025-03-27-015</u>	
Lab Use Only	Observed Temperature Upon Receipt: <u>3.2°C</u> Corrected Temperature Upon Receipt: <u>4.5°C</u> Thermometer #: <u>EDXEQ238</u> Correction Factor: <u>+1.3°C</u>	Samples Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No pH Checked: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No pH Adjusted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No PFAS rec'd on ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>NA</u> Name/Lot Number of Adjustment: <u>NA</u>	Lot/EQM Number:



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Report Date : 4/7/2025

Report Time : 11:56

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA19823-1	MC24-3#6_SS01@6'	Collected : 03/24/2025	14:27				
EC & pH soil by saturated paste - EC, soil		04/04/2025	08:53	4.22	mmhos	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		04/04/2025	08:53	19.9	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		04/04/2025	08:53	7.88	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		04/07/2025	08:34 10.00	17.32	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		04/07/2025	08:34 10.00	5.88	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		04/07/2025	08:34 10.00	19.43	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		04/07/2025	08:34 10.00	5.70	No Unit		EPA 6020B
AA19823-2	MC24-3#6_SS01@6'	Collected : 03/24/2025	14:27				
Chromium VI, Soil		04/03/2025	09:26	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		04/03/2025	09:39	0.48	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		04/02/2025	10:49 10.00	4.90	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		04/02/2025	10:49 10.00	192.13 - MS	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		04/02/2025	10:49 10.00	0.13	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		04/02/2025	10:49 10.00	8.87	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		04/02/2025	10:49 10.00	7.90	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		04/02/2025	10:49 10.00	8.17	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		04/02/2025	10:49 10.00	3.19	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		04/02/2025	10:49 10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		04/02/2025	10:49 10.00	35.26	mg/kg	0.025	EPA 6020B
AA19823-3	MC24-3#6_SS01@6'	Collected : 03/24/2025	14:27				
DRO & ORO, Soil - DRO		03/30/2025	11:01	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		03/30/2025	11:01	Not Detected	mg/kg	100.00	EPA 8015D
Gasoline Range Organics, Soil		04/04/2025	12:19	Not Detected	mg/kg	0.26827	EPA 8260
SVOC, Soils - 1-methylnaphthalene		04/01/2025	12:38	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		04/01/2025	12:38	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		04/01/2025	12:38	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		04/01/2025	12:38	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		04/01/2025	12:38	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		04/01/2025	12:38	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		04/01/2025	12:38	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		04/01/2025	12:38	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		04/01/2025	12:38	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		04/01/2025	12:38	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		04/01/2025	12:38	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		04/01/2025	12:38	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		04/01/2025	12:38	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		04/01/2025	12:38	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		04/01/2025	12:38	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		04/03/2025	11:03	<0.00245	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		04/03/2025	11:03	<<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		04/03/2025	11:03	Not Detected - MS	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		04/03/2025	11:03	Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - m&p- xylene		04/03/2025	11:03	<0.00427	mg/kg	0.00427	EPA 8260



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FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - o-xylene		04/03/2025 11:03		<0.00227	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		04/03/2025 11:03		<0.00263	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		04/03/2025 11:03		<0.00654	mg/kg	0.00654	EPA 8260

AA19824-1 MC24-3#6_SS02@8' **Collected :** 03/24/2025 15:20

EC & pH soil by saturated paste - EC, soil	04/04/2025 08:53		3.13	mmhos	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	04/04/2025 08:53		19.4	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	04/04/2025 08:53		7.79	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	04/07/2025 08:34	10.00	22.61	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	04/07/2025 08:34	10.00	8.99	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	04/07/2025 08:34	10.00	3.87	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	04/07/2025 08:34	10.00	0.87	No Unit		EPA 6020B

AA19824-2 MC24-3#6_SS02@8' **Collected :** 03/24/2025 15:20

Chromium VI, Soil	04/03/2025 09:26		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	04/03/2025 09:39		0.25	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	04/02/2025 10:49	10.00	5.58	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	04/02/2025 10:49	10.00	241.21	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	04/02/2025 10:49	10.00	0.13	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	04/02/2025 10:49	10.00	9.61	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	04/02/2025 10:49	10.00	9.22	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	04/02/2025 10:49	10.00	9.06	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	04/02/2025 10:49	10.00	4.01	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	04/02/2025 10:49	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc	04/02/2025 10:49	10.00	36.94	mg/kg	0.025	EPA 6020B

AA19824-3 MC24-3#6_SS02@8' **Collected :** 03/24/2025 15:20

DRO & ORO, Soil - DRO	03/30/2025 11:01		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	03/30/2025 11:01		Not Detected	mg/kg	100.00	EPA 8015D
Gasoline Range Organics, Soil	04/04/2025 12:19		Not Detected	mg/kg	0.26827	EPA 8260
SVOC, Soils - 1-methylnaphthalene	04/01/2025 12:38		<0.00313	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	04/01/2025 12:38		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	04/01/2025 12:38		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	04/01/2025 12:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	04/01/2025 12:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	04/01/2025 12:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	04/01/2025 12:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	04/01/2025 12:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	04/01/2025 12:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	04/01/2025 12:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	04/01/2025 12:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	04/01/2025 12:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene	04/01/2025 12:38		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene	04/01/2025 12:38		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene	04/01/2025 12:38		Not Detected	mg/kg	0.010	EPA 8270



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Report Date : 4/7/2025

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FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start	Recovery					
VOC, Soils - 1,2,4-trimethylbenzene		04/03/2025	11:03	Not Detected	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		04/03/2025	11:03	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		04/03/2025	11:03	Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		04/03/2025	11:03	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - m&p- xylene		04/03/2025	11:03	Not Detected	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		04/03/2025	11:03	Not Detected	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		04/03/2025	11:03	<0.00263	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		04/03/2025	11:03	Not Detected	mg/kg	0.00654	EPA 8260



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FINAL RESULTS REPORT

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Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-7852										
DUP	AA19833	0.12	0.050	mg/kg					8.0000	-15 - 15
DUP	AA19842	0.22	0.050	mg/kg					9.5238	-15 - 15
MB	AA20030	0.00		mg/kg						
LCS	AA20031	0.96		mg/kg	1.00		96.0	80 - 120		
LCS	AA20032	8.80		mg/kg	9.00		97.8	80 - 120		
CHROM_VI_SOIL-7832										
DUP	AA19817	<0.08	0.080	mg/kg						
MB	AA19956	0.00		mg/kg						
LCS	AA19958	0.038		mg/kg	0.040		95.0			
LCS	AA19959	0.037		mg/kg	0.040		92.5			
GRO_SOIL-7888										
DUP	AA19823	2.49	0.26827	mg/kg					2.4390	
Matrix Spike	AA19823	2.43		mg/kg	2.54		95.7			
MB	AA20167	<0.27		mg/kg						
LCS	AA20168	2.85		mg/kg	2.54		112			
LCS	AA20169	2.77		mg/kg	2.54		109			



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QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO ORO SOIL-7788										
AA19834										
Dup	DRO	304.11				Not Detected			12.1	
Dup	ORO	355.39				Not Detected			3.41	
Matrix Spike	DRO	343.39		mg/kg	350	Not Detected	98.1			
Matrix Spike	ORO	367.71		mg/kg	350	Not Detected	105			
AA19869										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA19870										
LCS	DRO	336.96		mg/kg			96.3			
LCS	ORO	317.17		mg/kg			90.6			
AA19871										
LCS	DRO	287.52		mg/kg			82.1			
LCS	ORO	339.01		mg/kg			96.9			
EC PH-7913										
AA19820										
Dup	EC, soil	0.94	0.0005	mmhos		1.06			12.0	
Dup	pH soil Temperature	20.7		°C		20.0				
Dup	pH, soil	8.45	0.01	SU		8.45			<%MDL%	
AA20237										
LCS	EC, soil	9.96	0.0005	mmhos			99.5			
LCS	pH, soil	6.91	0.01	SU			101			
AA20238										
LCS	EC, soil	10.14	0.0005	mmhos			101			
LCS	pH, soil	6.79	0.01	SU			99.0			
METALS S-7799										
AA19823										
Dup	Arsenic	4.47	0.025	mg/kg		4.90			9.18	0 - 15
Dup	Barium	178.45	0.025	mg/kg		192.13			7.38	0 - 15
Dup	Cadmium	0.12	0.001	mg/kg		0.13			8.00	0 - 15
Dup	Copper	8.86	0.025	mg/kg		8.87			0.113	0 - 15
Dup	Lead	8.15	0.025	mg/kg		7.90			3.12	0 - 15
Dup	Nickel	8.11	0.025	mg/kg		8.17			0.737	0 - 15
Dup	Selenium	2.99	0.025	mg/kg		3.19			6.47	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	32.32	0.025	mg/kg		35.26			8.70	0 - 15
Matrix Spike	Arsenic	23.62		mg/kg	20	4.90	93.6			
Matrix Spike	Barium	222.23		mg/kg	20	192.13	150			
Matrix Spike	Cadmium	18.77		mg/kg	20	0.13	93.2			
Matrix Spike	Copper	26.18		mg/kg	20	8.87	86.6			
Matrix Spike	Lead	30.05		mg/kg	20	7.90	111			
Matrix Spike	Nickel	25.43		mg/kg	20	8.17	86.3			
Matrix Spike	Selenium	22.46		mg/kg	20	3.19	96.4			
Matrix Spike	Silver	17.72		mg/kg	20	<0.25	88.6			



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QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Zinc	57.70		mg/kg	20	35.26	112			

AA19902

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						

AA19904

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

AA19905

LCS	Arsenic	0.09		mg/kg			90.0	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.10		mg/kg			100	80 - 120		
LCS	Copper	0.09		mg/kg			90.0	80 - 120		
LCS	Lead	0.10		mg/kg			100	80 - 120		
LCS	Nickel	0.09		mg/kg			90.0	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.10		mg/kg			100	80 - 120		
LCS	Zinc	0.09		mg/kg			90.0	80 - 120		

SAR-7909

AA19820

Dup	Calcium	<0.50		mEq/L	<0.50	<0.50				
Dup	Magnesium	<0.82		mEq/L	<0.82	<0.82				
Dup	Sodium	6.49		mEq/L	6.49	6.84			5.25	
Dup	Sodium Adsorption Ratio	9.97		mEq/L	19.97	18.78			6.14	

AA20220

MB	Calcium	-0.07		mEq/L						
MB	Magnesium	0.00		mEq/L						
MB	Sodium	0.00		mEq/L						
MB	Sodium Adsorption Ratio	0.00								

AA20221

LCS	Calcium	8.05		ppm			80.5			
LCS	Magnesium	8.17		ppm			81.7			
LCS	Sodium	8.62		ppm			86.2			



Division of Environmental Testing

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

Report Date : 4/7/2025

Report Time : 11:56

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Sodium Adsorption Ratio	0.51		ppm			94.4			

SVOC SOIL-7818

AA19823

Dup	1-methylnaphthalene	0.287	0.010	mg/kg		Not Detected			5.37	
Dup	2-methylnaphthalene	0.275	0.010	mg/kg		Not Detected			4.27	
Dup	Acenaphthene	0.328	0.010	mg/kg		Not Detected			7.59	
Dup	Anthracene	0.283	0.010	mg/kg		Not Detected			<0.010	
Dup	Benz(a)anthracene	0.283	0.010	mg/kg		Not Detected			6.83	
Dup	Benzo(a)pyrene	0.295	0.010	mg/kg		Not Detected			4.31	
Dup	Benzo(b)fluoranthene	0.302	0.010	mg/kg		Not Detected			6.72	
Dup	Benzo(k)fluoranthene	0.285	0.010	mg/kg		Not Detected			12.5	
Dup	Chrysene	0.351	0.010	mg/kg		Not Detected			2.25	
Dup	Dibenz(a,h)anthracene	0.259	0.010	mg/kg		Not Detected			1.53	
Dup	Fluoranthene	0.341	0.010	mg/kg		Not Detected			8.43	
Dup	Fluorene	0.271	0.010	mg/kg		Not Detected			1.49	
Dup	Indeno(1,2,3-cd)pyrene	0.266	0.010	mg/kg		Not Detected			2.96	
Dup	Naphthalene	0.277	0.010	mg/kg		Not Detected			4.43	
Dup	Pyrene	0.363	0.010	mg/kg		Not Detected			1.11	
Matrix Spike	1-methylnaphthalene	0.272	0.010	mg/kg	0.300	Not Detected	90.7			
Matrix Spike	2-methylnaphthalene	0.287	0.010	mg/kg	0.300	Not Detected	95.7			
Matrix Spike	Acenaphthene	0.304	0.010	mg/kg	0.300	Not Detected	101			
Matrix Spike	Anthracene	0.283	0.010	mg/kg	0.300	Not Detected	94.3			
Matrix Spike	Benz(a)anthracene	0.303	0.010	mg/kg	0.300	Not Detected	101			
Matrix Spike	Benzo(a)pyrene	0.308	0.010	mg/kg	0.300	Not Detected	103			
Matrix Spike	Benzo(b)fluoranthene	0.323	0.010	mg/kg	0.300	Not Detected	108			
Matrix Spike	Benzo(k)fluoranthene	0.323	0.010	mg/kg	0.300	Not Detected	108			
Matrix Spike	Chrysene	0.359	0.010	mg/kg	0.300	Not Detected	120			
Matrix Spike	Dibenz(a,h)anthracene	0.263	0.010	mg/kg	0.300	Not Detected	87.7			
Matrix Spike	Fluoranthene	0.371	0.010	mg/kg	0.300	Not Detected	124			
Matrix Spike	Fluorene	0.267	0.010	mg/kg	0.300	Not Detected	89.0			
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.274	0.010	mg/kg	0.300	Not Detected	91.3			
Matrix Spike	Naphthalene	0.265	0.010	mg/kg	0.300	Not Detected	88.3			
Matrix Spike	Pyrene	0.359	0.010	mg/kg	0.300	Not Detected	120			

AA19981

MB	1-methylnaphthalene	Not Detected	0.010	mg/kg						
MB	2-methylnaphthalene	<0.010	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						



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 4/7/2025

Report Time : 11:56

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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						

AA19982

LCS	1-methylnaphthalene	0.287	0.010	mg/kg			95.7			
LCS	2-methylnaphthalene	0.307	0.010	mg/kg			102			
LCS	Acenaphthene	0.342	0.010	mg/kg			114			
LCS	Anthracene	0.301	0.010	mg/kg			100			
LCS	Benz(a)anthracene	0.292	0.010	mg/kg			97.3			
LCS	Benzo(a)pyrene	0.305	0.010	mg/kg			102			
LCS	Benzo(b)fluoranthene	0.306	0.010	mg/kg			102			
LCS	Benzo(k)fluoranthene	0.298	0.010	mg/kg			99.3			
LCS	Chrysene	0.355	0.010	mg/kg			118			
LCS	Dibenz(a,h)anthracene	0.257	0.010	mg/kg			85.7			
LCS	Fluoranthene	0.342	0.010	mg/kg			114			
LCS	Fluorene	0.274	0.010	mg/kg			91.3			
LCS	Indeno(1,2,3-cd)pyrene	0.256	0.010	mg/kg			85.3			
LCS	Naphthalene	0.257	0.010	mg/kg			85.7			
LCS	Pyrene	0.356	0.010	mg/kg			119			

AA19983

LCS	1-methylnaphthalene	0.317	0.010	mg/kg			106			
LCS	2-methylnaphthalene	0.344	0.010	mg/kg			115			
LCS	Acenaphthene	0.339	0.010	mg/kg			113			
LCS	Anthracene	0.302	0.010	mg/kg			101			
LCS	Benz(a)anthracene	0.328	0.010	mg/kg			109			
LCS	Benzo(a)pyrene	0.320	0.010	mg/kg			107			
LCS	Benzo(b)fluoranthene	0.331	0.010	mg/kg			110			
LCS	Benzo(k)fluoranthene	0.318	0.010	mg/kg			106			
LCS	Chrysene	0.368	0.010	mg/kg			123			
LCS	Dibenz(a,h)anthracene	0.274	0.010	mg/kg			91.3			
LCS	Fluoranthene	0.353	0.010	mg/kg			118			
LCS	Fluorene	0.290	0.010	mg/kg			96.7			
LCS	Indeno(1,2,3-cd)pyrene	0.281	0.010	mg/kg			93.7			
LCS	Naphthalene	0.286	0.010	mg/kg			95.3			
LCS	Pyrene	0.364	0.010	mg/kg			121			

VOC S-7864

AA19823

Dup	1,2,4-trimethylbenzene	0.039		mg/kg		<0.00245			2.53	
Dup	1,3,5-trimethylbenzene	0.054		mg/kg		<<0.005			1.87	
Dup	Benzene	0.068		mg/kg		Not Detected			4.51	
Dup	Ethylbenzene	0.053		mg/kg		Not Detected			1.90	



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 4/7/2025

Report Time : 11:56

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	m&p- xylene	0.101		mg/kg		<0.00427			<%MDL%	
Dup	o-xylene	0.052		mg/kg		<0.00227			3.92	
Dup	Toluene	0.058		mg/kg		<0.00263			7.14	
Dup	Xylenes, total	0.153		mg/kg		<0.00654			1.32	
Matrix Spike	1,2,4-trimethylbenzene	0.040		mg/kg	0.050	<0.00245	80.0			
Matrix Spike	1,3,5-trimethylbenzene	0.053		mg/kg	0.050	<<0.005	106			
Matrix Spike	Benzene	0.065		mg/kg	0.050	Not Detected	130			
Matrix Spike	Ethylbenzene	0.052		mg/kg	0.050	Not Detected	104			
Matrix Spike	m&p- xylene	0.101		mg/kg	0.100	<0.00427	101			
Matrix Spike	o-xylene	0.050		mg/kg	0.050	<0.00227	100			
Matrix Spike	Toluene	0.054		mg/kg	0.050	<0.00263	108			
Matrix Spike	Xylenes, total	0.151		mg/kg	0.150	<0.00654	101			

AA20092

MB	1,2,4-trimethylbenzene	<0.00245		mg/kg						
MB	1,3,5-trimethylbenzene	<0.005		mg/kg						
MB	Benzene	<0.00242		mg/kg						
MB	Ethylbenzene	<0.005		mg/kg						
MB	m&p- xylene	<0.00427		mg/kg						
MB	o-xylene	<0.00227		mg/kg						
MB	Toluene	<0.00263		mg/kg						
MB	Xylenes, total	<0.00654		mg/kg						

AA20093

LCS	1,2,4-trimethylbenzene	0.060		mg/kg					120	
LCS	1,3,5-trimethylbenzene	0.064		mg/kg					128	
LCS	Benzene	0.047		mg/kg					94.0	
LCS	Ethylbenzene	0.060		mg/kg					120	
LCS	m&p- xylene	0.119		mg/kg					119	
LCS	o-xylene	0.060		mg/kg					120	
LCS	Toluene	0.062		mg/kg					124	
LCS	Xylenes, total	0.179		mg/kg					119	

AA20094

LCS	1,2,4-trimethylbenzene	0.059		mg/kg					118	
LCS	1,3,5-trimethylbenzene	0.064		mg/kg					128	
LCS	Benzene	0.055		mg/kg					110	
LCS	Ethylbenzene	0.060		mg/kg					120	
LCS	m&p- xylene	0.119		mg/kg					119	
LCS	o-xylene	0.060		mg/kg					120	
LCS	Toluene	0.062		mg/kg					124	
LCS	Xylenes, total	0.179		mg/kg					119	



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 4/7/2025

Report Time : 11:56

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

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

Qualifier	Explanation
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



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

April 24, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason

Project Name : CIT.CO

Project Number : 1054

Attached are the analytical results for CIT.CO 1054 received by Elevation Diagnostics, Division of Environmental Testing on April 11, 2025. This is associated with Elevation's number AA20910 .

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: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, WY 82834
 Phone: 307-262-8975 , 970-381-7363
 Project Contact: Joel.Mason & Tad.Stout@absarakasolutions.com

Project Name/Number: CIT.CO.1054
 Project Location: Citation McCormick (24-3) #6
 Collector Name: Devin Zalace

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested				Interim report requested		
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full Suite					<input type="checkbox"/> Yes	<input type="checkbox"/> No
1	MC24-3_01@17'	4/9/2025	16:44	3						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						Notes ECMC Table 915-1 pH(Sat paste)  AA20910-1  AA20911-1  AA20912-1  AA20913-1  AA20914-1
2	MC24-3_02@17'	4/9/2025	16:50	3						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
3	MC24-3_03@17'	4/9/2025	16:59	3						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
4	MC24-3_04@17'	4/9/2025	17:11	3						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
5	MC24-3_05@23'	4/9/2025	17:20	3						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
6																		
7																		
8																		
9																		
10																		

Relinquished By: [Signature]
 Date/Time: 4/11/2025 12:00

Relinquished By: _____
 Date/Time: _____

Relinquished By: _____
 Date/Time: 2025-04-11-030

Scan to Deliver Samples

Lab Use Only
 Observed Temperature Upon Receipt: 4.4°C
 Corrected Temperature Upon Receipt: 5.7°C
 Thermometer #: EDX ED 238
 Correction Factor: +1.3°C

Samples Intact: Yes No
 pH Checked: Yes No
 pH Adjusted: Yes No
 PFAS rec'd on ice: Yes No N/A
 Name/Lot Number of Adjustment: _____ N/A



EFOR-008.005



Division of Environmental Testing

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

Report Date : 4/24/2025

Report Time : 15:58

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA20910-1	MC24-3_01@17'	Collected : 04/09/2025 16:44					
EC & pH soil by saturated paste - EC, soil		04/17/2025	14:21	16.29	mmhos	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		04/17/2025	14:21	22.6	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		04/17/2025	14:21	7.47	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		04/23/2025	07:19 10.00	71.46	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		04/23/2025	07:19 10.00	26.73	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		04/23/2025	07:19 10.00	81.74	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		04/23/2025	07:19 10.00	11.67	No Unit		EPA 6020B
AA20910-2	MC24-3_01@17'	Collected : 04/09/2025 16:44					
Chromium VI, Soil		04/22/2025	08:40	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		04/23/2025	09:56	0.87	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		04/24/2025	07:38 10.00	5.41	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		04/24/2025	07:38 10.00	209.44	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		04/24/2025	07:38 10.00	0.13	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		04/24/2025	07:38 10.00	13.60	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		04/24/2025	07:38 10.00	8.75	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		04/24/2025	07:38 10.00	9.47	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		04/24/2025	07:38 10.00	3.94	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		04/24/2025	07:38 10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		04/24/2025	07:38 10.00	39.43	mg/kg	0.025	EPA 6020B
AA20910-3	MC24-3_01@17'	Collected : 04/09/2025 16:44					
DRO & ORO, Soil - DRO		04/22/2025	11:19	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		04/22/2025	11:19	Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		04/17/2025	14:33	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		04/17/2025	14:33	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		04/23/2025	15:36	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		04/23/2025	15:36	<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		04/23/2025	15:36	Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		04/23/2025	15:36	Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		04/23/2025	15:36	Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		04/23/2025	15:36	<0.0043	mg/kg	0.00427	EPA 8260



Division of Environmental Testing

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

Report Date : 4/24/2025

Report Time : 15:58

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - o-xylene		04/23/2025	15:36	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		04/23/2025	15:36	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		04/23/2025	15:36	<0.0065	mg/kg	0.00654	EPA 8260

AA20911-1 MC24-3_02@17' **Collected :** 04/09/2025 16:50

EC & pH soil by saturated paste - EC, soil	04/18/2025	14:57		1.28	mmhos	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	04/18/2025	14:57		20.0	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	04/18/2025	14:57		8.24	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	04/23/2025	07:31	10.00	2.21	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	04/23/2025	07:31	10.00	1.12	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	04/23/2025	07:31	10.00	8.23	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	04/23/2025	07:31	10.00	6.37	No Unit		EPA 6020B

AA20911-2 MC24-3_02@17' **Collected :** 04/09/2025 16:50

Chromium VI, Soil	04/22/2025	08:40		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	04/23/2025	09:56		0.48	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	04/24/2025	07:38	10.00	5.71	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	04/24/2025	07:38	10.00	205.08	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	04/24/2025	07:38	10.00	0.11	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	04/24/2025	07:38	10.00	13.20	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	04/24/2025	07:38	10.00	8.01	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	04/24/2025	07:38	10.00	9.22	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	04/24/2025	07:38	10.00	2.97	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	04/24/2025	07:38	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc	04/24/2025	07:38	10.00	46.42	mg/kg	0.025	EPA 6020B

AA20911-3 MC24-3_02@17' **Collected :** 04/09/2025 16:50

DRO & ORO, Soil - DRO	04/22/2025	11:19		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	04/22/2025	11:19		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	04/17/2025	14:33		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	04/17/2025	14:33		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene	04/17/2025	14:33		Not Detected - MS	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene	04/23/2025	15:36		<0.0025	mg/kg	0.00245	EPA 8260



Division of Environmental Testing

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

Report Date : 4/24/2025

Report Time : 15:58

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - 1,3,5-trimethylbenzene		04/23/2025	15:36	<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		04/23/2025	15:36	Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		04/23/2025	15:36	<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		04/23/2025	15:36	Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		04/23/2025	15:36	<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		04/23/2025	15:36	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		04/23/2025	15:36	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		04/23/2025	15:36	<0.0065	mg/kg	0.00654	EPA 8260

AA20912-1 MC24-3_03@17' **Collected :** 04/09/2025 16:59

EC & pH soil by saturated paste - EC, soil	04/18/2025	14:57		5.89	mmhos	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	04/18/2025	14:57		19.8	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	04/18/2025	14:57		7.71	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	04/23/2025	07:31	10.00	24.43	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	04/23/2025	07:31	10.00	11.25	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	04/23/2025	07:31	10.00	24.45	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	04/23/2025	07:31	10.00	5.79	No Unit		EPA 6020B

AA20912-2 MC24-3_03@17' **Collected :** 04/09/2025 16:59

Chromium VI, Soil	04/22/2025	08:40		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	04/23/2025	09:56		0.52	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	04/24/2025	07:38	10.00	5.49	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	04/24/2025	07:38	10.00	205.09	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	04/24/2025	07:38	10.00	0.13	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	04/24/2025	07:38	10.00	13.54	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	04/24/2025	07:38	10.00	8.43	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	04/24/2025	07:38	10.00	9.17	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	04/24/2025	07:38	10.00	3.70	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	04/24/2025	07:38	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc	04/24/2025	07:38	10.00	45.44	mg/kg	0.025	EPA 6020B

AA20912-3 MC24-3_03@17' **Collected :** 04/09/2025 16:59

DRO & ORO, Soil - DRO	04/22/2025	11:19		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	04/22/2025	11:19		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	04/17/2025	14:33		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	04/17/2025	14:33		Not Detected	mg/kg	0.010	EPA 8270



Division of Environmental Testing

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Report Date : 4/24/2025

Report Time : 15:58

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Fluorene		04/17/2025 14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		04/17/2025 14:33		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		04/17/2025 14:33		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		04/17/2025 14:33		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		04/23/2025 15:36		<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		04/23/2025 15:36		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		04/23/2025 15:36		Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		04/23/2025 15:36		Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		04/23/2025 15:36		<0.27	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		04/23/2025 15:36		<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		04/23/2025 15:36		<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		04/23/2025 15:36		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		04/23/2025 15:36		<0.0065	mg/kg	0.00654	EPA 8260

AA20913-1 MC24-3_04@17'

Collected : 04/09/2025 17:11

EC & pH soil by saturated paste - EC, soil	04/18/2025 14:57			1.00	mmhos	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	04/18/2025 14:57			19.9	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	04/18/2025 14:57			8.44	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	04/23/2025 07:31	10.00		1.13	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	04/23/2025 07:31	10.00		<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	04/23/2025 07:31	10.00		5.98	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	04/23/2025 07:31	10.00		6.67	No Unit		EPA 6020B

AA20913-2 MC24-3_04@17'

Collected : 04/09/2025 17:11

Chromium VI, Soil	04/22/2025 08:40			<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	04/23/2025 09:56			0.27	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	04/24/2025 07:38	10.00		4.52	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	04/24/2025 07:38	10.00		112.43	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	04/24/2025 07:38	10.00		0.12	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	04/24/2025 07:38	10.00		12.13	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	04/24/2025 07:38	10.00		7.57	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	04/24/2025 07:38	10.00		8.06	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	04/24/2025 07:38	10.00		3.29	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	04/24/2025 07:38	10.00		<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc	04/24/2025 07:38	10.00		40.76	mg/kg	0.025	EPA 6020B

AA20913-3 MC24-3_04@17'

Collected : 04/09/2025 17:11

DRO & ORO, Soil - DRO	04/22/2025 11:19			Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	04/22/2025 11:19			Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	04/17/2025 14:33			Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	04/17/2025 14:33			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	04/17/2025 14:33			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	04/17/2025 14:33			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	04/17/2025 14:33			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	04/17/2025 14:33			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 : 4/24/2025

Report Time : 15:58

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Benzo(b)fluoranthene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		04/17/2025	14:33	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		04/23/2025	15:36	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		04/23/2025	15:36	<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		04/23/2025	15:36	Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		04/23/2025	15:36	Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		04/23/2025	15:36	Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		04/23/2025	15:36	<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		04/23/2025	15:36	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		04/23/2025	15:36	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		04/23/2025	15:36	<0.0065	mg/kg	0.00654	EPA 8260

AA20914-1 MC24-3_05@23'

Collected : 04/09/2025 17:20

EC & pH soil by saturated paste - EC, soil	04/22/2025	15:06		2.42	mmhos	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	04/22/2025	15:06		22.4	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	04/22/2025	15:06		8.17	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	04/23/2025	07:54	10.00	2.64	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	04/23/2025	07:54	10.00	1.95	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	04/23/2025	07:54	10.00	15.48	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	04/23/2025	07:54	10.00	10.22	No Unit		EPA 6020B

AA20914-2 MC24-3_05@23'

Collected : 04/09/2025 17:20

Chromium VI, Soil	04/22/2025	08:40		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	04/23/2025	09:56		0.62	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	04/24/2025	07:38	10.00	1.82	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	04/24/2025	07:38	10.00	73.85	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	04/24/2025	07:38	10.00	0.02	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	04/24/2025	07:38	10.00	10.85	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	04/24/2025	07:38	10.00	3.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	04/24/2025	07:38	10.00	4.23	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	04/24/2025	07:38	10.00	2.08	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	04/24/2025	07:38	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc	04/24/2025	07:38	10.00	19.29	mg/kg	0.025	EPA 6020B

AA20914-3 MC24-3_05@23'

Collected : 04/09/2025 17:20

DRO & ORO, Soil - DRO	04/22/2025	11:19		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	04/22/2025	11:19		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	04/17/2025	14:33		<0.00313	mg/kg	0.00313	EPA 8270



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - 2-methylnaphthalene		04/17/2025	14:33	<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		04/17/2025	14:33	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		04/17/2025	14:33	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		04/23/2025	15:36	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		04/23/2025	15:36	<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		04/23/2025	15:36	Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		04/23/2025	15:36	Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		04/23/2025	15:36	<0.27	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		04/23/2025	15:36	<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		04/23/2025	15:36	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		04/23/2025	15:36	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		04/23/2025	15:36	<0.0065	mg/kg	0.00654	EPA 8260



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FINAL RESULTS REPORT

Report Date : 4/24/2025

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Project Manager: Joel Mason

Project Name: CIT.CO

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-8153										
DUP	AA20898	0.19	0.050	mg/kg					5.1282	-15 - 15
MB	AA21203	0.01		mg/kg						
LCS	AA21204	0.87		mg/kg	1.00		87.0	80 - 120		
LCS	AA21205	8.04		mg/kg	9.00		89.3	80 - 120		
CHROM_VI_SOIL-8142										
DUP	AA20897	<0.08	0.080	mg/kg						
MB	AA21124	0.02		mg/kg						
LCS	AA21126	0.045		mg/kg	0.04		112	90 - 110		
LCS	AA21127	0.046		mg/kg	0.04		115	90 - 110		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 4/24/2025

Report Time : 15:58

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO ORO SOIL-8128										
AA20897										
Dup	DRO	378.21				Not Detected			0.911	- 30
Dup	ORO	379.77				Not Detected			5.84	- 50
Matrix Spike	DRO	374.78		mg/kg	350	Not Detected	107	70 - 130		
Matrix Spike	ORO	358.21		mg/kg	350	Not Detected	102	50 - 150		
AA21099										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA21100										
LCS	DRO	403.30		mg/kg			115	70 - 130		
LCS	ORO	356.85		mg/kg			102	50 - 150		
AA21101										
LCS	DRO	397.11		mg/kg			113	70 - 130		
LCS	ORO	358.87		mg/kg			103	50 - 150		
EC PH-8140										
AA20903										
Dup	EC, soil	3.90	0.0005	mmhos		3.74			4.19	- 5
Dup	pH soil Temperature	23.6		°C		23.7				
Dup	pH, soil	7.99	0.01	SU		8.01			0.250	- 5
AA21122										
LCS	EC, soil	9.95	0.0005	mmhos			99.4	85 - 115		
LCS	pH, soil	6.9	0.01	SU			101	85 - 115		
AA21123										
LCS	EC, soil	10.2	0.0005	mmhos			102	85 - 115		
LCS	pH, soil	6.89	0.01	SU			100	85 - 115		
EC PH-8156										
AA20894										
Dup	EC, soil	8.52	0.0005	mmhos		8.38			1.66	- 5
Dup	pH soil Temperature	19.9		°C		19.9				
Dup	pH, soil	7.63	0.01	SU		7.63			<%MDL%	- 5
AA21213										
LCS	EC, soil	9.85	0.0005	mmhos			98.4	85 - 115		
LCS	pH, soil	6.84	0.01	SU			99.7	85 - 115		
AA21214										
LCS	EC, soil	10.11	0.0005	mmhos			101	85 - 115		
LCS	pH, soil	6.80	0.01	SU			99.1	85 - 115		
EC PH-8191										
AA21146										
Dup	EC, soil	0.50	0.0005	mmhos		0.50			<%MDL%	- 5
Dup	pH soil Temperature	22.0		°C		21.9				
Dup	pH, soil	8.20	0.01	SU		8.19			0.122	- 5
AA21336										
LCS	EC, soil	9.74	0.0005	mmhos			97.3	85 - 115		
LCS	pH, soil	6.86	0.01	SU			100	85 - 115		



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
AA21337										
LCS	EC, soil	9.95	0.0005	mmhos			99.4	85 - 115		
LCS	pH, soil	6.80	0.01	su			99.1	85 - 115		

METALS S-8194

AA21196										
Dup	Arsenic	5.88	0.025	mg/kg		6.03			2.52	0 - 15
Dup	Barium	199.57	0.025	mg/kg		194.05			2.80	0 - 15
Dup	Cadmium	0.20	0.001	mg/kg		0.19			5.13	0 - 15
Dup	Copper	14.38	0.025	mg/kg		14.64			1.79	0 - 15
Dup	Lead	8.89	0.025	mg/kg		8.38			5.91	0 - 15
Dup	Nickel	10.24	0.025	mg/kg		10.80			5.32	0 - 15
Dup	Selenium	5.26	0.025	mg/kg		5.08			3.48	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	50.73	0.025	mg/kg		48.45			4.60	0 - 15
Matrix Spike	Arsenic	29.81		mg/kg	20	6.03	119	80 - 120		
Matrix Spike	Barium	1966.60		mg/kg	20	194.05	8860	80 - 120		
Matrix Spike	Cadmium	23.56		mg/kg	20	0.19	117	80 - 120		
Matrix Spike	Copper	35.67		mg/kg	20	14.64	105	80 - 120		
Matrix Spike	Lead	30.38		mg/kg	20	8.38	110	80 - 120		
Matrix Spike	Nickel	30.09		mg/kg	20	10.80	96.4	80 - 120		
Matrix Spike	Selenium	29.05		mg/kg	20	5.08	120	80 - 120		
Matrix Spike	Silver	18.14		mg/kg	20	<0.25	90.7	80 - 120		
Matrix Spike	Zinc	71.75		mg/kg	20	48.45	116	80 - 120		

AA21344										
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						

AA21346										
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		
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	0.10		mg/kg			100	80 - 120		

AA21347										
LCS	Arsenic	0.10		mg/kg			100	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		



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Project Name: CIT.CO

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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	0.09		mg/kg			90.0	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

SAR-8145

AA20747

Dup	Calcium	35.54		mEq/L	1.78	36.18			1.78	-20
Dup	Magnesium	10.97		mEq/L	2.79	11.28			2.79	-20
Dup	Sodium	4.58		mEq/L	3.64	4.75			3.64	-20
Dup	Sodium Adsorption Ratio	0.95		mEq/L	2.08	0.97			2.08	-20

AA20903

Dup	Calcium	2.09		mEq/L	8.26	2.27			8.26	-20
Dup	Magnesium	<0.82		mEq/L	<0.82	<0.82				
Dup	Sodium	23.18		mEq/L	9.22	25.42			9.22	-20
Dup	Sodium Adsorption Ratio	0.28		mEq/L	7.77	21.92			7.77	-20

AA21140

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

AA21141

LCS	Calcium	11.49		ppm			115	80 - 120		
LCS	Magnesium	11.69		ppm			117	80 - 120		
LCS	Sodium	11.28		ppm			113	80 - 120		
LCS	Sodium Adsorption Ratio	0.56		ppm			104	80 - 120		

AA21142

LCS	Calcium	527.16		ppm			105	80 - 120		
LCS	Magnesium	499.87		ppm			100	80 - 120		
LCS	Sodium	502.71		ppm			101	80 - 120		
LCS	Sodium Adsorption Ratio	3.77		ppm			99.7	80 - 120		

SAR-8158

AA19631

Dup	Calcium	2.70		mEq/L	9.71	2.45			9.71	-20
Dup	Magnesium	1.04		mEq/L	1.90	1.06			1.90	-20
Dup	Sodium	0.63		mEq/L	4.88	0.60			4.88	-20
Dup	Sodium Adsorption Ratio	0.46		mEq/L	2.20	0.45			2.20	-20

AA20894

Dup	Calcium	44.46		mEq/L	44.46	45.62			2.58	-20
Dup	Magnesium	19.07		mEq/L	19.07	19.37			1.56	-20
Dup	Sodium	37.20		mEq/L	37.20	37.56			0.963	-20
Dup	Sodium Adsorption Ratio	6.60		mEq/L	6.60	6.59			0.152	-20

AA21007



Division of Environmental Testing

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Project Name: CIT.CO

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Calcium	2.11		mEq/L	2.11	2.36			11.2	- 20
Dup	Magnesium	2.09		mEq/L	2.09	2.36			12.1	- 20
Dup	Sodium	4.03		mEq/L	4.03	4.56			12.3	- 20
Dup	Sodium Adsorption Ratio	2.78		mEq/L	2.78	2.96			6.27	- 20

AA21247

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

AA21248

LCS	Calcium	11.49		ppm			115	80 - 120		
LCS	Magnesium	11.69		ppm			117	80 - 120		
LCS	Sodium	11.28		ppm			113	80 - 120		
LCS	Sodium Adsorption Ratio	0.56		ppm			104	80 - 120		

AA21249

LCS	Calcium	527.16		ppm			105	80 - 120		
LCS	Magnesium	499.87		ppm			100	80 - 120		
LCS	Sodium	502.71		ppm			101	80 - 120		
LCS	Sodium Adsorption Ratio	3.77		ppm			99.7	80 - 120		

SAR-8193

AA21146

Dup	Calcium	1.87		mEq/L	10.1	1.69			10.1	- 20
Dup	Magnesium	<0.82		mEq/L	<0.82	<0.82				
Dup	Sodium	1.72		mEq/L	10.4	1.55			10.4	- 20
Dup	Sodium Adsorption Ratio	1.59		mEq/L	5.83	1.50			5.83	- 20

AA21168

Dup	Calcium	1.40		mEq/L	1.40	1.41			0.712	- 20
Dup	Magnesium	<0.82		mEq/L	<0.82	<0.82				
Dup	Sodium	4.57		mEq/L	4.57	4.52			1.10	- 20
Dup	Sodium Adsorption Ratio	5.24		mEq/L	5.24	5.13			2.12	- 20

AA21341

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

AA21342

LCS	Calcium	11.49		ppm			115	80 - 120		
LCS	Magnesium	11.69		ppm			117	80 - 120		
LCS	Sodium	11.28		ppm			113	80 - 120		
LCS	Sodium Adsorption Ratio	0.56		ppm			104	80 - 120		

AA21343

LCS	Calcium	527.16		ppm			105	80 - 120		
LCS	Magnesium	499.87		ppm			100	80 - 120		
LCS	Sodium	502.71		ppm			101	80 - 120		
LCS	Sodium Adsorption Ratio	3.77		ppm			99.7	80 - 120		



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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SVOC_SOIL-8084

AA20911

Dup	1-methylnaphthalene	0.384	0.010	mg/kg		Not Detected			4.26	-30
Dup	2-methylnaphthalene	0.382	0.010	mg/kg		<0.010			9.03	-30
Dup	Acenaphthene	0.287	0.010	mg/kg		Not Detected			2.83	-30
Dup	Anthracene	0.317	0.010	mg/kg		Not Detected			3.21	-30
Dup	Benz(a)anthracene	0.296	0.010	mg/kg		Not Detected			1.68	-30
Dup	Benzo(a)pyrene	0.298	0.010	mg/kg		Not Detected			3.30	-30
Dup	Benzo(b)fluoranthene	0.284	0.010	mg/kg		Not Detected			7.46	-30
Dup	Benzo(k)fluoranthene	0.279	0.010	mg/kg		Not Detected			9.88	-30
Dup	Chrysene	0.297	0.010	mg/kg		Not Detected			1.02	-30
Dup	Dibenz(a,h)anthracene	0.267	0.010	mg/kg		Not Detected			1.89	-30
Dup	Fluoranthene	0.280	0.010	mg/kg		Not Detected			4.01	-30
Dup	Fluorene	0.346	0.010	mg/kg		Not Detected			3.53	-30
Dup	Indeno(1,2,3-cd)pyrene	0.254	0.010	mg/kg		Not Detected			4.24	-30
Dup	Naphthalene	0.428	0.010	mg/kg		Not Detected			4.57	-30
Dup	Pyrene	0.273	0.010	mg/kg		Not Detected			1.10	-30

Matrix Spike	1-methylnaphthalene	0.368	0.010	mg/kg	0.300	Not Detected	123	70 - 130		
Matrix Spike	2-methylnaphthalene	0.349	0.010	mg/kg	0.300	<0.010	116	70 - 130		
Matrix Spike	Acenaphthene	0.279	0.010	mg/kg	0.300	Not Detected	93.0	70 - 130		
Matrix Spike	Anthracene	0.307	0.010	mg/kg	0.300	Not Detected	102	70 - 130		
Matrix Spike	Benz(a)anthracene	0.301	0.010	mg/kg	0.300	Not Detected	100	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.308	0.010	mg/kg	0.300	Not Detected	103	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.306	0.010	mg/kg	0.300	Not Detected	102	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.308	0.010	mg/kg	0.300	Not Detected	103	70 - 130		
Matrix Spike	Chrysene	0.294	0.010	mg/kg	0.300	Not Detected	98.0	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.262	0.010	mg/kg	0.300	Not Detected	87.3	70 - 130		
Matrix Spike	Fluoranthene	0.269	0.010	mg/kg	0.300	Not Detected	89.7	70 - 130		
Matrix Spike	Fluorene	0.334	0.010	mg/kg	0.300	Not Detected	111	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.265	0.010	mg/kg	0.300	Not Detected	88.3	70 - 130		
Matrix Spike	Naphthalene	0.448	0.010	mg/kg	0.300	Not Detected	149	70 - 130		
Matrix Spike	Pyrene	0.270	0.010	mg/kg	0.300	Not Detected	90.0	70 - 130		

AA20956

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						



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Naphthalene	Not Detected	0.010	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

AA20957

LCS	1-methylnaphthalene	0.387	0.010	mg/kg			129	70 - 130		
LCS	2-methylnaphthalene	0.369	0.010	mg/kg			123	70 - 130		
LCS	Acenaphthene	0.285	0.010	mg/kg			95.0	70 - 130		
LCS	Anthracene	0.326	0.010	mg/kg			109	70 - 130		
LCS	Benz(a)anthracene	0.376	0.010	mg/kg			125	70 - 130		
LCS	Benzo(a)pyrene	0.279	0.010	mg/kg			93.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.269	0.010	mg/kg			89.7	70 - 130		
LCS	Benzo(k)fluoranthene	0.264	0.010	mg/kg			88.0	70 - 130		
LCS	Chrysene	0.375	0.010	mg/kg			125	70 - 130		
LCS	Dibenz(a,h)anthracene	0.251	0.010	mg/kg			83.7	70 - 130		
LCS	Fluoranthene	0.313	0.010	mg/kg			104	70 - 130		
LCS	Fluorene	0.365	0.010	mg/kg			122	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.232	0.010	mg/kg			77.3	70 - 130		
LCS	Naphthalene	0.297	0.010	mg/kg			99.0	70 - 130		
LCS	Pyrene	0.317	0.010	mg/kg			106	70 - 130		

AA20958

LCS	1-methylnaphthalene	0.371	0.010	mg/kg			124	70 - 130		
LCS	2-methylnaphthalene	0.345	0.010	mg/kg			115	70 - 130		
LCS	Acenaphthene	0.275	0.010	mg/kg			91.7	70 - 130		
LCS	Anthracene	0.312	0.010	mg/kg			104	70 - 130		
LCS	Benz(a)anthracene	0.295	0.010	mg/kg			98.3	70 - 130		
LCS	Benzo(a)pyrene	0.282	0.010	mg/kg			94.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.267	0.010	mg/kg			89.0	70 - 130		
LCS	Benzo(k)fluoranthene	0.250	0.010	mg/kg			83.3	70 - 130		
LCS	Chrysene	0.283	0.010	mg/kg			94.3	70 - 130		
LCS	Dibenz(a,h)anthracene	0.236	0.010	mg/kg			78.7	70 - 130		
LCS	Fluoranthene	0.265	0.010	mg/kg			88.3	70 - 130		
LCS	Fluorene	0.331	0.010	mg/kg			110	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.227	0.010	mg/kg			75.7	70 - 130		
LCS	Naphthalene	0.386	0.010	mg/kg			129	70 - 130		
LCS	Pyrene	0.264	0.010	mg/kg			88.0	70 - 130		

VOC S-8168

AA20858

Dup	1,2,4-trimethylbenzene	0.013		mg/kg		<0.0025			7.41	- 30
Dup	1,3,5-trimethylbenzene	0.015		mg/kg		<0.0050			12.5	- 30
Dup	Benzene	0.033		mg/kg		Not Detected			5.88	- 30
Dup	Ethylbenzene	0.023		mg/kg		<0.0050			8.33	- 30
Dup	Gasoline Range Organics	0.32		mg/kg		Not Detected			5.88	
Dup	m&p- xylene	0.044		mg/kg		<0.0043			4.44	- 30
Dup	o-xylene	0.020		mg/kg		<0.0023			9.52	- 30
Dup	Toluene	0.028		mg/kg		<0.0026			6.90	- 30
Dup	Xylenes, total	0.064		mg/kg		<0.0065			6.06	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.014		mg/kg	0.050	<0.0025	28.0	70 - 130		



Division of Environmental Testing

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Project Manager: Joel Mason

Project Name: CIT.CO

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	1,3,5-trimethylbenzene	0.017		mg/kg	0.050	<0.0050	34.0	70 - 130		
Matrix Spike	Benzene	0.035		mg/kg	0.050	Not Detected	70.0	70 - 130		
Matrix Spike	Ethylbenzene	0.025		mg/kg	0.050	<0.0050	50.0	70 - 130		
Matrix Spike	Gasoline Range Organics	4.40		mg/kg	2.54	Not Detected	55.1			
Matrix Spike	m&p- xylene	0.046		mg/kg	0.100	<0.0043	46.0	70 - 130		
Matrix Spike	o-xylene	0.022		mg/kg	0.050	<0.0023	44.0	70 - 130		
Matrix Spike	Toluene	0.030		mg/kg	0.050	<0.0026	60.0	70 - 130		
Matrix Spike	Xylenes, total	0.068		mg/kg	0.150	<0.0065	45.3	70 - 130		

AA21274

MB	1,2,4-trimethylbenzene	<0.0025		mg/kg						
MB	1,3,5-trimethylbenzene	<0.0050		mg/kg						
MB	Benzene	<0.0024		mg/kg						
MB	Ethylbenzene	<0.0050		mg/kg						
MB	Gasoline Range Organics	6.268		mg/kg						
MB	m&p- xylene	<0.0043		mg/kg						
MB	o-xylene	<0.0023		mg/kg						
MB	Toluene	<0.0026		mg/kg						
MB	Xylenes, total	<0.0065		mg/kg						

AA21275

LCS	1,2,4-trimethylbenzene	0.037		mg/kg			74.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.040		mg/kg			80.0	70 - 130		
LCS	Benzene	0.036		mg/kg			72.0	70 - 130		
LCS	Ethylbenzene	0.038		mg/kg			76.0	70 - 130		
LCS	Gasoline Range Organics	8.13		mg/kg			71.4			
LCS	m&p- xylene	0.072		mg/kg			72.0	70 - 130		
LCS	o-xylene	0.037		mg/kg			74.0	70 - 130		
LCS	Toluene	0.035		mg/kg			70.0	70 - 130		
LCS	Xylenes, total	0.109		mg/kg			72.7	70 - 130		

AA21276

LCS	1,2,4-trimethylbenzene	0.038		mg/kg			76.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.042		mg/kg			84.0	70 - 130		
LCS	Benzene	0.036		mg/kg			72.0	70 - 130		
LCS	Ethylbenzene	0.038		mg/kg			76.0	70 - 130		
LCS	Gasoline Range Organics	8.57		mg/kg			73.1			
LCS	m&p- xylene	0.073		mg/kg			73.0	70 - 130		
LCS	o-xylene	0.038		mg/kg			76.0	70 - 130		
LCS	Toluene	0.036		mg/kg			72.0	70 - 130		
LCS	Xylenes, total	0.111		mg/kg			74.0	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 4/24/2025

Report Time : 15:58

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO

Project Number: 1054

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



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

May 06, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason, Tad Stout

Project Name : CIT.CO.1054

Project Number : 1054

Attached are the analytical results for CIT.CO.1054 1054 received by Elevation Diagnostics, Division of Environmental Testing on April 28, 2025. This is associated with Elevation's number AA21677 .

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: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, WY 82834
 Phone: 307-262-8975, 970-381-7363
 Project Contact: oel.Mason & Tad.Stout@absarokasolutions.com

Project Name/Number: CIT.CO.1054
 Project Location: McCormick 24-3 #6
 Collector Name: Anthony Voutsinas

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested				Interim report requested		
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full 915 Suite					<input type="checkbox"/> Yes	<input type="checkbox"/> No
1	MCC_24-3_GW01	4/23/2025	17:30	5					✓			✓						
2			17:30															
3																		
4																		
5																		
6																		
7																		
8																		
9	AA21677-1																	
10																		

Relinquished By: <u>[Signature]</u> Date/Time: <u>4-24-25 16:00</u>	Relinquished By: Date/Time:	Relinquished By: Date/Time:
Lab Use Only Observed Temperature Upon Receipt: <u>2.1C</u> Corrected Temperature Upon Receipt: <u>3.4C</u> Thermometer #: <u>EDX 248</u> Correction Factor: <u>1.3</u>	Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No pH Checked: <input checked="" type="radio"/> Yes <input type="radio"/> No pH Adjusted: <input checked="" type="radio"/> Yes <input type="radio"/> No PFAS rec'd on ice: <input checked="" type="radio"/> Yes <input type="radio"/> No <u>NA</u> Name/Lot Number of Adjustment:	Lot/EQM Number: <u>2025-04-28-005</u> Scan to Deliver Samples  EFOR-008.005



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 5/6/2025

Report Time : 16:37

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA21677-1	MCC_24-3_GW01	Collected : 04/23/2025	17:30				
Total Dissolved Solids		04/29/2025	13:10	7986	mg/L	10.00	SM2540C, EPA160.1
AA21677-2	MCC_24-3_GW01	Collected : 04/23/2025	17:30				
Volatile Organic Compounds - 1,2,4-Trimethylbenzene		05/05/2025	12:39	<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - 1,3,5-Trimethylbenzene		05/05/2025	12:39	Not Detected	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Benzene		05/05/2025	12:39	<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene		05/05/2025	12:39	<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - m&p-Xylene		05/05/2025	12:39	<1.81	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - Naphthalene		05/05/2025	12:39	<0.50	µg/L	0.50	EPA 8260d
Volatile Organic Compounds - o-Xylene		05/05/2025	12:39	Not Detected	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene		05/05/2025	12:39	<1.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total		05/05/2025	12:39	<2.80	µg/L	2.80	EPA 8260d
AA21677-3	MCC_24-3_GW01	Collected : 04/23/2025	17:30				
Anions - Chloride		04/29/2025	17:31	1680.61	mg/L	0.20	EPA 300.0
Anions - Sulfate		04/29/2025	17:31	3538.41	mg/L	0.20	EPA 300.0



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

FINAL RESULTS REPORT

Report Date : 5/6/2025

Report Time : 16:37

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
TDS-8290										
MB	AA21705	Not Detected	10.00	mg/L						
LCS	AA21706	480	10	mg/L	500		96.0	85 - 115		
DUP	AA21707	480		mg/L					3.88	
LCS	AA21707	499	10	mg/L	500		99.8	85 - 115		- 20



Division of Environmental Testing

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

FINAL RESULTS REPORT

Report Date : 5/6/2025

Report Time : 16:37

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
ANIONS-8275										
AA21631										
Dup	Nitrate	105.91		ppm		<5.00			5.59	- 15
Dup	Nitrite	111.55		ppm		<5.00			4.40	- 15
Matrix Spike	Nitrate	100.15		ppm	100	<5.00	100	80 - 120		
Matrix Spike	Nitrite	106.75		ppm	100	<5.00	107	80 - 120		
AA21638										
MB	Chloride	0.01		ppm						
MB	Nitrate	Not Detected		ppm						
MB	Nitrite	Not Detected		ppm						
MB	Sulfate	0.01		ppm						
AA21639										
LCS	Chloride	2.02		ppm			101	90 - 110		
LCS	Nitrate	2.02		ppm			101	90 - 110		
LCS	Nitrite	2.02		ppm			101	90 - 110		
LCS	Sulfate	2.10		ppm			105	90 - 110		
AA21640										
LCS	Chloride	2.02		ppm			101	90 - 110		
LCS	Nitrate	2.03		ppm			102	90 - 110		
LCS	Nitrite	2.03		ppm			102	90 - 110		
LCS	Sulfate	2.12		ppm			106	90 - 110		
VOC 8260 W-8349										
AA21822										
Dup	1,1,1-Trichloroethane	57.25		µg/L		1.83			11.7	- 30
Dup	1,1-Dichloroethene	48.32		µg/L					9.28	- 30
Dup	1,2,4-Trimethylbenzene	47.55		µg/L		Not Detected			10.3	- 30
Dup	1,2-Dichloroethane	48.90		µg/L		Not Detected			13.6	- 30
Dup	Benzene	47.35		µg/L		<1.00			13.9	- 30
Dup	Chlorobenzene	39.36		µg/L		Not Detected			15.4	- 30
Dup	cis-1,2-Dichloroethene	49.03		µg/L		Not Detected			8.27	- 30
Dup	Dichloromethane	56.26		µg/L		Not Detected			12.9	- 30
Dup	Naphthalene	47.09		µg/L		0.65			1.31	- 30
Dup	Tetrachloroethylene	56.40		µg/L		<0.50			10.6	- 30
Dup	Toluene	47.35		µg/L		<1.00			11.2	- 30
Dup	trans-1,2-Dichloroethene	48.31		µg/L					11.5	- 30
Dup	Trichloroethene	42.76		µg/L					7.37	- 30
Dup	Vinyl chloride	41.25		µg/L		Not Detected			7.39	- 30
Matrix Spike	1,1,1-Trichloroethane	50.91		µg/L	50	1.83	98.2	70 - 130		
Matrix Spike	1,1-Dichloroethene	53.02		µg/L						
Matrix Spike	1,2,4-Trimethylbenzene	52.74		µg/L	50	Not Detected	105	70 - 130		
Matrix Spike	1,2-Dichloroethane	56.02		µg/L	50	Not Detected	112	70 - 130		
Matrix Spike	Benzene	54.43		µg/L	50	<1.00	109	70 - 130		
Matrix Spike	Chlorobenzene	45.92		µg/L	50	Not Detected	91.8	70 - 130		
Matrix Spike	cis-1,2-Dichloroethene	53.26		µg/L	50	Not Detected	107	70 - 130		
Matrix Spike	Dichloromethane	63.99		µg/L	50	Not Detected	128	70 - 130		
Matrix Spike	Naphthalene	47.71		µg/L	50	0.65	94.1	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 5/6/2025

Report Time : 16:37

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Tetrachloroethylene	62.74		µg/L	50	<0.50	125	70 - 130		
Matrix Spike	Toluene	52.96		µg/L	50	<1.00	106	70 - 130		
Matrix Spike	trans-1,2-Dichloroethene	54.19		µg/L						
Matrix Spike	Trichloroethene	46.03		µg/L						
Matrix Spike	Vinyl chloride	38.31		µg/L	50	Not Detected	76.6	70 - 130		

AA21908

MB	1,1,1-Trichloroethane	Not Detected		µg/L						
MB	1,1,2-Trichloroethane	Not Detected		µg/L						
MB	1,1-Dichloroethene	Not Detected		µg/L						
MB	1,2,4-Trimethylbenzene	Not Detected		µg/L						
MB	1,2-Dichloroethane	Not Detected		µg/L						
MB	1,2-Dichloropropane	Not Detected		µg/L						
MB	1,3,5-Trimethylbenzene	Not Detected		µg/L						
MB	2-Hexanone	Not Detected		µg/L						
MB	Acetone	Not Detected		µg/L						
MB	Benzene	Not Detected		µg/L						
MB	Chlorobenzene	Not Detected		µg/L						
MB	Chloroform	Not Detected		µg/L						
MB	cis-1,2-Dichloroethene	Not Detected		µg/L						
MB	Dichloromethane	Not Detected		µg/L						
MB	Ethylbenzene	Not Detected		µg/L						
MB	Gasoline Range Organics	25.80		µg/L						
MB	m&p-Xylene	Not Detected		µg/L						
MB	Methyl t-butyl ether	Not Detected		µg/L						
MB	Naphthalene	Not Detected		µg/L						
MB	o-Xylene	Not Detected		µg/L						
MB	Tetrachloroethylene	Not Detected		µg/L						
MB	Toluene	Not Detected		µg/L						
MB	trans-1,2-Dichloroethene	Not Detected		µg/L						
MB	Trichloroethene	Not Detected		µg/L						
MB	Vinyl chloride	Not Detected		µg/L						
MB	Xylene, total	Not Detected		µg/L						

AA21909

LCS	1,1,1-Trichloroethane	55.52		µg/L			111	70 - 130		
LCS	1,1,2-Trichloroethane	46.03		µg/L			92.1	70 - 130		
LCS	1,1-Dichloroethene	64.73		µg/L			129	70 - 130		
LCS	1,2,4-Trimethylbenzene	40.93		µg/L			81.9	70 - 130		
LCS	1,2-Dichloroethane	46.93		µg/L			93.9	70 - 130		
LCS	1,2-Dichloropropane	46.20		µg/L			92.4	70 - 130		
LCS	1,3,5-Trimethylbenzene	39.59		µg/L			79.2	70 - 130		
LCS	2-Hexanone	35.54		µg/L			71.1	70 - 130		
LCS	Acetone	47.63		µg/L			95.3	70 - 130		
LCS	Benzene	49.32		µg/L			98.6	70 - 130		
LCS	Chloroform	57.30		µg/L			115	70 - 130		
LCS	cis-1,2-Dichloroethene	50.38		µg/L			101	70 - 130		
LCS	Dichloromethane	61.62		µg/L			123	70 - 130		
LCS	Ethylbenzene	46.18		µg/L			92.4	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 5/6/2025

Report Time : 16:37

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Gasoline Range Organics	137.91		µg/L						
LCS	m&p-Xylene	89.61		µg/L			89.6	70 - 130		
LCS	Methyl t-butyl ether	55.23		µg/L			110	70 - 130		
LCS	Naphthalene	35.25		µg/L			70.5	70 - 130		
LCS	o-Xylene	48.30		µg/L			96.6	70 - 130		
LCS	Tetrachloroethylene	35.03		µg/L			70.1	70 - 130		
LCS	Toluene	46.61		µg/L			93.2	70 - 130		
LCS	trans-1,2-Dichloroethene	49.91		µg/L			99.8	70 - 130		
LCS	Trichloroethene	44.83		µg/L			89.7	70 - 130		
LCS	Vinyl chloride									
LCS	Xylene, total	137.91		µg/L			91.9	70 - 130		

AA21910

LCS	1,1,1-Trichloroethane	57.24		µg/L			114	70 - 130		
LCS	1,1,2-Trichloroethane	42.59		µg/L			85.2	70 - 130		
LCS	1,1-Dichloroethene	37.09		µg/L			74.2	70 - 130		
LCS	1,2,4-Trimethylbenzene	56.23		µg/L						
LCS	1,2-Dichloroethane	61.35		µg/L			123	70 - 130		
LCS	1,2-Dichloropropane	58.54		µg/L			117	70 - 130		
LCS	1,3,5-Trimethylbenzene	46.44		µg/L						
LCS	2-Hexanone	48.82		µg/L			97.6	70 - 130		
LCS	Acetone	50.98		µg/L			102	70 - 130		
LCS	Benzene	59.28		µg/L			119	70 - 130		
LCS	Chlorobenzene	48.47		µg/L			96.9	70 - 130		
LCS	Chloroform	51.86		µg/L			104	70 - 130		
LCS	cis-1,2-Dichloroethene	58.81		µg/L			118	70 - 130		
LCS	Dichloromethane	62.85		µg/L			126	70 - 130		
LCS	Ethylbenzene	58.49		µg/L			117	70 - 130		
LCS	Gasoline Range Organics	134.15		µg/L			91.1			
LCS	m&p-Xylene	115.09		µg/L			115	70 - 130		
LCS	Methyl t-butyl ether	53.31		µg/L			107	70 - 130		
LCS	Naphthalene	50.40		µg/L			101	70 - 130		
LCS	o-Xylene	60.87		µg/L			122	70 - 130		
LCS	Tetrachloroethylene	63.30		µg/L			127	70 - 130		
LCS	Toluene	55.25		µg/L			110	70 - 130		
LCS	trans-1,2-Dichloroethene	55.09		µg/L			110	70 - 130		
LCS	Trichloroethene	45.90		µg/L			91.8	70 - 130		
LCS	Vinyl chloride	51.90		µg/L			104	70 - 130		
LCS	Xylene, total	175.96		µg/L			117	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

June 02, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason, Tad Stout

Project Name : CIT.CO.1054

Project Number : 1054

Attached are the analytical results for CIT.CO.1054 1054 received by Elevation Diagnostics, Division of Environmental Testing on May 16, 2025. This is associated with Elevation's number AA22927 .

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: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, WY 82834
 Phone: 307-262-8975, 970-381-7363
 Project Contact: Joel Mason, Tad Stout

Project Name/Number: CIT.CO.1054
 Project Location: McCormick 24-3#6
 Collector Name: Tad Stout

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested							Interim report requested								
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full Suite									<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Notes					
1	MC_24-3#6_GW_BG	5/13/2025	16:50	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3 voa's (1) 250ml
2																											
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											



Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: _____
 Relinquished By: _____ Date/Time: 2025-05-16-015

Lab Use Only
 Observed Temperature Upon Receipt: 3.6°C
 Corrected Temperature Upon Receipt: 4.9°C
 Thermometer #: EDXEQ238
 Correction Factor: +1.3°C
 Samples Intact: Yes No
 pH Checked: Yes No
 pH Adjusted: Yes No
 PFAS rec'd on ice: Yes No NA
 Name/Lot Number of Adjustment: NA
 Lot/EQM Number: _____

Scan to Deliver Samples



EFOR-008.005



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/2/2025

Report Time : 11:45

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA22927-1	MC_24-3#6_GW_BG	Collected : 05/16/2025	16:50				
Anions - Chloride		05/21/2025	10:04	101.00	148.35	mg/L	0.20 EPA 300.0
Anions - Sulfate		05/21/2025	10:04	101.00	1209.29	mg/L	0.20 EPA 300.0
Total Dissolved Solids		05/23/2025	11:18		2346	mg/L	10.00 SM2540C, EPA160.1
AA22927-2	MC_24-3#6_GW_BG	Collected : 05/16/2025	16:50				
Volatile Organic Compounds - 1,2,4-Trimethylbenzene		05/27/2025	12:23		Not Detected	µg/L	1.00 EPA 8260d
Volatile Organic Compounds - 1,3,5-Trimethylbenzene		05/27/2025	12:23		Not Detected	µg/L	1.00 EPA 8260d
Volatile Organic Compounds - Benzene		05/27/2025	12:23		Not Detected	µg/L	1.00 EPA 8260d
Volatile Organic Compounds - Ethylbenzene		05/27/2025	12:23		Not Detected	µg/L	1.00 EPA 8260d
Volatile Organic Compounds - m&p-Xylene		05/27/2025	12:23		Not Detected	µg/L	1.81 EPA 8260d
Volatile Organic Compounds - Naphthalene		05/27/2025	12:23		<0.50	µg/L	0.50 EPA 8260d
Volatile Organic Compounds - o-Xylene		05/27/2025	12:23		Not Detected	µg/L	0.99 EPA 8260d
Volatile Organic Compounds - Toluene		05/27/2025	12:23		Not Detected	µg/L	1.00 EPA 8260d
Volatile Organic Compounds - Xylenes, total		05/27/2025	12:23		Not Detected	µg/L	2.80 EPA 8260d



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

FINAL RESULTS REPORT

Report Date : 6/2/2025

Report Time : 11:45

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
TDS-8873										
MB	AA23206	<10.00	10.00	mg/L						
LCS	AA23207	492	10	mg/L	500		98.4	85 - 115		
DUP	AA23208	492		mg/L					1.21	- 20
LCS	AA23208	498	10	mg/L	500		99.6	85 - 115		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/2/2025

Report Time : 11:45

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
ANIONS-8835										
AA22927										
Dup	Chloride	331.08		ppm		148.35			0.211	- 15
Dup	Sulfate	1417.07		ppm		1209.29			0.382	- 15
Matrix Spike	Chloride	331.78		ppm	202	148.35	90.8	80 - 120		
Matrix Spike	Sulfate	1411.67		ppm	202	1209.29	100	80 - 120		
AA23100										
MB	Chloride	Not Detected		ppm						
MB	Nitrate	Not Detected		ppm						
MB	Nitrite	Not Detected		ppm						
MB	Sulfate	Not Detected		ppm						
AA23101										
LCS	Chloride	1.82		ppm			91.0	90 - 110		
LCS	Nitrate	1.87		ppm			93.5	90 - 110		
LCS	Nitrite	1.92		ppm			96.0	90 - 110		
LCS	Sulfate	1.91		ppm			95.5	90 - 110		
AA23102										
LCS	Chloride	1.85		ppm			92.5	90 - 110		
LCS	Nitrate	1.92		ppm			96.0	90 - 110		
LCS	Nitrite	1.93		ppm			96.5	90 - 110		
LCS	Sulfate	1.97		ppm			98.5	90 - 110		
VOC 8260 W-8887										
AA22731										
Dup	1,1,1-Trichloroethane	39.13		µg/L		Not Detected			5.43	- 30
Dup	1,1,2,2-Tetrachloroethane	74.16		µg/L		Not Detected			1.07	- 30
Dup	1,1,2-Trichloroethane	64.46		µg/L		Not Detected			3.92	- 30
Dup	1,1-Dichloroethene	32.84		µg/L					4.52	- 30
Dup	1,2-Dichloroethane	58.99		µg/L		Not Detected			1.93	- 30
Dup	1,2-Dichloropropane	35.61		µg/L		Not Detected			3.72	- 30
Dup	1,3-Dichloropropane	61.01		µg/L		Not Detected			0.0492	- 30
Dup	Acrolein	69.47		µg/L		Not Detected			8.70	- 30
Dup	Benzene	60.25		µg/L		Not Detected			2.22	- 30
Dup	Bromoform	63.58		µg/L		Not Detected			2.03	- 30
Dup	Bromomethane	42.81		µg/L					2.67	- 30
Dup	Carbon tetrachloride	35.09		µg/L		Not Detected			4.73	- 30
Dup	Chlorobenzene	36.66		µg/L		Not Detected			4.15	- 30
Dup	Chloroform	34.02		µg/L		<1.00			2.47	- 30
Dup	Chloromethane	45.53		µg/L					1.98	- 30
Dup	Ethylbenzene	36.16		µg/L		Not Detected			4.21	- 30
Dup	m&p-Xylene	115.32		µg/L		Not Detected			4.32	- 30
Dup	o-Xylene	37.78		µg/L		Not Detected			6.00	- 30
Dup	Tetrachloroethylene	44.99		µg/L		Not Detected			2.89	- 30
Dup	Toluene	37.24		µg/L		<1.00			5.38	- 30
Dup	trans-1,2-Dichloroethene	66.40		µg/L					11.3	- 30
Dup	Trichloroethene	30.99		µg/L					4.93	- 30
Dup	Vinyl chloride	36.10		µg/L		Not Detected			1.02	- 30



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/2/2025

Report Time : 11:45

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Xylene, total	153.10		µg/L					4.73	- 30
Matrix Spike	1,1,1-Trichloroethane	37.06		µg/L	50	Not Detected	74.1	70 - 130		
Matrix Spike	1,1,2,2-Tetrachloroethane	73.37		µg/L	50	Not Detected	147	70 - 130		
Matrix Spike	1,1,2-Trichloroethane	61.98		µg/L	50	Not Detected	124	70 - 130		
Matrix Spike	1,1-Dichloroethene	31.39		µg/L						
Matrix Spike	1,2-Dichloroethane	57.86		µg/L	50	Not Detected	116	70 - 130		
Matrix Spike	1,2-Dichloropropane	34.31		µg/L	50	Not Detected	68.6	70 - 130		
Matrix Spike	1,3-Dichloropropane	60.98		µg/L	50	Not Detected	122	70 - 130		
Matrix Spike	Acrolein	63.68		µg/L	50	Not Detected	127	70 - 130		
Matrix Spike	Benzene	58.93		µg/L	50	Not Detected	118	70 - 130		
Matrix Spike	Bromoform	62.30		µg/L	50	Not Detected	125	70 - 130		
Matrix Spike	Bromomethane	41.68		µg/L						
Matrix Spike	Carbon tetrachloride	33.47		µg/L	50	Not Detected	66.9	70 - 130		
Matrix Spike	Chlorobenzene	35.17		µg/L	50	Not Detected	70.3	70 - 130		
Matrix Spike	Chlorodibromomethane	59.14		µg/L	50	Not Detected	118	70 - 130		
Matrix Spike	Chloroform	33.19		µg/L	50	<1.00	66.4	70 - 130		
Matrix Spike	Chloromethane	46.44		µg/L						
Matrix Spike	Ethylbenzene	34.67		µg/L	50	Not Detected	69.3	70 - 130		
Matrix Spike	m&p-Xylene	110.44		µg/L	100	Not Detected	110	70 - 130		
Matrix Spike	o-Xylene	35.58		µg/L	50	Not Detected	71.2	70 - 130		
Matrix Spike	Tetrachloroethylene	43.71		µg/L	50	Not Detected	87.4	70 - 130		
Matrix Spike	Toluene	35.29		µg/L	50	<1.00	70.6	70 - 130		
Matrix Spike	trans-1,2-Dichloroethene	40.75		µg/L						
Matrix Spike	Trichloroethene	29.50		µg/L						
Matrix Spike	Vinyl chloride	36.47		µg/L	50	Not Detected	72.9	70 - 130		
Matrix Spike	Xylene, total	146.02		µg/L						

AA23243

MB	1,1,1-Trichloroethane	Not Detected		µg/L						
MB	1,1,2,2-Tetrachloroethane	Not Detected		µg/L						
MB	1,1,2-Trichloroethane	Not Detected		µg/L						
MB	1,1-Dichloroethene	Not Detected		µg/L						
MB	1,2,4-Trimethylbenzene	Not Detected		µg/L						
MB	1,2-Dichloroethane	Not Detected		µg/L						
MB	1,2-Dichloropropane	Not Detected		µg/L						
MB	1,3,5-Trimethylbenzene	Not Detected		µg/L						
MB	1,3-Dichloropropane	Not Detected		µg/L						
MB	Acrolein	Not Detected		µg/L						
MB	Benzene	Not Detected		µg/L						
MB	Bromoform	Not Detected		µg/L						
MB	Bromomethane	<2.79		µg/L						
MB	Carbon tetrachloride	Not Detected		µg/L						
MB	Chlorobenzene	Not Detected		µg/L						
MB	Chlorodibromomethane	Not Detected		µg/L						
MB	Chloroform	<1.00		µg/L						
MB	Chloromethane	<2.63		µg/L						
MB	Ethylbenzene	Not Detected		µg/L						
MB	Gasoline Range Organics	25.80		µg/L						



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/2/2025

Report Time : 11:45

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	m&p-Xylene	Not Detected		µg/L						
MB	o-Xylene	Not Detected		µg/L						
MB	Tetrachloroethylene	Not Detected		µg/L						
MB	Toluene	<1.00		µg/L						
MB	trans-1,2-Dichloroethene	Not Detected		µg/L						
MB	Trichloroethene	Not Detected		µg/L						
MB	Vinyl chloride	Not Detected		µg/L						
MB	Xylene, total	Not Detected		µg/L						

AA23244

LCS	1,1,1-Trichloroethane	35.20		µg/L			70.4	70 - 130		
LCS	1,1,2,2-Tetrachloroethane	66.91		µg/L			114	70 - 130		
LCS	1,1,2-Trichloroethane	60.35		µg/L			121	70 - 130		
LCS	1,1-Dichloroethene	35.03		µg/L			70.1	70 - 130		
LCS	1,2,4-Trimethylbenzene	36.06		µg/L			72.1	70 - 130		
LCS	1,2-Dichloroethane	60.73		µg/L			121	70 - 130		
LCS	1,2-Dichloropropane	36.71		µg/L			73.4	70 - 130		
LCS	1,3,5-Trimethylbenzene	37.32		µg/L			74.6	70 - 130		
LCS	1,3-Dichloropropane	59.24		µg/L			118	70 - 130		
LCS	Acrolein	50.27		µg/L			101	70 - 130		
LCS	Benzene	57.40		µg/L			115	70 - 130		
LCS	Bromoform	61.55		µg/L			123	70 - 130		
LCS	Bromomethane	49.64		µg/L			99.3	70 - 130		
LCS	Carbon tetrachloride	35.82		µg/L			71.6	70 - 130		
LCS	Chlorobenzene	35.41		µg/L			70.8	70 - 130		
LCS	Chlorodibromomethane	59.23		µg/L			118	70 - 130		
LCS	Chloroform	35.44		µg/L			70.9	70 - 130		
LCS	Chloromethane	60.20		µg/L			120	70 - 130		
LCS	Ethylbenzene	36.12		µg/L			72.2	70 - 130		
LCS	Gasoline Range Organics	60.49		µg/L			120	70 - 130		
LCS	m&p-Xylene	73.47		µg/L			73.5	70 - 130		
LCS	Naphthalene	37.39		µg/L						
LCS	o-Xylene	35.35		µg/L			70.7	70 - 130		
LCS	Tetrachloroethylene	45.32		µg/L			90.6	70 - 130		
LCS	Toluene	35.53		µg/L			71.1	70 - 130		
LCS	trans-1,2-Dichloroethene	62.01		µg/L			124	70 - 130		
LCS	Trichloroethene	37.72		µg/L			75.4	70 - 130		
LCS	Vinyl chloride	45.81		µg/L			91.6	70 - 130		
LCS	Xylene, total	108.82		µg/L			72.5	70 - 130		

AA23245

LCS	1,1,1-Trichloroethane	37.59		µg/L			75.2	70 - 130		
LCS	1,1,2,2-Tetrachloroethane	67.68		µg/L			115	70 - 130		
LCS	1,1,2-Trichloroethane	64.80		µg/L			130	70 - 130		
LCS	1,1-Dichloroethene	37.34		µg/L			74.7	70 - 130		
LCS	1,2,4-Trimethylbenzene	37.40		µg/L			74.8	70 - 130		
LCS	1,2-Dichloroethane	62.92		µg/L			126	70 - 130		
LCS	1,2-Dichloropropane	39.71		µg/L			79.4	70 - 130		
LCS	1,3,5-Trimethylbenzene	38.78		µg/L			77.6	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

FINAL RESULTS REPORT

Report Date : 6/2/2025

Report Time : 11:45

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	1,3-Dichloropropane	64.47		µg/L			129	70 - 130		
LCS	Acrolein	49.68		µg/L			99.4	70 - 130		
LCS	Benzene	59.62		µg/L			119	70 - 130		
LCS	Bromoform	62.21		µg/L			124	70 - 130		
LCS	Bromomethane	48.57		µg/L			97.1	70 - 130		
LCS	Carbon tetrachloride	37.96		µg/L			75.9	70 - 130		
LCS	Chlorobenzene	36.71		µg/L			73.4	70 - 130		
LCS	Chlorodibromomethane	60.43		µg/L			121	70 - 130		
LCS	Chloroform	38.55		µg/L			77.1	70 - 130		
LCS	Chloromethane	57.04		µg/L			114	70 - 130		
LCS	Ethylbenzene	37.55		µg/L			75.1	70 - 130		
LCS	Gasoline Range Organics	153.47		µg/L			124			
LCS	m&p-Xylene	76.38		µg/L			76.4	70 - 130		
LCS	Naphthalene	38.36		µg/L						
LCS	o-Xylene	36.63		µg/L			73.3	70 - 130		
LCS	Tetrachloroethylene	40.89		µg/L			81.8	70 - 130		
LCS	Toluene	38.07		µg/L			76.1	70 - 130		
LCS	trans-1,2-Dichloroethene	64.38		µg/L			129	70 - 130		
LCS	Trichloroethene	38.49		µg/L			77.0	70 - 130		
LCS	Vinyl chloride	44.68		µg/L			89.4	70 - 130		
LCS	Xylene, total	113.01		µg/L			75.3	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

June 02, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason/Tad Stout

Project Name : McCormick

Project Number : 51-cit.co.1054

Attached are the analytical results for McCormick 51-cit.co.1054 received by Elevation Diagnostics, Division of Environmental Testing on May 23, 2025. This is associated with Elevation's number AA23381 .

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: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, Wyoming 82834
 Phone: (307) 262-8975, (970) 381-7363
 Project Contact: Joel Mason / Tad Stout

Project Name/Number: 51 - CIT.CO.1054
 Project Location: McCormick 24-3 #6
 Collector Name: C.Rice

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested						Interim report requested		
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full Suite	<input checked="checked" type="checkbox"/> Yes	<input type="checkbox"/> No						
1	MC24-3_08@17'	5/22/2025	10:23	3			<input checked="checked" type="checkbox"/>			<input checked="checked" type="checkbox"/>		<input checked="checked" type="checkbox"/>								Notes Table 915 Full Suite Organics 1st
2			10:23																	
3	MC24-3_12@22'	5/22/2025	14:40	3			<input checked="checked" type="checkbox"/>			<input checked="checked" type="checkbox"/>		<input checked="checked" type="checkbox"/>								Rush
4																				
5																				
6																				
7																				
8																				
9																				
10																				



EFOR-008.005

Relinquished By: GMC Rice
 Date/Time: 5/23/2025 @ 14:41

Relinquished By:
 Date/Time:

Relinquished By:
 Date/Time:

Lab Use Only
 Observed Temperature Upon Receipt: 9.4C
 Corrected Temperature Upon Receipt: 4.7C
 Thermometer #: EDX248
 Correction Factor: 1.3C

Samples Intact: Yes No
 pH Checked: Yes No
 pH Adjusted: Yes No
 PFAS rec'd on ice: Yes No
 Name/Lot Number of Adjustment: N/A
2025-05-23-017
 Lot/EQM Number: N/A



Division of Environmental Testing

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

Report Date : 6/2/2025

Report Time : 15:41

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-cit.co.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA23381-1	MC24-3_08@17'	Collected : 05/22/2025	10:23				
EC & pH soil by saturated paste - EC, soil		05/28/2025	00:00	2.31	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		05/28/2025	00:00	24.7	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		05/28/2025	00:00	8.86	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		06/02/2025	09:36	1.77 - D2	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		06/02/2025	09:36	1.68	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		06/02/2025	09:36	14.57	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		06/02/2025	09:36	11.09	No Unit		EPA 6020B
AA23381-2	MC24-3_08@17'	Collected : 05/22/2025	10:23				
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		05/28/2025	16:30	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		05/28/2025	16:30	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		05/28/2025	16:30	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		05/28/2025	16:30	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		05/28/2025	16:30	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		05/28/2025	16:30	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		05/28/2025	16:30	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		05/28/2025	16:30	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		05/28/2025	16:30	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		05/28/2025	16:30	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		05/28/2025	16:30	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		05/28/2025	16:30	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		05/28/2025	16:30	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		05/28/2025	16:30	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		05/28/2025	16:30	Not Detected	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	<0.0024	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	<0.27	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
AA23381-3	MC24-3_08@17'	Collected : 05/22/2025	10:23				
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	0.49	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		05/30/2025	00:00	10.00	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		05/30/2025	00:00	10.00	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		05/30/2025	00:00	10.00	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		05/30/2025	00:00	10.00	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		05/30/2025	00:00	10.00	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		05/30/2025	00:00	10.00	mg/kg	0.025	EPA 6020B



Division of Environmental Testing

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

Report Date : 6/2/2025

Report Time : 15:41

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-cit.co.1054

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	4.22	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		05/30/2025 00:00	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		05/30/2025 00:00	10.00	24.88	mg/kg	0.025	EPA 6020B

AA23382-1 MC24-3_12@22' **Collected :** 05/22/2025 14:40

EC & pH soil by saturated paste - EC, soil	05/28/2025 15:14			2.95	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	05/28/2025 15:14			24.70	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	05/28/2025 15:14			8.35	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	05/29/2025 08:04	10.00		4.08	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	05/29/2025 08:04	10.00		3.16	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	05/29/2025 08:04	10.00		20.48	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	05/29/2025 08:04	10.00		10.76	No Unit		EPA 6020B

AA23382-2 MC24-3_12@22' **Collected :** 05/22/2025 14:40

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	05/28/2025 16:30			Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	05/28/2025 16:30			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	05/28/2025 16:30			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	05/28/2025 16:30			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	05/28/2025 16:30			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	05/28/2025 16:30			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	05/28/2025 16:30			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	05/28/2025 16:30			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	05/28/2025 16:30			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	05/28/2025 16:30			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	05/28/2025 16:30			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	05/28/2025 16:30			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene	05/28/2025 16:30			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene	05/28/2025 16:30			Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene	05/28/2025 16:30			Not Detected	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			<0.0024	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			<0.27	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

AA23382-3 MC24-3_12@22' **Collected :** 05/22/2025 14:40

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			0.57	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	05/30/2025 00:00	10.00		3.36	mg/kg	0.025	EPA 6020B



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/2/2025

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FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-cit.co.1054

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	80.02	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		05/30/2025 00:00	10.00	0.06	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		05/30/2025 00:00	10.00	6.99	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		05/30/2025 00:00	10.00	4.38	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		05/30/2025 00:00	10.00	4.63	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		05/30/2025 00:00	10.00	2.12	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		05/30/2025 00:00	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		05/30/2025 00:00	10.00	27.09	mg/kg	0.025	EPA 6020B



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FINAL RESULTS REPORT

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Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-cit.co.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-8942										
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		
CHROM_VI_SOIL-8948										
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: McCormick

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QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO ORO SOIL-8934										
AA23355										
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		
AA23406										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA23407										
LCS	DRO	313.34		mg/kg			89.5	70 - 130		
LCS	ORO	297.72		mg/kg			85.1	50 - 150		
AA23408										
LCS	DRO	273.25		mg/kg			78.1	70 - 130		
LCS	ORO	274.08		mg/kg			78.3	50 - 150		
EC PH-8973										
AA23381										
Dup	EC, soil	2.39	0.0005	mmhos/cm		2.31			3.40	- 5
Dup	pH soil Temperature	24.90		°C		24.7				
Dup	pH, soil	8.87	0.01	SU		8.86			0.113	- 5
AA23555										
LCS	EC, soil	10.32	0.0005	mmhos/cm			103	85 - 115		
LCS	pH, soil	6.84	0.01	SU			99.7	85 - 115		
AA23556										
LCS	EC, soil	10.45	0.0005	mmhos/cm			104	85 - 115		
LCS	pH, soil	6.82	0.01	SU			99.4	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		



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Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-cit.co.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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		
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-8974

AA23381

Dup	Calcium	2.24		mEq/L	23.4	1.77			23.4	- 20
Dup	Magnesium	1.94		mEq/L	14.4	1.68			14.4	- 20
Dup	Sodium	16.50		mEq/L	12.4	14.57			12.4	- 20
Dup	Sodium Adsorption Ratio	1.42		mEq/L	2.93	11.09			2.93	- 20

AA23557

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

AA23558



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-cit.co.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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		

AA23559

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-8969

AA23300

Dup	1-methylnaphthalene	0.262	0.010	mg/kg		Not Detected			6.64	- 30
Dup	2-methylnaphthalene	0.200	0.010	mg/kg		Not Detected			10.4	- 30
Dup	Acenaphthene	0.306	0.010	mg/kg		Not Detected			0.656	- 30
Dup	Anthracene	0.348	0.010	mg/kg		Not Detected			12.8	- 30
Dup	Benz(a)anthracene	0.204	0.010	mg/kg		Not Detected			6.64	- 30
Dup	Benzo(a)pyrene	0.329	0.010	mg/kg		Not Detected			6.92	- 30
Dup	Benzo(b)fluoranthene	0.282	0.010	mg/kg		Not Detected			12.0	- 30
Dup	Benzo(k)fluoranthene	0.248	0.010	mg/kg		Not Detected			7.00	- 30
Dup	Chrysene	0.284	0.010	mg/kg		Not Detected			29.5	- 30
Dup	Dibenz(a,h)anthracene	0.266	0.010	mg/kg		Not Detected			14.9	- 30
Dup	Fluoranthene	0.318	0.010	mg/kg		Not Detected			1.27	- 30
Dup	Fluorene	0.342	0.010	mg/kg		Not Detected			6.65	- 30
Dup	Indeno(1,2,3-cd)pyrene	0.279	0.010	mg/kg		Not Detected			10.2	- 30
Dup	Naphthalene	0.278	0.010	mg/kg		Not Detected			3.66	- 30
Dup	Pyrene	0.314	0.010	mg/kg		Not Detected			0.960	- 30
Matrix Spike	1-methylnaphthalene	0.280	0.010	mg/kg	0.300	Not Detected	93.3	70 - 130		
Matrix Spike	2-methylnaphthalene	0.222	0.010	mg/kg	0.300	Not Detected	74.0	70 - 130		
Matrix Spike	Acenaphthene	0.304	0.010	mg/kg	0.300	Not Detected	101	70 - 130		
Matrix Spike	Anthracene	0.306	0.010	mg/kg	0.300	Not Detected	102	70 - 130		
Matrix Spike	Benz(a)anthracene	0.218	0.010	mg/kg	0.300	Not Detected	72.7	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.307	0.010	mg/kg	0.300	Not Detected	102	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.318	0.010	mg/kg	0.300	Not Detected	106	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.266	0.010	mg/kg	0.300	Not Detected	88.7	70 - 130		
Matrix Spike	Chrysene	0.211	0.010	mg/kg	0.300	Not Detected	70.3	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.229	0.010	mg/kg	0.300	Not Detected	76.3	70 - 130		
Matrix Spike	Fluoranthene	0.314	0.010	mg/kg	0.300	Not Detected	105	70 - 130		
Matrix Spike	Fluorene	0.320	0.010	mg/kg	0.300	Not Detected	107	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.252	0.010	mg/kg	0.300	Not Detected	84.0	70 - 130		
Matrix Spike	Naphthalene	0.268	0.010	mg/kg	0.300	Not Detected	89.3	70 - 130		
Matrix Spike	Pyrene	0.311	0.010	mg/kg	0.300	Not Detected	104	70 - 130		

AA23484

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						



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-cit.co.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Benz(a)anthracene	<0.010	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						

AA23485

LCS	1-methylnaphthalene	0.310	0.010	mg/kg			103	70 - 130		
LCS	2-methylnaphthalene	0.310	0.010	mg/kg			103	70 - 130		
LCS	Acenaphthene	0.329	0.010	mg/kg			110	70 - 130		
LCS	Anthracene	0.320	0.010	mg/kg			107	70 - 130		
LCS	Benz(a)anthracene	0.232	0.010	mg/kg			77.3	70 - 130		
LCS	Benzo(a)pyrene	0.246	0.010	mg/kg			82.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.287	0.010	mg/kg			95.7	70 - 130		
LCS	Benzo(k)fluoranthene	0.249	0.010	mg/kg			83.0	70 - 130		
LCS	Chrysene	0.250	0.010	mg/kg			83.3	70 - 130		
LCS	Dibenz(a,h)anthracene	0.235	0.010	mg/kg			78.3	70 - 130		
LCS	Fluoranthene	0.307	0.010	mg/kg			102	70 - 130		
LCS	Fluorene	0.357	0.010	mg/kg			119	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.282	0.010	mg/kg			94.0	70 - 130		
LCS	Naphthalene	0.313	0.010	mg/kg			104	70 - 130		
LCS	Pyrene	0.310	0.010	mg/kg			103	70 - 130		

AA23486

LCS	1-methylnaphthalene	0.333	0.010	mg/kg			111	70 - 130		
LCS	2-methylnaphthalene	0.310	0.010	mg/kg			103	70 - 130		
LCS	Acenaphthene	0.346	0.010	mg/kg			115	70 - 130		
LCS	Anthracene	0.313	0.010	mg/kg			104	70 - 130		
LCS	Benz(a)anthracene	0.248	0.010	mg/kg			82.7	70 - 130		
LCS	Benzo(a)pyrene	0.250	0.010	mg/kg			83.3	70 - 130		
LCS	Benzo(b)fluoranthene	0.316	0.010	mg/kg			105	70 - 130		
LCS	Benzo(k)fluoranthene	0.283	0.010	mg/kg			94.3	70 - 130		
LCS	Chrysene	0.264	0.010	mg/kg			88.0	70 - 130		
LCS	Dibenz(a,h)anthracene	0.296	0.010	mg/kg			98.7	70 - 130		
LCS	Fluoranthene	0.328	0.010	mg/kg			109	70 - 130		
LCS	Fluorene	0.368	0.010	mg/kg			123	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.305	0.010	mg/kg			102	70 - 130		
LCS	Naphthalene	0.314	0.010	mg/kg			105	70 - 130		
LCS	Pyrene	0.333	0.010	mg/kg			111	70 - 130		

VOC S-8930

AA23241	Dup	1,2,4-trimethylbenzene	0.0039	mg/kg			<0.0025	5.00		- 30
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Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/2/2025

Report Time : 15:41

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-cit.co.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	1,3,5-trimethylbenzene	<0.005		mg/kg		<0.0051				
Dup	Benzene	0.180		mg/kg		Not Detected			14.4	- 30
Dup	Ethylbenzene	0.009		mg/kg		<0.005			2.20	- 30
Dup	Gasoline Range Organics	35.87		mg/kg		9.17			3.23	
Dup	m&p- xylene	0.017		mg/kg		<0.0043			5.71	- 30
Dup	Naphthalene	0.0012		mg/kg		<0.0050			15.4	- 30
Dup	o-xylene	0.0068		mg/kg		<0.0023			4.32	- 30
Dup	Xylenes, total	0.024		mg/kg		<0.0065			4.08	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.0041		mg/kg	0.050	<0.0025	8.20	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	<0.005		mg/kg	0.050	<0.0051				
Matrix Spike	Benzene	0.208		mg/kg	0.050	Not Detected	416	70 - 130		
Matrix Spike	Ethylbenzene	0.0092		mg/kg	0.050	<0.005	18.4	70 - 130		
Matrix Spike	Gasoline Range Organics	34.73		mg/kg	25.40	9.17	101			
Matrix Spike	m&p- xylene	0.018		mg/kg	0.100	<0.0043	18.0	70 - 130		
Matrix Spike	Naphthalene	0.0014		mg/kg	0.050	<0.0050	2.80	70 - 130		
Matrix Spike	o-xylene	0.0071		mg/kg	0.050	<0.0023	14.2	70 - 130		
Matrix Spike	Xylenes, total	0.025		mg/kg	0.150	<0.0065	16.7	70 - 130		

AA23389

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						

AA23390

LCS	1,2,4-trimethylbenzene	0.047		mg/kg			94.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.045		mg/kg			90.0	70 - 130		
LCS	Benzene	0.048		mg/kg			96.0	70 - 130		
LCS	Ethylbenzene	0.043		mg/kg			86.0	70 - 130		
LCS	Gasoline Range Organics	2.20		mg/kg			86.6			
LCS	m&p- xylene	0.089		mg/kg			89.0	70 - 130		
LCS	Naphthalene	0.045		mg/kg			90.0	70 - 130		
LCS	o-xylene	0.044		mg/kg			88.0	70 - 130		
LCS	Toluene	0.044		mg/kg			88.0	70 - 130		
LCS	Xylenes, total	0.133		mg/kg			88.7	70 - 130		

AA23391

LCS	1,2,4-trimethylbenzene	0.045		mg/kg			90.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.044		mg/kg			88.0	70 - 130		
LCS	Benzene	0.057		mg/kg			114	70 - 130		
LCS	Ethylbenzene	0.046		mg/kg			92.0	70 - 130		
LCS	Gasoline Range Organics	3.28		mg/kg			129			
LCS	m&p- xylene	0.094		mg/kg			94.0	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

FINAL RESULTS REPORT

Report Date : 6/2/2025

Report Time : 15:41

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-cit.co.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Naphthalene	0.036		mg/kg			72.0	70 - 130		
LCS	o-xylene	0.046		mg/kg			92.0	70 - 130		
LCS	Toluene	0.049		mg/kg			98.0	70 - 130		
LCS	Xylenes, total	0.140		mg/kg			93.3	70 - 130		

<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



Division of Environmental Testing

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

June 05, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason/Tad Stout

Project Name : McCormick

Project Number : 51-CIT.CO.1054

Attached are the analytical results for McCormick 51-CIT.CO.1054 received by Elevation Diagnostics, Division of Environmental Testing on May 27, 2025. This is associated with Elevation's number AA23395 .

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: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, Wyoming 82834
 Phone: (307) 262-8975, (970) 381-7363
 Project Contact: Joel Mason / Tad Stout

Project Name/Number: 51 - CIT.CO.1054
 Project Location: McCormick 24-3 #6
 Collector Name: C.Rice

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested						Interim report requested			
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full Suite									<input type="checkbox"/> Yes
1	MC24-3_06@10'	5/22/2025	8:40	3			✓			✓		✓									Notes Table 915 Full Suite AA23395-1 AA23396-1 AA23397-1 AA23398-1 AA23399-1
2			8:40																		
3	MC24-3_07@10'	5/22/2025	9:00	3			✓			✓		✓									
4	MC24-3_09@11'	5/22/2025	10:40	3			✓			✓		✓									
5	MC24-3_10@10'	5/22/2025	11:15	3			✓			✓		✓									
6	MC24-3_11@10'	5/22/2025	14:25	3			✓			✓		✓									
7																					
8																					
9																					
10																					

Relinquished By: CHRIS RICE
 Date/Time: 5/23/2025 @ 14:41

Relinquished By:
 Date/Time:

Relinquished By:
 Date/Time:

Lab Use Only
 Observed Temperature Upon Receipt: 3.4°C
 Corrected Temperature Upon Receipt: 4.7°C
 Thermometer #: EDX EQ 248
 Correction Factor: +1.3°C

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

2025-05-27-001
 Lot/EQM Number: N/A

Scan to Deliver Samples

EFOR-008.005



Division of Environmental Testing

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

Report Date : 6/5/2025

Report Time : 12:48

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA23395-1	MC24-3_06@10'	Collected : 05/22/2025 08:40					
EC & pH soil by saturated paste - EC, soil		05/29/2025	10:45	6.92	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		05/29/2025	10:45	24.00	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		05/29/2025	10:45	8.19	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		05/29/2025	08:12 10.00	16.48	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		05/29/2025	08:12 10.00	7.60	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		05/29/2025	08:12 10.00	38.75	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		05/29/2025	08:12 10.00	11.17	No Unit		EPA 6020B
AA23395-2	MC24-3_06@10'	Collected : 05/22/2025 08:40					
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	0.97	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		05/30/2025	00:00 10.00	6.00	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		05/30/2025	00:00 10.00	209.16	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		05/30/2025	00:00 10.00	0.17	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		05/30/2025	00:00 10.00	11.81	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		05/30/2025	00:00 10.00	9.56	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		05/30/2025	00:00 10.00	10.35	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		05/30/2025	00:00 10.00	3.81	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	45.18	mg/kg	0.025	EPA 6020B
AA23395-3	MC24-3_06@10'	Collected : 05/22/2025 08:40					
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	14:37	<0.00313	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		06/04/2025	14:37	<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		06/04/2025	14:37	<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/04/2025	14:37	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/04/2025	14:37	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	<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



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/5/2025

Report Time : 12:48

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-CIT.CO.1054

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

AA23396-1 MC24-3_07@10' **Collected :** 05/22/2025 09:00

EC & pH soil by saturated paste - EC, soil	05/29/2025 10:45			5.05	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	05/29/2025 10:45			23.60	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	05/29/2025 10:45			8.13	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	05/29/2025 08:12	10.00		11.67	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	05/29/2025 08:12	10.00		5.64	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	05/29/2025 08:12	10.00		35.63	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	05/29/2025 08:12	10.00		12.11	No Unit		EPA 6020B

AA23396-2 MC24-3_07@10' **Collected :** 05/22/2025 09:00

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			0.71	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	05/30/2025 00:00	10.00		5.61	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	05/30/2025 00:00	10.00		192.75	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	05/30/2025 00:00	10.00		0.15	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	05/30/2025 00:00	10.00		10.93	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	05/30/2025 00:00	10.00		8.41	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	05/30/2025 00:00	10.00		8.91	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	05/30/2025 00:00	10.00		3.74	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	05/30/2025 00:00	10.00		<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc	05/30/2025 00:00	10.00		50.98	mg/kg	0.025	EPA 6020B

AA23396-3 MC24-3_07@10' **Collected :** 05/22/2025 09:00

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 14:37			Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene	06/04/2025 14:37			Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene	06/04/2025 14:37			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



Division of Environmental Testing

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

Report Date : 6/5/2025

Report Time : 12:48

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start	Recovery					
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		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		Not Detected	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

AA23397-1 MC24-3_09@11'

Collected : 05/22/2025 10:40

EC & pH soil by saturated paste - EC, soil	05/29/2025 10:45			3.54	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	05/29/2025 10:45			22.80	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	05/29/2025 10:45			8.45	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	05/29/2025 08:12	10.00		2.57	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	05/29/2025 08:12	10.00		1.36	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	05/29/2025 08:12	10.00		20.55	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	05/29/2025 08:12	10.00		14.67	No Unit		EPA 6020B

AA23397-2 MC24-3_09@11'

Collected : 05/22/2025 10:40

Chromium VI, Soil	05/31/2025 17:48			<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	05/29/2025 07:28			0.63	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	05/30/2025 00:00	10.00		5.16	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	05/30/2025 00:00	10.00		82.90	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	05/30/2025 00:00	10.00		0.11	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	05/30/2025 00:00	10.00		10.63	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	05/30/2025 00:00	10.00		7.79	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	05/30/2025 00:00	10.00		11.99	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	05/30/2025 00:00	10.00		2.33	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	05/30/2025 00:00	10.00		<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc	05/30/2025 00:00	10.00		45.12	mg/kg	0.025	EPA 6020B

AA23397-3 MC24-3_09@11'

Collected : 05/22/2025 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 14:37			Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	06/04/2025 14:37			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 : 12:48

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Fluorene		06/04/2025 14:37		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/04/2025 14:37		<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/04/2025 14:37		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/04/2025 14:37		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		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

AA23398-1 MC24-3_10@10'

Collected : 05/22/2025 11:15

EC & pH soil by saturated paste - EC, soil	05/29/2025 10:45			1.68	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	05/29/2025 10:45			22.70	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	05/29/2025 10:45			8.04	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	05/29/2025 08:12	10.00		11.99	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	05/29/2025 08:12	10.00		4.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	05/29/2025 08:12	10.00		2.20	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	05/29/2025 08:12	10.00		0.76	No Unit		EPA 6020B

AA23398-2 MC24-3_10@10'

Collected : 05/22/2025 11:15

Chromium VI, Soil	06/02/2025 10:13			<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	05/29/2025 07:28			0.19	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	05/30/2025 00:00	10.00		5.46	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	05/30/2025 00:00	10.00		195.16	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	05/30/2025 00:00	10.00		0.12	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	05/30/2025 00:00	10.00		9.35	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	05/30/2025 00:00	10.00		8.30	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	05/30/2025 00:00	10.00		8.23	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	05/30/2025 00:00	10.00		3.96	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	05/30/2025 00:00	10.00		<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc	05/30/2025 00:00	10.00		41.63	mg/kg	0.025	EPA 6020B

AA23398-3 MC24-3_10@10'

Collected : 05/22/2025 11:15

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 14:37			Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	06/04/2025 14:37			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	06/04/2025 14:37			<0.010	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 : 12:48

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Benzo(b)fluoranthene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/04/2025	14:37	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		05/29/2025	00:00	Not Detected	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	Not Detected	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	Not Detected	mg/kg	0.00654	EPA 8260

AA23399-1 MC24-3_11@10'

Collected : 05/22/2025 14:25

EC & pH soil by saturated paste - EC, soil	05/29/2025	10:45		2.21	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	05/29/2025	10:45		22.90	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	05/29/2025	10:45		8.14	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	05/29/2025	08:12	10.00	2.93	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	05/29/2025	08:12	10.00	1.18	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	05/29/2025	08:12	10.00	11.60	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	05/29/2025	08:12	10.00	8.10	No Unit		EPA 6020B

AA23399-2 MC24-3_11@10'

Collected : 05/22/2025 14:25

Chromium VI, Soil	06/02/2025	10:13		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	05/29/2025	07:28		0.52	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	05/30/2025	00:00	10.00	5.62	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	05/30/2025	00:00	10.00	198.31	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	05/30/2025	00:00	10.00	0.12	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	05/30/2025	00:00	10.00	9.27	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	05/30/2025	00:00	10.00	8.37	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	05/30/2025	00:00	10.00	8.20	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	05/30/2025	00:00	10.00	4.27	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	05/30/2025	00:00	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc	05/30/2025	00:00	10.00	34.99	mg/kg	0.025	EPA 6020B

AA23399-3 MC24-3_11@10'

Collected : 05/22/2025 14:25

DRO & ORO, Soil - DRO	05/30/2025	10:09		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	05/30/2025	10:09		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	06/04/2025	14:37		Not Detected	mg/kg	0.00313	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 : 12:48

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - 2-methylnaphthalene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/04/2025	14:37	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/04/2025	14:37	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		05/29/2025	14:45	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		05/29/2025	14:45	<0.005	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		05/29/2025	14:45	Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		05/29/2025	14:45	Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		05/29/2025	14:45	Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		05/29/2025	14:45	Not Detected	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		05/29/2025	14:45	<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		05/29/2025	14:45	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		05/29/2025	14:45	<0.0065	mg/kg	0.00654	EPA 8260



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FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-8942										
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		
CHROM_VI_SOIL-8946										
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		
CHROM_VI_SOIL-8948										
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		
CHROM_VI_SOIL-8955										
DUP	AA23304	<0.08	0.080	mg/kg						
MB	AA23461	<0.08		mg/kg						
LCS	AA23463	1.40		mg/kg	1.62		86.4	80 - 120		
LCS	AA23464	1.39		mg/kg	1.62		85.8	80 - 120		



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FINAL RESULTS REPORT

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Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO ORO SOIL-8949										
AA23373										
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		
AA23452										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA23453										
LCS	DRO	269.50		mg/kg			77.0	70 - 130		
LCS	ORO	211.21		mg/kg			60.3	50 - 150		
AA23454										
LCS	DRO	293.42		mg/kg			83.8	70 - 130		
LCS	ORO	273.51		mg/kg			78.1	50 - 150		
DRO ORO SOIL-8993										
AA23399										
Dup	DRO	389.43				Not Detected			22.5	- 30
Dup	ORO	370.89				Not Detected			18.8	- 50
Matrix Spike	DRO	310.76		mg/kg	350	Not Detected	88.8	70 - 130		
Matrix Spike	ORO	307.21		mg/kg	350	Not Detected	87.8	50 - 150		
AA23596										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA23597										
LCS	DRO	310.60		mg/kg			88.7	70 - 130		
LCS	ORO	308.80		mg/kg			88.2	50 - 150		
AA23598										
LCS	DRO	328.47		mg/kg			93.8	70 - 130		
LCS	ORO	303.24		mg/kg			86.6	50 - 150		
EC PH-8986										
AA23395										
Dup	EC, soil	6.89	0.0005	mmhos/cm		6.92			0.434	- 5
Dup	pH soil Temperature	24.6		°C		24.00				
Dup	pH, soil	8.21	0.01	SU		8.19			0.244	- 5
AA23579										
LCS	EC, soil	10.36	0.0005	mmhos/cm			104	85 - 115		
LCS	pH, soil	6.85	0.01	SU			99.9	85 - 115		
AA23580										
LCS	EC, soil	10.34	0.0005	mmhos/cm			103	85 - 115		
LCS	pH, soil	6.83	0.01	SU			99.6	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



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FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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		
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		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/5/2025

Report Time : 12:48

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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-8989

AA23395

Dup	Calcium	16.40		mEq/L	0.487	16.48			0.487	-20
Dup	Magnesium	7.53		mEq/L	0.925	7.60			0.925	-20
Dup	Sodium	38.59		mEq/L	0.414	38.75			0.414	-20
Dup	Sodium Adsorption Ratio	1.16		mEq/L	0.0896	11.17			0.0896	-20

AA23581

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

AA23582

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		

AA23583

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-9072

AA23395

Dup	1-methylnaphthalene	0.217	0.010	mg/kg		<0.00313			4.06	-30
Dup	2-methylnaphthalene	0.361	0.010	mg/kg		Not Detected			3.00	-30
Dup	Acenaphthene	0.342	0.010	mg/kg		<0.010			7.32	-30
Dup	Anthracene	0.356	0.010	mg/kg		Not Detected			1.12	-30
Dup	Benz(a)anthracene	0.378	0.010	mg/kg		<0.010			0.264	-30
Dup	Benzo(a)pyrene	0.252	0.010	mg/kg		Not Detected			0.791	-30
Dup	Benzo(b)fluoranthene	0.247	0.010	mg/kg		Not Detected			2.87	-30
Dup	Benzo(k)fluoranthene	0.269	0.010	mg/kg		Not Detected			2.26	-30
Dup	Chrysene	0.389	0.010	mg/kg		Not Detected			15.5	-30
Dup	Dibenz(a,h)anthracene	0.199	0.010	mg/kg		Not Detected			5.85	-30
Dup	Fluoranthene	0.366	0.010	mg/kg		Not Detected			2.43	-30
Dup	Fluorene	0.306	0.010	mg/kg		Not Detected			1.94	-30
Dup	Indeno(1,2,3-cd)pyrene	0.234	0.010	mg/kg		Not Detected			1.27	-30
Dup	Naphthalene	0.354	0.010	mg/kg		Not Detected			8.39	-30
Dup	Pyrene	0.377	0.010	mg/kg		Not Detected			0.799	-30
Matrix Spike	1-methylnaphthalene	0.226	0.010	mg/kg	0.300	<0.00313	75.3	70 - 130		
Matrix Spike	2-methylnaphthalene	0.372	0.010	mg/kg	0.300	Not Detected	124	70 - 130		
Matrix Spike	Acenaphthene	0.368	0.010	mg/kg	0.300	<0.010	123	70 - 130		
Matrix Spike	Anthracene	0.360	0.010	mg/kg	0.300	Not Detected	120	70 - 130		
Matrix Spike	Benz(a)anthracene	0.379	0.010	mg/kg	0.300	<0.010	126	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/5/2025

Report Time : 12:48

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Benzo(a)pyrene	0.254	0.010	mg/kg	0.300	Not Detected	84.7	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.240	0.010	mg/kg	0.300	Not Detected	80.0	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.263	0.010	mg/kg	0.300	Not Detected	87.7	70 - 130		
Matrix Spike	Chrysene	0.333	0.010	mg/kg	0.300	Not Detected	111	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.211	0.010	mg/kg	0.300	Not Detected	70.3	70 - 130		
Matrix Spike	Fluoranthene	0.375	0.010	mg/kg	0.300	Not Detected	125	70 - 130		
Matrix Spike	Fluorene	0.312	0.010	mg/kg	0.300	Not Detected	104	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.237	0.010	mg/kg	0.300	Not Detected	79.0	70 - 130		
Matrix Spike	Naphthalene	0.385	0.010	mg/kg	0.300	Not Detected	128	70 - 130		
Matrix Spike	Pyrene	0.374	0.010	mg/kg	0.300	Not Detected	125	70 - 130		

AA23854

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						

AA23855

LCS	1-methylnaphthalene	0.245	0.010	mg/kg			81.7	70 - 130		
LCS	2-methylnaphthalene	0.388	0.010	mg/kg			129	70 - 130		
LCS	Acenaphthene	0.388	0.010	mg/kg			129	70 - 130		
LCS	Anthracene	0.371	0.010	mg/kg			124	70 - 130		
LCS	Benz(a)anthracene	0.385	0.010	mg/kg			128	70 - 130		
LCS	Benzo(a)pyrene	0.270	0.010	mg/kg			90.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.253	0.010	mg/kg			84.3	70 - 130		
LCS	Benzo(k)fluoranthene	0.269	0.010	mg/kg			89.7	70 - 130		
LCS	Chrysene	0.333	0.010	mg/kg			111	70 - 130		
LCS	Dibenz(a,h)anthracene	0.214	0.010	mg/kg			71.3	70 - 130		
LCS	Fluoranthene	0.369	0.010	mg/kg			123	70 - 130		
LCS	Fluorene	0.331	0.010	mg/kg			110	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.234	0.010	mg/kg			78.0	70 - 130		
LCS	Naphthalene	0.383	0.010	mg/kg			128	70 - 130		
LCS	Pyrene	0.370	0.010	mg/kg			123	70 - 130		

AA23856

LCS	1-methylnaphthalene	0.237	0.010	mg/kg			79.0	70 - 130		
LCS	2-methylnaphthalene	0.385	0.010	mg/kg			128	70 - 130		
LCS	Acenaphthene	0.368	0.010	mg/kg			123	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/5/2025

Report Time : 12:48

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Anthracene	0.384	0.010	mg/kg			128	70 - 130		
LCS	Benz(a)anthracene	0.375	0.010	mg/kg			125	70 - 130		
LCS	Benzo(a)pyrene	0.255	0.010	mg/kg			85.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.254	0.010	mg/kg			84.7	70 - 130		
LCS	Benzo(k)fluoranthene	0.282	0.010	mg/kg			94.0	70 - 130		
LCS	Chrysene	0.369	0.010	mg/kg			123	70 - 130		
LCS	Dibenz(a,h)anthracene	0.227	0.010	mg/kg			75.7	70 - 130		
LCS	Fluoranthene	0.388	0.010	mg/kg			129	70 - 130		
LCS	Fluorene	0.326	0.010	mg/kg			109	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.244	0.010	mg/kg			81.3	70 - 130		
LCS	Naphthalene	0.371	0.010	mg/kg			124	70 - 130		
LCS	Pyrene	0.389	0.010	mg/kg			130	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
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		
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Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/5/2025

Report Time : 12:48

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: McCormick

Project Number: 51-CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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	2.55		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	4.96		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		

Qualifier

Explanation

- 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



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

June 19, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason/ Tad Stout

Project Name : 51-CIT.CO.1054

Project Number : 1054

Attached are the analytical results for 51-CIT.CO.1054 1054 received by Elevation Diagnostics, Division of Environmental Testing on June 09, 2025. This is associated with Elevation's number AA24384 .

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

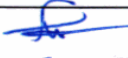

Elevation Diagnostics

Client: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, Wyoming 82834
 Phone: (307) 262-8975, (970) 381-7363
 Project Contact: Joel Mason / Tad Stout

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

Project Name/Number: 51 - CIT.CO.1054
 Project Location: McCormick 24-3 #6
 Collector Name: C.Rice

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested				Interim report requested	
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full Suite	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No			
1	MC24-3_14@10'	6/2/2025	11:47	3			✓			✓		✓					Notes Table 915 Full Suite  AA24384-1  AA24385-1  AA24386-1  AA24387-1  AA24388-1
2	MC24-3_15@17'	6/2/2025	11:47	3			✓			✓		✓					
3	MC24-3_16@10'	6/2/2025	13:00	3			✓			✓		✓					
4	MC24-3_17@17'	6/2/2025	13:25	3			✓			✓		✓					
5	MC24-3_13@9'	5/30/25	11:15	3			✓			✓		✓					
6																	
7																	
8																	
9										✓							
10																	

Relinquished By: 	Relinquished By:	Relinquished By:	Scan to Deliver Samples 
Date/Time: <u>6.03.2025</u>	Date/Time:	Date/Time:	
Lab Use Only	Observed Temperature Upon Receipt: <u>31c</u>	Samples Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2025-06-09-018 Lot/EQM Number:
	Corrected Temperature Upon Receipt: <u>4.8c</u>	pH Checked: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Thermometer #: <u>EDX 248</u>	pH Adjusted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Correction Factor: <u>1.3c</u>	PFAS rec'd on ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No/NA	
Name/Lot Number of Adjustment: _____			

Added per client request @ time on sample jars
SA 6.9.2025 SA 11:26 SA 6.9.25

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.

RE: Extra Sample

From Tad Stout <tad.stout@absarokasolutions.com>
Date Mon 6/9/2025 12:53 PM
To Stephanie Aldrich <Stephanie@elevationdiagnostics.com>; Joel Mason <joel.mason@absarokasolutions.com>
Cc Dylan Johnson <dylan@elevationdiagnostics.com>

Please use the sample time on the Jar and I will correct the field sheet on our end. Typically, we instruct field personnel to collect the GPS data point immediately after sample collection, and we usually suggest that they use the collection time to mirror that of the GPS point. It looks like Chris collected this data after the fact, and likely why he also forgot the points because he was not following the outlined field procedures. Thanks for your help on this!!

TAD

Sent: Monday, June 9, 2025 12:38 PM
To: Tad Stout <tad.stout@absarokasolutions.com>; Joel Mason <joel.mason@absarokasolutions.com>
Cc: Dylan Johnson <dylan@elevationdiagnostics.com>
Subject: Re: Extra Sample

Hi Tad,

Thank you for getting back to me about this. I can just add the sample to the COC. On the sample jars, the collection time says 11:15, but what you have below says 1:27PM. Which time would you like me to use?

Stephanie Aldrich
Project Manager



Elevation Diagnostics
2115 N Scranton St
Suite 3040A
Aurora, CO 80045
Mobile: (607)267-1766
www.elevationdiagnostics.com

We welcome your feedback. Reach us anytime at labreports@elevationdiagnostics.com

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From: Tad Stout <tad.stout@absarokasolutions.com>
Sent: Monday, June 9, 2025 12:35 PM
To: Stephanie Aldrich <Stephanie@elevationdiagnostics.com>; Joel Mason <joel.mason@absarokasolutions.com>
Cc: Dylan Johnson <dylan@elevationdiagnostics.com>
Subject: RE: Extra Sample

Hi Stephanie, we just terminated Chris Rice (the guy who took this sample). There is no field sheet or COC for it, but YES, WE DO need the sample run for full suite 915 please, and here is the information I have from when the point was taken (date and time from the GPS values).

Would you like me to create a COC for this point, or do you want to hand write it in on the existing COC?

Soil Sampling Form

Table Edit Get directions Zoom to

O&G Site Name	McCormick 24-3 #6
Latitude	
Longitude	
Sampler:	CR
Sample ID	MC24-3_13@9
Sample Date/Time	5/30/2025, 1:27 PM
Sample Depth (ft)	9
Sample Depth (in)	
Sample Depth	
Lab?	Yes
Comments	Sidewall
Min. Number Of Common	

From: Stephanie Aldrich <Stephanie@elevationdiagnostics.com>
Sent: Monday, June 9, 2025 9:25 AM
To: Joel Mason <joel.mason@absarokasolutions.com>; Tad Stout <tad.stout@absarokasolutions.com>
Cc: Dylan Johnson <dylan@elevationdiagnostics.com>
Subject: Extra Sample

Hello,

We received an extra sample from you the other day that wasn't on a COC but was bagged with these samples. It is MC24-3_13@9'. Would you like us to add this for analysis? I have attached photos.

Thanks.
Stephanie Aldrich
Project Manager

Elevation Diagnostics
2115 N Scranton St
Suite 3040A
Aurora, CO 80045
Mobile: (607)267-1766
www.elevationdiagnostics.com

We welcome your feedback. Reach us anytime at laboratory@elevationdiagnostics.com

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Division of Environmental Testing

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

Report Date : 6/19/2025

Report Time : 15:12

FINAL RESULTS REPORT

Project Manager: Joel Mason/ Tad Stout

Project Name: 51-CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA24384-1	MC24-3_14@10'	Collected : 06/02/2025	11:47				
EC & pH soil by saturated paste - EC, soil		06/12/2025	15:58	5.15	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		06/12/2025	15:58	21.30	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		06/12/2025	15:58	7.89	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		06/13/2025	08:51 10.00	1.36	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		06/13/2025	08:51 10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		06/13/2025	08:51 10.00	34.94	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		06/13/2025	08:51 10.00	39.58	No Unit		EPA 6020B
AA24384-2	MC24-3_14@10'	Collected : 06/02/2025	11:47				
Chromium VI, Soil		06/16/2025	11:55	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		06/17/2025	06:40	1.10	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		06/14/2025	16:57 10.00	5.25	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		06/14/2025	16:57 10.00	87.62	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		06/14/2025	16:57 10.00	0.05	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		06/14/2025	16:57 10.00	12.74	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		06/14/2025	16:57 10.00	10.86	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		06/14/2025	16:57 10.00	10.89	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		06/14/2025	16:57 10.00	1.15	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		06/14/2025	16:57 10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		06/14/2025	16:57 10.00	38.44	mg/kg	0.025	EPA 6020B
AA24384-3	MC24-3_14@10'	Collected : 06/02/2025	11:47				
DRO & ORO, Soil - DRO		06/12/2025	07:26	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		06/12/2025	07:26	Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		06/13/2025	14:16	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/13/2025	14:16	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		06/17/2025	15:32	<0.0025	mg/kg	0.00245	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		06/17/2025	15:32	<0.0050	mg/kg	0.005	EPA 8260d
VOC, Soils - Benzene		06/17/2025	15:32	<0.0024	mg/kg	0.00242	EPA 8260d
VOC, Soils - Ethylbenzene		06/17/2025	15:32	<0.0050	mg/kg	0.005	EPA 8260d
VOC, Soils - Gasoline Range Organics		06/17/2025	15:32	<0.27	mg/kg	0.268	EPA 8260d
VOC, Soils - m&p- xylene		06/17/2025	15:32	<0.0043	mg/kg	0.00427	EPA 8260d



Division of Environmental Testing

2115 N Scranton St Suite 3040A
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 800-440-5184

Report Date : 6/19/2025

Report Time : 15:12

FINAL RESULTS REPORT

Project Manager: Joel Mason/ Tad Stout

Project Name: 51-CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - o-xylene		06/17/2025 15:32		<0.0023	mg/kg	0.00227	EPA 8260d
VOC, Soils - Toluene		06/17/2025 15:32		<0.0026	mg/kg	0.00263	EPA 8260d
VOC, Soils - Xylenes, total		06/17/2025 15:32		<0.0065	mg/kg	0.00654	EPA 8260d

AA24385-1 MC24-3_15@17' **Collected :** 06/02/2025 11:47

EC & pH soil by saturated paste - EC, soil	06/12/2025 15:58			3.68	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	06/12/2025 15:58			21.60	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	06/12/2025 15:58			7.87	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	06/13/2025 08:51	10.00		5.67	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	06/13/2025 08:51	10.00		4.87	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	06/13/2025 08:51	10.00		20.71	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	06/13/2025 08:51	10.00		9.02	No Unit		EPA 6020B

AA24385-2 MC24-3_15@17' **Collected :** 06/02/2025 11:47

Chromium VI, Soil	06/16/2025 11:55			<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	06/17/2025 06:40			0.93	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	06/14/2025 16:57	10.00		3.57	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	06/14/2025 16:57	10.00		109.51	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	06/14/2025 16:57	10.00		0.07	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	06/14/2025 16:57	10.00		8.20	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	06/14/2025 16:57	10.00		8.13	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	06/14/2025 16:57	10.00		6.77	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	06/14/2025 16:57	10.00		2.05	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	06/14/2025 16:57	10.00		<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc	06/14/2025 16:57	10.00		28.82	mg/kg	0.025	EPA 6020B

AA24385-3 MC24-3_15@17' **Collected :** 06/02/2025 11:47

DRO & ORO, Soil - DRO	06/12/2025 07:26			Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	06/12/2025 07:26			Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	06/13/2025 14:16			Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene	06/13/2025 14:16			Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene	06/17/2025 15:32			<0.0025	mg/kg	0.00245	EPA 8260d



Division of Environmental Testing

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 800-440-5184

Report Date : 6/19/2025

Report Time : 15:12

FINAL RESULTS REPORT

Project Manager: Joel Mason/ Tad Stout

Project Name: 51-CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - 1,3,5-trimethylbenzene		06/17/2025 15:32		<0.0050	mg/kg	0.005	EPA 8260d
VOC, Soils - Benzene		06/17/2025 15:32		<0.0024	mg/kg	0.00242	EPA 8260d
VOC, Soils - Ethylbenzene		06/17/2025 15:32		Not Detected	mg/kg	0.005	EPA 8260d
VOC, Soils - Gasoline Range Organics		06/17/2025 15:32		Not Detected	mg/kg	0.268	EPA 8260d
VOC, Soils - m&p- xylene		06/17/2025 15:32		<0.0043	mg/kg	0.00427	EPA 8260d
VOC, Soils - o-xylene		06/17/2025 15:32		<0.0023	mg/kg	0.00227	EPA 8260d
VOC, Soils - Toluene		06/17/2025 15:32		<0.0026	mg/kg	0.00263	EPA 8260d
VOC, Soils - Xylenes, total		06/17/2025 15:32		<0.0065	mg/kg	0.00654	EPA 8260d

AA24386-1 MC24-3_16@10'

Collected : 06/02/2025 13:00

EC & pH soil by saturated paste - EC, soil	06/12/2025 15:58			4.08	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	06/12/2025 15:58			21.60	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	06/12/2025 15:58			8.41	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	06/13/2025 08:51	10.00		1.93	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	06/13/2025 08:51	10.00		0.96	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	06/13/2025 08:51	10.00		26.63	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	06/13/2025 08:51	10.00		22.14	No Unit		EPA 6020B

AA24386-2 MC24-3_16@10'

Collected : 06/02/2025 13:00

Chromium VI, Soil	06/16/2025 11:55			<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	06/17/2025 06:40			1.02	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	06/14/2025 16:57	10.00		4.16	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	06/14/2025 16:57	10.00		224.46 - MS	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	06/14/2025 16:57	10.00		0.09	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	06/14/2025 16:57	10.00		9.23	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	06/14/2025 16:57	10.00		7.66	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	06/14/2025 16:57	10.00		7.40	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	06/14/2025 16:57	10.00		2.00	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	06/14/2025 16:57	10.00		<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc	06/14/2025 16:57	10.00		29.54	mg/kg	0.025	EPA 6020B

AA24386-3 MC24-3_16@10'

Collected : 06/02/2025 13:00

DRO & ORO, Soil - DRO	06/12/2025 07:26			Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	06/12/2025 07:26			Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	06/13/2025 14:16			Not Detected - MS	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	06/13/2025 14:16			Not Detected - MS	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	06/13/2025 14:16			Not Detected	mg/kg	0.010	EPA 8270



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason/ Tad Stout

Project Name: 51-CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Fluorene		06/13/2025	14:16	Not Detected - MS	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/13/2025	14:16	Not Detected - MS	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/13/2025	14:16	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		06/17/2025	15:32	<0.0025	mg/kg	0.00245	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		06/17/2025	15:32	<0.0050	mg/kg	0.005	EPA 8260d
VOC, Soils - Benzene		06/17/2025	15:32	<0.0024	mg/kg	0.00242	EPA 8260d
VOC, Soils - Ethylbenzene		06/17/2025	15:32	Not Detected	mg/kg	0.005	EPA 8260d
VOC, Soils - Gasoline Range Organics		06/17/2025	15:32	Not Detected	mg/kg	0.268	EPA 8260d
VOC, Soils - m&p- xylene		06/17/2025	15:32	<0.0043	mg/kg	0.00427	EPA 8260d
VOC, Soils - o-xylene		06/17/2025	15:32	<0.0023	mg/kg	0.00227	EPA 8260d
VOC, Soils - Toluene		06/17/2025	15:32	<0.0026	mg/kg	0.00263	EPA 8260d
VOC, Soils - Xylenes, total		06/17/2025	15:32	<0.0065	mg/kg	0.00654	EPA 8260d

AA24387-1 MC24-3_17@17'

Collected : 06/02/2025 13:25

EC & pH soil by saturated paste - EC, soil	06/12/2025	15:58		2.54	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	06/12/2025	15:58		22.00	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	06/12/2025	15:58		7.93	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	06/13/2025	08:51	10.00	3.56	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	06/13/2025	08:51	10.00	2.46	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	06/13/2025	08:51	10.00	15.32	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	06/13/2025	08:51	10.00	8.83	No Unit		EPA 6020B

AA24387-2 MC24-3_17@17'

Collected : 06/02/2025 13:25

Chromium VI, Soil	06/16/2025	11:55		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	06/17/2025	06:40		0.30	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	06/14/2025	16:57	10.00	1.35	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	06/14/2025	16:57	10.00	46.12	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	06/14/2025	16:57	10.00	0.05	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	06/14/2025	16:57	10.00	4.06	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	06/14/2025	16:57	10.00	1.91	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	06/14/2025	16:57	10.00	2.39	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	06/14/2025	16:57	10.00	0.69	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	06/14/2025	16:57	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc	06/14/2025	16:57	10.00	10.63	mg/kg	0.025	EPA 6020B

AA24387-3 MC24-3_17@17'

Collected : 06/02/2025 13:25

DRO & ORO, Soil - DRO	06/12/2025	07:26		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	06/12/2025	07:26		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	06/13/2025	14:16		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	06/13/2025	14:16		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	06/13/2025	14:16		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	06/13/2025	14:16		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	06/13/2025	14:16		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	06/13/2025	14:16		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 : 6/19/2025

Report Time : 15:12

FINAL RESULTS REPORT

Project Manager: Joel Mason/ Tad Stout

Project Name: 51-CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Benzo(b)fluoranthene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/13/2025	14:16	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		06/17/2025	15:32	0.0096	mg/kg	0.00245	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		06/17/2025	15:32	0.012	mg/kg	0.005	EPA 8260d
VOC, Soils - Benzene		06/17/2025	15:32	Not Detected	mg/kg	0.00242	EPA 8260d
VOC, Soils - Ethylbenzene		06/17/2025	15:32	<0.0050	mg/kg	0.005	EPA 8260d
VOC, Soils - Gasoline Range Organics		06/17/2025	15:32	0.30	mg/kg	0.268	EPA 8260d
VOC, Soils - m&p- xylene		06/17/2025	15:32	0.013	mg/kg	0.00427	EPA 8260d
VOC, Soils - o-xylene		06/17/2025	15:32	<0.0023	mg/kg	0.00227	EPA 8260d
VOC, Soils - Toluene		06/17/2025	15:32	<0.0026	mg/kg	0.00263	EPA 8260d
VOC, Soils - Xylenes, total		06/17/2025	15:32	0.013	mg/kg	0.00654	EPA 8260d

AA24388-1 MC24-3_13@9'

Collected : 05/30/2025 11:15

EC & pH soil by saturated paste - EC, soil	06/12/2025	15:58		2.47	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	06/12/2025	15:58		21.70	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	06/12/2025	15:58		7.65	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	06/13/2025	08:51	10.00	2.51	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	06/13/2025	08:51	10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	06/13/2025	08:51	10.00	<0.43	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	06/13/2025	08:51	10.00	0.11	No Unit		EPA 6020B

AA24388-2 MC24-3_13@9'

Collected : 05/30/2025 11:15

Chromium VI, Soil	06/16/2025	11:55		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	06/17/2025	06:40		0.17	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	06/14/2025	16:57	10.00	5.83	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	06/14/2025	16:57	10.00	236.92	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	06/14/2025	16:57	10.00	0.15	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	06/14/2025	16:57	10.00	11.17	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	06/14/2025	16:57	10.00	11.21	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	06/14/2025	16:57	10.00	10.31	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	06/14/2025	16:57	10.00	2.51	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	06/14/2025	16:57	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc	06/14/2025	16:57	10.00	40.30	mg/kg	0.025	EPA 6020B

AA24388-3 MC24-3_13@9'

Collected : 05/30/2025 11:15

DRO & ORO, Soil - DRO	06/12/2025	07:26		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	06/12/2025	07:26		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	06/13/2025	14:16		Not Detected	mg/kg	0.00313	EPA 8270



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/19/2025

Report Time : 15:12

FINAL RESULTS REPORT

Project Manager: Joel Mason/ Tad Stout

Project Name: 51-CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - 2-methylnaphthalene		06/13/2025	14:16	<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/13/2025	14:16	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/13/2025	14:16	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/13/2025	14:16	<0.010	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		06/17/2025	15:32	<0.0025	mg/kg	0.00245	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		06/17/2025	15:32	<0.0050	mg/kg	0.005	EPA 8260d
VOC, Soils - Benzene		06/17/2025	15:32	<0.0024	mg/kg	0.00242	EPA 8260d
VOC, Soils - Ethylbenzene		06/17/2025	15:32	Not Detected	mg/kg	0.005	EPA 8260d
VOC, Soils - Gasoline Range Organics		06/17/2025	15:32	Not Detected	mg/kg	0.268	EPA 8260d
VOC, Soils - m&p- xylene		06/17/2025	15:32	<0.0043	mg/kg	0.00427	EPA 8260d
VOC, Soils - o-xylene		06/17/2025	15:32	<0.0023	mg/kg	0.00227	EPA 8260d
VOC, Soils - Toluene		06/17/2025	15:32	<0.0026	mg/kg	0.00263	EPA 8260d
VOC, Soils - Xylenes, total		06/17/2025	15:32	<0.0065	mg/kg	0.00654	EPA 8260d



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FINAL RESULTS REPORT

Project Manager: Joel Mason/ Tad Stout

Project Name: 51-CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-9289										
DUP	AA24332	0.90	0.050	mg/kg					1.1	-15 - 15
DUP	AA24363	0.35	0.050	mg/kg					2.9	-15 - 15
DUP	AA24491	<0.05	0.050	mg/kg						
MB	AA24523	0.01		mg/kg						
LCS	AA24524	0.88		mg/kg	1.00		88.0	80 - 120		
LCS	AA24525	10.33		mg/kg	9.00		115	80 - 120		
CHROM_VI_SOIL-9268										
DUP	AA24384	<0.08	0.080	mg/kg						
MB	AA24429	0.02		mg/kg						
LCS	AA24431	1.48		mg/kg	1.60		92.5	80 - 120		
LCS	AA24432	1.50		mg/kg	1.60		93.8	80 - 120		



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Project Manager: Joel Mason/ Tad Stout

Project Name: 51-CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO ORO SOIL-9283										
AA24386										
Dup	DRO	334.07				Not Detected			5.45	- 30
Dup	ORO	345.01				Not Detected			5.68	- 50
Matrix Spike	DRO	352.79		mg/kg	350	Not Detected	101	70 - 130		
Matrix Spike	ORO	325.95		mg/kg	350	Not Detected	93.1	50 - 150		
AA24509										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA24510										
LCS	DRO	346.13		mg/kg			98.9	70 - 130		
LCS	ORO	329.91		mg/kg			94.3	50 - 150		
AA24511										
LCS	DRO	368.05		mg/kg			105	70 - 130		
LCS	ORO	343.82		mg/kg			98.2	50 - 150		
EC PH-9311										
AA24384										
Dup	EC, soil	5.30	0.0005	mmhos/cm		5.15			2.87	- 5
Dup	pH soil Temperature	21.40		°C		21.30				
Dup	pH, soil	7.94	0.01	SU		7.89			0.632	- 5
AA24559										
LCS	EC, soil	9.76	0.0005	mmhos/cm			100	85 - 115		
LCS	pH, soil	6.82	0.01	SU			100	85 - 115		
AA24560										
LCS	EC, soil	9.86	0.0005	mmhos/cm			98.6	85 - 115		
LCS	pH, soil	6.81	0.01	SU			99.3	85 - 115		
METALS S-9303										
AA24386										
Dup	Arsenic	4.33	0.025	mg/kg		4.16			4.00	0 - 15
Dup	Barium	219.16	0.025	mg/kg		224.46			2.39	0 - 15
Dup	Cadmium	0.09	0.001	mg/kg		0.09			<%MDL%	0 - 15
Dup	Copper	8.73	0.025	mg/kg		9.23			5.57	0 - 15
Dup	Lead	7.63	0.025	mg/kg		7.66			0.392	0 - 15
Dup	Nickel	7.56	0.025	mg/kg		7.40			2.14	0 - 15
Dup	Selenium	1.77	0.025	mg/kg		2.00			12.2	0 - 15
Dup	Silver	<0.03	0.025	mg/kg		<0.03				
Dup	Zinc	31.06	0.025	mg/kg		29.54			5.02	0 - 15
Matrix Spike	Arsenic	25.77		mg/kg	20	4.16	108	80 - 120		
Matrix Spike	Barium	263.37		mg/kg	20	224.46	195	80 - 120		
Matrix Spike	Cadmium	21.62		mg/kg	20	0.09	108	80 - 120		
Matrix Spike	Copper	29.15		mg/kg	20	9.23	99.6	80 - 120		
Matrix Spike	Lead	30.71		mg/kg	20	7.66	115	80 - 120		
Matrix Spike	Nickel	28.48		mg/kg	20	7.40	105	80 - 120		
Matrix Spike	Selenium	24.51		mg/kg	20	2.00	113	80 - 120		
Matrix Spike	Silver	21.59		mg/kg	20	<0.03	108	80 - 120		



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason/ Tad Stout

Project Name: 51-CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Zinc	49.65		mg/kg	20	29.54	101	80 - 120		

AA24541

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						

AA24543

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

AA24544

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

SAR-9312

AA24158

Dup	Calcium	1.68		mEq/L	4.26	1.61			4.26	- 20
Dup	Magnesium	<0.82		mEq/L	<0.82	<0.82				
Dup	Sodium	0.63		mEq/L	3.12	0.65			3.12	- 20
Dup	Sodium Adsorption Ratio	0.62		mEq/L	4.72	0.65			4.72	- 20

AA24384

Dup	Calcium	1.49		mEq/L	1.49	1.36			9.12	- 20
Dup	Magnesium	<0.82		mEq/L	<0.82	<0.82				
Dup	Sodium	38.66		mEq/L	38.66	34.94			10.1	- 20
Dup	Sodium Adsorption Ratio	1.72		mEq/L	41.72	39.58			5.26	- 20

AA24561

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



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason/ Tad Stout

Project Name: 51-CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Sodium Adsorption Ratio0.00									
AA24562										
LCS	Calcium	11.10		ppm			111	80 - 120		
LCS	Magnesium	11.68		ppm			117	80 - 120		
LCS	Sodium	10.96		ppm			110	80 - 120		
LCS	Sodium Adsorption Ratio	0.55		ppm			102	80 - 120		
AA24563										
LCS	Calcium	446.51		ppm			89.3	80 - 120		
LCS	Magnesium	468.35		ppm			93.7	80 - 120		
LCS	Sodium	446.97		ppm			89.4	80 - 120		
LCS	Sodium Adsorption Ratio	3.53		ppm			93.4	80 - 120		

SVOC SOIL-9348

AA24386

Dup	1-methylnaphthalene	0.194	0.010	mg/kg		Not Detected			18.3	-30
Dup	2-methylnaphthalene	0.220	0.010	mg/kg		Not Detected			6.59	-30
Dup	Acenaphthene	0.215	0.010	mg/kg		Not Detected			15.1	-30
Dup	Anthracene	0.264	0.010	mg/kg		Not Detected			5.05	-30
Dup	Benz(a)anthracene	0.215	0.010	mg/kg		Not Detected			0.926	-30
Dup	Benzo(a)pyrene	0.252	0.010	mg/kg		Not Detected			4.05	-30
Dup	Benzo(b)fluoranthene	0.272	0.010	mg/kg		Not Detected			4.90	-30
Dup	Benzo(k)fluoranthene	0.228	0.010	mg/kg		Not Detected			4.94	-30
Dup	Chrysene	0.222	0.010	mg/kg		Not Detected			3.20	-30
Dup	Dibenz(a,h)anthracene	0.203	0.010	mg/kg		Not Detected			11.6	-30
Dup	Fluoranthene	0.294	0.010	mg/kg		Not Detected			4.88	-30
Dup	Fluorene	0.205	0.010	mg/kg		Not Detected			3.83	-30
Dup	Indeno(1,2,3-cd)pyrene	0.207	0.010	mg/kg		Not Detected			5.97	-30
Dup	Naphthalene	0.232	0.010	mg/kg		Not Detected			9.45	-30
Dup	Pyrene	0.313	0.010	mg/kg		Not Detected			0.963	-30
Matrix Spike	1-methylnaphthalene	0.233	0.010	mg/kg	0.300	Not Detected	77.7	70 - 130		
Matrix Spike	2-methylnaphthalene	0.235	0.010	mg/kg	0.300	Not Detected	78.3	70 - 130		
Matrix Spike	Acenaphthene	0.250	0.010	mg/kg	0.300	Not Detected	83.3	70 - 130		
Matrix Spike	Anthracene	0.251	0.010	mg/kg	0.300	Not Detected	83.7	70 - 130		
Matrix Spike	Benz(a)anthracene	0.217	0.010	mg/kg	0.300	Not Detected	72.3	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.242	0.010	mg/kg	0.300	Not Detected	80.7	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.259	0.010	mg/kg	0.300	Not Detected	86.3	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.217	0.010	mg/kg	0.300	Not Detected	72.3	70 - 130		
Matrix Spike	Chrysene	0.215	0.010	mg/kg	0.300	Not Detected	71.7	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.228	0.010	mg/kg	0.300	Not Detected	76.0	70 - 130		
Matrix Spike	Fluoranthene	0.280	0.010	mg/kg	0.300	Not Detected	93.3	70 - 130		
Matrix Spike	Fluorene	0.213	0.010	mg/kg	0.300	Not Detected	71.0	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.195	0.010	mg/kg	0.300	Not Detected	65.0	70 - 130		
Matrix Spike	Naphthalene	0.255	0.010	mg/kg	0.300	Not Detected	85.0	70 - 130		
Matrix Spike	Pyrene	0.310	0.010	mg/kg	0.300	Not Detected	103	70 - 130		

AA24683

MB	Benz(a)anthracene	<0.010	0.010	mg/kg						
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AA24684



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/19/2025

Report Time : 15:12

FINAL RESULTS REPORT

Project Manager: Joel Mason/ Tad Stout

Project Name: 51-CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	1-methylnaphthalene	0.232	0.010	mg/kg			77.3	70 - 130		
LCS	2-methylnaphthalene	0.244	0.010	mg/kg			81.3	70 - 130		
LCS	Acenaphthene	0.248	0.010	mg/kg			82.7	70 - 130		
LCS	Anthracene	0.253	0.010	mg/kg			84.3	70 - 130		
LCS	Benz(a)anthracene	0.222	0.010	mg/kg			74.0	70 - 130		
LCS	Benzo(a)pyrene	0.257	0.010	mg/kg			85.7	70 - 130		
LCS	Benzo(b)fluoranthene	0.261	0.010	mg/kg			87.0	70 - 130		
LCS	Benzo(k)fluoranthene	0.232	0.010	mg/kg			77.3	70 - 130		
LCS	Chrysene	0.217	0.010	mg/kg			72.3	70 - 130		
LCS	Dibenz(a,h)anthracene	0.210	0.010	mg/kg			70.0	70 - 130		
LCS	Fluoranthene	0.295	0.010	mg/kg			98.3	70 - 130		
LCS	Fluorene	0.241	0.010	mg/kg			80.3	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.214	0.010	mg/kg			71.3	70 - 130		
LCS	Naphthalene	0.279	0.010	mg/kg			93.0	70 - 130		
LCS	Pyrene	0.318	0.010	mg/kg			106	70 - 130		

AA24685

LCS	1-methylnaphthalene	0.230	0.010	mg/kg			76.7	70 - 130		
LCS	2-methylnaphthalene	0.283	0.010	mg/kg			94.3	70 - 130		
LCS	Acenaphthene	0.249	0.010	mg/kg			83.0	70 - 130		
LCS	Anthracene	0.244	0.010	mg/kg			81.3	70 - 130		
LCS	Benz(a)anthracene	0.214	0.010	mg/kg			71.3	70 - 130		
LCS	Benzo(a)pyrene	0.282	0.010	mg/kg			94.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.314	0.010	mg/kg			105	70 - 130		
LCS	Benzo(k)fluoranthene	0.246	0.010	mg/kg			82.0	70 - 130		
LCS	Chrysene	0.221	0.010	mg/kg			73.7	70 - 130		
LCS	Dibenz(a,h)anthracene	0.237	0.010	mg/kg			79.0	70 - 130		
LCS	Fluoranthene	0.267	0.010	mg/kg			89.0	70 - 130		
LCS	Fluorene	0.258	0.010	mg/kg			86.0	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.239	0.010	mg/kg			79.7	70 - 130		
LCS	Naphthalene	0.273	0.010	mg/kg			91.0	70 - 130		
LCS	Pyrene	0.307	0.010	mg/kg			102	70 - 130		

VOC S-9335

AA24550

Dup	1,2,4-trimethylbenzene	0.041	0.00245	mg/kg		0.0032			31.0	- 30
Dup	1,3,5-trimethylbenzene	0.052	0.005	mg/kg		<0.0050			28.6	- 30
Dup	Benzene	0.079	0.00242	mg/kg		Not Detected			25.7	- 30
Dup	Ethylbenzene	0.068	0.005	mg/kg		<0.0050			26.7	- 30
Dup	Gasoline Range Organics	1.1	0.268	mg/kg		<0.27			3.67	
Dup	m&p- xylene	0.128	0.00427	mg/kg		<0.0043			27.6	- 30
Dup	o-xylene	0.059	0.00227	mg/kg		<0.0023			29.1	- 30
Dup	Toluene	0.071	0.00263	mg/kg		<0.0026			29.0	- 30
Dup	Xylenes, total	0.187	0.00654	mg/kg		<0.0065			28.0	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.030	0.00245	mg/kg	0.050	0.0032	53.6	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.039	0.005	mg/kg	0.050	<0.0050	78.0	70 - 130		
Matrix Spike	Benzene	0.061	0.00242	mg/kg	0.050	Not Detected	122	70 - 130		
Matrix Spike	Ethylbenzene	0.052	0.005	mg/kg	0.050	<0.0050	104	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/19/2025

Report Time : 15:12

FINAL RESULTS REPORT

Project Manager: Joel Mason/ Tad Stout

Project Name: 51-CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Gasoline Range Organics	0.07	0.268	mg/kg	2.54	<0.27	42.1			
Matrix Spike	m&p- xylene	0.097	0.00427	mg/kg	0.100	<0.0043	97.0	70 - 130		
Matrix Spike	o-xylene	0.044	0.00227	mg/kg	0.050	<0.0023	88.0	70 - 130		
Matrix Spike	Toluene	0.053	0.00263	mg/kg	0.050	<0.0026	106	70 - 130		
Matrix Spike	Xylenes, total	0.141	0.00654	mg/kg	0.150	<0.0065	94.0	70 - 130		

AA24633

MB	1,2,4-trimethylbenzene	<0.0025	0.00245	mg/kg						
MB	1,3,5-trimethylbenzene	Not Detected	0.005	mg/kg						
MB	Benzene	<0.0024	0.00242	mg/kg						
MB	Ethylbenzene	<0.0050	0.005	mg/kg						
MB	Gasoline Range Organics	0.27	0.268	mg/kg						
MB	m&p- xylene	<0.0043	0.00427	mg/kg						
MB	o-xylene	<0.0023	0.00227	mg/kg						
MB	Toluene	<0.0026	0.00263	mg/kg						
MB	Xylenes, total	<0.0065	0.00654	mg/kg						

AA24634

LCS	1,2,4-trimethylbenzene	0.054	0.00245	mg/kg			108	70 - 130		
LCS	1,3,5-trimethylbenzene	0.062	0.005	mg/kg			124	70 - 130		
LCS	Benzene	0.054	0.00242	mg/kg			108	70 - 130		
LCS	Ethylbenzene	0.057	0.005	mg/kg			114	70 - 130		
LCS	Gasoline Range Organics	0.89	0.268	mg/kg			74.4			
LCS	m&p- xylene	0.111	0.00427	mg/kg			111	70 - 130		
LCS	o-xylene	0.056	0.00227	mg/kg			112	70 - 130		
LCS	Toluene	0.052	0.00263	mg/kg			104	70 - 130		
LCS	Xylenes, total	0.167	0.00654	mg/kg			111	70 - 130		

AA24635

LCS	1,2,4-trimethylbenzene	0.052	0.00245	mg/kg			104	70 - 130		
LCS	1,3,5-trimethylbenzene	0.062	0.005	mg/kg			124	70 - 130		
LCS	Benzene	0.056	0.00242	mg/kg			112	70 - 130		
LCS	Ethylbenzene	0.056	0.005	mg/kg			112	70 - 130		
LCS	Gasoline Range Organics	0.94	0.268	mg/kg			76.4			
LCS	m&p- xylene	0.108	0.00427	mg/kg			108	70 - 130		
LCS	o-xylene	0.057	0.00227	mg/kg			114	70 - 130		
LCS	Toluene	0.052	0.00263	mg/kg			104	70 - 130		
LCS	Xylenes, total	0.165	0.00654	mg/kg			110	70 - 130		



Division of Environmental Testing

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

Report Date : 6/19/2025

Report Time : 15:12

FINAL RESULTS REPORT

Project Manager: Joel Mason/ Tad Stout

Project Name: 51-CIT.CO.1054

Project Number: 1054

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



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

June 25, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason/Tad Stout

Project Name : CIT.CO.1054

Project Number : 1054

Attached are the analytical results for CIT.CO.1054 1054 received by Elevation Diagnostics, Division of Environmental Testing on June 13, 2025. This is associated with Elevation's number AA24796 .

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: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, WY 82834
 Phone: 307-262-8975 , 970-381-7363
 Project Contact: Joel Mason, Tad Stout

Project Name/Number: CIT.CO.1054
 Project Location: McCormick 24-3 #6
 Collector Name: E.Hossink

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested				Interim report requested		
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full Suite					<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
1	MC24-3_01@19'	6/11/25	14:00	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						Notes  AA24796-1  AA24802-1  AA24797-1  AA24803-1  AA24798-1  AA24799-1  AA24800-1  AA24801-1
2	MC24-3_03@19'	6/11/25	14:05	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
3	MC24-3_08@19'	6/11/25	14:10	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
4	MC24-3_06@13'	6/11/25	14:15	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
5	MC24-3_09@13'	6/11/25	14:20	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
6	MC24-3_11@13'	6/11/25	14:25	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
7	MC24-3_12@19'	6/11/25	14:30	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
8	MC24-3_18@19'	6/11/25	14:35	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
9																		
10																		

Relinquished By: *Apo Horina*
 Date/Time: 06/12/2025 11:42

Relinquished By: _____
 Date/Time: _____

Relinquished By: _____
 Date/Time: _____

Scan to Deliver Samples



Lab Use Only

Observed Temperature Upon Receipt: 2.0°C
 Corrected Temperature Upon Receipt: 3.3°C
 Thermometer #: EDX EQ 238
 Correction Factor: +1.3°C

Samples Intact: Yes No 2025-06-13-01#7
 pH Checked: Yes No
 pH Adjusted: Yes No
 PFAS rec'd on ice: Yes No NIA
 Name/Lot Number of Adjustment: NIA

EFOR-008.005



Division of Environmental Testing

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

Report Date : 6/25/2025

Report Time : 13:15

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA24796-1	MC24-3_01@19'	Collected : 06/11/2025 14:00					
EC & pH soil by saturated paste - EC, soil		06/17/2025	15:46	2.10	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		06/17/2025	15:46	22.30	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		06/17/2025	15:46	8.03	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		06/23/2025	09:47 10.00	12.78	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		06/23/2025	09:47 10.00	6.52	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		06/23/2025	09:47 10.00	11.12	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		06/23/2025	09:47 10.00	3.58	No Unit		EPA 6020B
AA24796-2	MC24-3_01@19'	Collected : 06/11/2025 14:00					
Chromium VI, Soil		06/19/2025	10:01	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		06/17/2025	06:50	0.25	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		06/22/2025	13:38 10.00	4.35	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		06/22/2025	13:38 10.00	240.58	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		06/22/2025	13:38 10.00	0.07	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		06/22/2025	13:38 10.00	12.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		06/22/2025	13:38 10.00	8.89	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		06/22/2025	13:38 10.00	7.04	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		06/22/2025	13:38 10.00	1.89	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		06/22/2025	13:38 10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		06/22/2025	13:38 10.00	37.90	mg/kg	0.025	EPA 6020B
AA24796-3	MC24-3_01@19'	Collected : 06/11/2025 14:00					
DRO & ORO, Soil - DRO		06/17/2025	09:22	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		06/17/2025	09:22	Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		06/19/2025	16:08	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/19/2025	16:08	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		06/19/2025	00:00	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		06/19/2025	00:00	<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		06/19/2025	00:00	<0.0024	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		06/19/2025	00:00	Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		06/19/2025	00:00	Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		06/19/2025	00:00	<0.0043	mg/kg	0.00427	EPA 8260



Division of Environmental Testing

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

Report Date : 6/25/2025

Report Time : 13:15

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - o-xylene		06/19/2025 00:00		Not Detected	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		06/19/2025 00:00		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		06/19/2025 00:00		<0.0065	mg/kg	0.00654	EPA 8260

AA24797-1 MC24-3_03@19' **Collected :** 06/11/2025 14:05

EC & pH soil by saturated paste - EC, soil	06/17/2025	15:46		3.23	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	06/17/2025	15:46		22.10	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	06/17/2025	15:46		8.45	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	06/23/2025	09:47	10.00	6.31	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	06/23/2025	09:47	10.00	4.49	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	06/23/2025	09:47	10.00	29.12	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	06/23/2025	09:47	10.00	12.53	No Unit		EPA 6020B

AA24797-2 MC24-3_03@19' **Collected :** 06/11/2025 14:05

Chromium VI, Soil	06/19/2025	10:01		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	06/17/2025	06:50		0.27	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	06/22/2025	13:38	10.00	4.04	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	06/22/2025	13:38	10.00	159.90	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	06/22/2025	13:38	10.00	0.07	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	06/22/2025	13:38	10.00	11.36	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	06/22/2025	13:38	10.00	7.69	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	06/22/2025	13:38	10.00	7.50	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	06/22/2025	13:38	10.00	2.39	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	06/22/2025	13:38	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc	06/22/2025	13:38	10.00	33.95	mg/kg	0.025	EPA 6020B

AA24797-3 MC24-3_03@19' **Collected :** 06/11/2025 14:05

DRO & ORO, Soil - DRO	06/17/2025	09:22		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	06/17/2025	09:22		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	06/19/2025	16:08		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	06/19/2025	16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	06/19/2025	16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	06/19/2025	16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	06/19/2025	16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	06/19/2025	16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	06/19/2025	16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	06/19/2025	16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	06/19/2025	16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	06/19/2025	16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	06/19/2025	16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	06/19/2025	16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene	06/19/2025	16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene	06/19/2025	16:08		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene	06/19/2025	16:08		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene	06/19/2025	00:00		<0.0025	mg/kg	0.00245	EPA 8260



Division of Environmental Testing

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

Report Date : 6/25/2025

Report Time : 13:15

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - 1,3,5-trimethylbenzene		06/19/2025 00:00		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		06/19/2025 00:00		<0.0024	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		06/19/2025 00:00		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		06/19/2025 00:00		Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		06/19/2025 00:00		Not Detected	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		06/19/2025 00:00		Not Detected	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		06/19/2025 00:00		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		06/19/2025 00:00		Not Detected	mg/kg	0.00654	EPA 8260

AA24798-1 MC24-3_08@19'

Collected : 06/11/2025 14:10

EC & pH soil by saturated paste - EC, soil	06/17/2025 15:46			2.45	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	06/17/2025 15:46			20.90	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	06/17/2025 15:46			8.42	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	06/23/2025 09:47	10.00		4.40	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	06/23/2025 09:47	10.00		3.24	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	06/23/2025 09:47	10.00		21.65	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	06/23/2025 09:47	10.00		11.08	No Unit		EPA 6020B

AA24798-2 MC24-3_08@19'

Collected : 06/11/2025 14:10

Chromium VI, Soil	06/19/2025 10:01			<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	06/17/2025 06:50			0.08	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	06/22/2025 13:38	10.00		3.50	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	06/22/2025 13:38	10.00		48.31	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	06/22/2025 13:38	10.00		0.03	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	06/22/2025 13:38	10.00		7.12	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	06/22/2025 13:38	10.00		2.15	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	06/22/2025 13:38	10.00		2.38	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	06/22/2025 13:38	10.00		0.42	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	06/22/2025 13:38	10.00		<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc	06/22/2025 13:38	10.00		13.50	mg/kg	0.025	EPA 6020B

AA24798-3 MC24-3_08@19'

Collected : 06/11/2025 14:10

DRO & ORO, Soil - DRO	06/17/2025 09:22			Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	06/17/2025 09:22			Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	06/19/2025 16:08			Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	06/19/2025 16:08			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	06/19/2025 16:08			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	06/19/2025 16:08			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	06/19/2025 16:08			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	06/19/2025 16:08			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	06/19/2025 16:08			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	06/19/2025 16:08			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	06/19/2025 16:08			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	06/19/2025 16:08			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	06/19/2025 16:08			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 : 6/25/2025

Report Time : 13:15

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Fluorene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/19/2025 16:08		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		06/19/2025 00:00		<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		06/19/2025 00:00		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		06/19/2025 00:00		Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		06/19/2025 00:00		Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		06/19/2025 00:00		Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		06/19/2025 00:00		<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		06/19/2025 00:00		Not Detected	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		06/19/2025 00:00		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		06/19/2025 00:00		<0.0065	mg/kg	0.00654	EPA 8260

AA24799-1 MC24-3_06@13' **Collected :** 06/11/2025 14:15

EC & pH soil by saturated paste - EC, soil	06/17/2025 15:46		5.79	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	06/17/2025 15:46		20.50	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	06/17/2025 15:46		8.26	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	06/23/2025 09:47	10.00	12.64	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	06/23/2025 09:47	10.00	7.05	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	06/23/2025 09:47	10.00	62.57	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	06/23/2025 09:47	10.00	19.94	No Unit		EPA 6020B

AA24799-2 MC24-3_06@13' **Collected :** 06/11/2025 14:15

Chromium VI, Soil	06/19/2025 10:01		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	06/17/2025 06:50		1.31	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	06/22/2025 13:38	10.00	6.37	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	06/22/2025 13:38	10.00	287.14	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	06/22/2025 13:38	10.00	0.16	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	06/22/2025 13:38	10.00	15.57	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	06/22/2025 13:38	10.00	11.39	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	06/22/2025 13:38	10.00	13.06	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	06/22/2025 13:38	10.00	2.30	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	06/22/2025 13:38	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc	06/22/2025 13:38	10.00	49.13	mg/kg	0.025	EPA 6020B

AA24799-3 MC24-3_06@13' **Collected :** 06/11/2025 14:15

DRO & ORO, Soil - DRO	06/17/2025 09:22		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	06/17/2025 09:22		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	06/19/2025 16:08		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	06/19/2025 16:08		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 : 6/25/2025

Report Time : 13:15

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Benzo(b)fluoranthene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/19/2025	16:08	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/19/2025	16:08	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		06/19/2025	00:00	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		06/19/2025	00:00	<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		06/19/2025	00:00	Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		06/19/2025	00:00	Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		06/19/2025	00:00	Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		06/19/2025	00:00	Not Detected	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		06/19/2025	00:00	Not Detected	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		06/19/2025	00:00	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		06/19/2025	00:00	Not Detected	mg/kg	0.00654	EPA 8260

AA24800-1 MC24-3_09@13'

Collected : 06/11/2025 14:20

EC & pH soil by saturated paste - EC, soil	06/17/2025	15:46		4.21	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	06/17/2025	15:46		20.50	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	06/17/2025	15:46		8.03	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	06/23/2025	09:47	10.00	17.14	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	06/23/2025	09:47	10.00	7.85	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	06/23/2025	09:47	10.00	37.88	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	06/23/2025	09:47	10.00	10.72	No Unit		EPA 6020B

AA24800-2 MC24-3_09@13'

Collected : 06/11/2025 14:20

Chromium VI, Soil	06/19/2025	10:01		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	06/17/2025	06:50		0.80	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	06/22/2025	13:38	10.00	4.50	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	06/22/2025	13:38	10.00	157.94	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	06/22/2025	13:38	10.00	0.11	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	06/22/2025	13:38	10.00	12.32	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	06/22/2025	13:38	10.00	9.08	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	06/22/2025	13:38	10.00	9.07	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	06/22/2025	13:38	10.00	2.53	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	06/22/2025	13:38	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc	06/22/2025	13:38	10.00	36.02	mg/kg	0.025	EPA 6020B

AA24800-3 MC24-3_09@13'

Collected : 06/11/2025 14:20

DRO & ORO, Soil - DRO	06/17/2025	09:22		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	06/17/2025	09:22		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	0.01565	EPA 8270



Division of Environmental Testing

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

Report Date : 6/25/2025

Report Time : 13:15

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - 2-methylnaphthalene		06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	EPA 8270
SVOC, Soils - Acenaphthene		06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	EPA 8270
SVOC, Soils - Anthracene		06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	EPA 8270
SVOC, Soils - Benz(a)anthracene		06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	EPA 8270
SVOC, Soils - Benzo(a)pyrene		06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	EPA 8270
SVOC, Soils - Chrysene		06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	EPA 8270
SVOC, Soils - Fluoranthene		06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	EPA 8270
SVOC, Soils - Fluorene		06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	EPA 8270
SVOC, Soils - Naphthalene		06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	0.0153 EPA 8270
SVOC, Soils - Pyrene		06/19/2025	16:08	5.00	Not Detected - RL1	mg/kg	0.05 EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		06/19/2025	00:00		<0.0025	mg/kg	0.00245 EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		06/19/2025	00:00		<0.0050	mg/kg	0.005 EPA 8260
VOC, Soils - Benzene		06/19/2025	00:00		Not Detected	mg/kg	0.00242 EPA 8260
VOC, Soils - Ethylbenzene		06/19/2025	00:00		Not Detected	mg/kg	0.005 EPA 8260
VOC, Soils - Gasoline Range Organics		06/19/2025	00:00		Not Detected	mg/kg	0.268 EPA 8260
VOC, Soils - m&p- xylene		06/19/2025	00:00		<0.0043	mg/kg	0.00427 EPA 8260
VOC, Soils - o-xylene		06/19/2025	00:00		<0.0023	mg/kg	0.00227 EPA 8260
VOC, Soils - Toluene		06/19/2025	00:00		<0.0026	mg/kg	0.00263 EPA 8260
VOC, Soils - Xylenes, total		06/19/2025	00:00		<0.0065	mg/kg	0.00654 EPA 8260

AA24801-1 MC24-3_11@13'

Collected : 06/11/2025 14:25

EC & pH soil by saturated paste - EC, soil	06/17/2025	15:46		3.31	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	06/17/2025	15:46		20.60	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	06/17/2025	15:46		8.13	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	06/23/2025	09:47	10.00	11.47	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	06/23/2025	09:47	10.00	5.04	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	06/23/2025	09:47	10.00	28.76	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	06/23/2025	09:47	10.00	10.01	No Unit		EPA 6020B

AA24801-2 MC24-3_11@13'

Collected : 06/11/2025 14:25

Chromium VI, Soil	06/19/2025	10:01		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	06/17/2025	06:50		0.57	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	06/22/2025	13:38	10.00	6.25	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium	06/22/2025	13:38	10.00	248.15	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium	06/22/2025	13:38	10.00	0.16	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper	06/22/2025	13:38	10.00	15.21	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead	06/22/2025	13:38	10.00	11.25	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel	06/22/2025	13:38	10.00	12.01	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium	06/22/2025	13:38	10.00	2.97	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver	06/22/2025	13:38	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B



Division of Environmental Testing

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

Report Date : 6/25/2025

Report Time : 13:15

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Total Metals, Soils - Zinc		06/22/2025 13:38	10.00	51.48	mg/kg	0.025	EPA 6020B
AA24801-3	MC24-3_11@13'	Collected : 06/11/2025 14:25					
DRO & ORO, Soil - DRO		06/17/2025 09:22		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		06/17/2025 09:22		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		06/19/2025 16:08		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/19/2025 16:08		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/19/2025 16:08		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		06/19/2025 00:00		<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		06/19/2025 00:00		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		06/19/2025 00:00		Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		06/19/2025 00:00		Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		06/19/2025 00:00		Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		06/19/2025 00:00		<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		06/19/2025 00:00		Not Detected	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		06/19/2025 00:00		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		06/19/2025 00:00		<0.0065	mg/kg	0.00654	EPA 8260

AA24802-1	MC24-3_12@19'	Collected : 06/11/2025 14:30					
EC & pH soil by saturated paste - EC, soil		06/17/2025 15:46		3.45	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		06/17/2025 15:46		20.50	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		06/17/2025 15:46		8.16	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		06/23/2025 09:47	10.00	10.27	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		06/23/2025 09:47	10.00	5.20	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		06/23/2025 09:47	10.00	31.83	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		06/23/2025 09:47	10.00	11.45	No Unit		EPA 6020B

AA24802-2	MC24-3_12@19'	Collected : 06/11/2025 14:30					
Chromium VI, Soil		06/19/2025 16:36		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		06/17/2025 06:50		0.38	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		06/22/2025 13:38	10.00	5.29	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		06/22/2025 13:38	10.00	105.69	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		06/22/2025 13:38	10.00	0.07	mg/kg	0.001	EPA 6020B



Division of Environmental Testing

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

Report Date : 6/25/2025

Report Time : 13:15

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Total Metals, Soils - Copper		06/22/2025 13:38	10.00	11.93	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		06/22/2025 13:38	10.00	7.48	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		06/22/2025 13:38	10.00	6.28	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		06/22/2025 13:38	10.00	1.48	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		06/22/2025 13:38	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		06/22/2025 13:38	10.00	25.70	mg/kg	0.025	EPA 6020B
AA24802-3	MC24-3_12@19'	Collected : 06/11/2025 14:30					
DRO & ORO, Soil - DRO		06/17/2025 09:22		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		06/17/2025 09:22		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		06/19/2025 16:44		<0.00313	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		06/19/2025 16:44		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		06/19/2025 16:44		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		06/19/2025 16:44		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		06/19/2025 16:44		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		06/19/2025 16:44		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		06/19/2025 16:44		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/19/2025 16:44		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		06/19/2025 16:44		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		06/19/2025 16:44		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		06/19/2025 16:44		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		06/19/2025 16:44		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/19/2025 16:44		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/19/2025 16:44		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/19/2025 16:44		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		06/19/2025 00:00		<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		06/19/2025 00:00		Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		06/19/2025 00:00		Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		06/19/2025 00:00		<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		06/19/2025 00:00		Not Detected	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		06/19/2025 00:00		<0.0043	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		06/19/2025 00:00		<0.0023	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		06/19/2025 00:00		<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		06/19/2025 00:00		<0.0065	mg/kg	0.00654	EPA 8260

AA24803-1 MC24-3_18@19' **Collected :** 06/11/2025 14:35

EC & pH soil by saturated paste - EC, soil		06/17/2025 15:46		2.92	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		06/17/2025 15:46		20.70	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		06/17/2025 15:46		8.23	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		06/23/2025 09:47	10.00	7.14	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		06/23/2025 09:47	10.00	4.36	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		06/23/2025 09:47	10.00	27.35	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		06/23/2025 09:47	10.00	11.41	No Unit		EPA 6020B

AA24803-2 MC24-3_18@19' **Collected :** 06/11/2025 14:35



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/25/2025

Report Time : 13:15

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Chromium VI, Soil		06/19/2025	16:36	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		06/17/2025	06:50	0.85	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		06/22/2025	13:38 10.00	4.11	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		06/22/2025	13:38 10.00	122.34	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		06/22/2025	13:38 10.00	0.09	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		06/22/2025	13:38 10.00	23.20	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		06/22/2025	13:38 10.00	14.29	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		06/22/2025	13:38 10.00	7.58	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		06/22/2025	13:38 10.00	0.57	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		06/22/2025	13:38 10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		06/22/2025	13:38 10.00	30.56	mg/kg	0.025	EPA 6020B
AA24803-3	MC24-3_18@19'	Collected : 06/11/2025 14:35					
DRO & ORO, Soil - DRO		06/17/2025	09:22	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		06/17/2025	09:22	Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		06/19/2025	16:44	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		06/19/2025	16:44	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		06/19/2025	16:44	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		06/19/2025	16:44	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		06/19/2025	16:44	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		06/19/2025	16:44	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		06/19/2025	16:44	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		06/19/2025	16:44	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		06/19/2025	16:44	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		06/19/2025	16:44	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		06/19/2025	16:44	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		06/19/2025	16:44	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		06/19/2025	16:44	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		06/19/2025	16:44	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		06/19/2025	16:44	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		06/19/2025	00:00	<0.0025	mg/kg	0.00245	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		06/19/2025	00:00	<0.0050	mg/kg	0.005	EPA 8260
VOC, Soils - Benzene		06/19/2025	00:00	Not Detected	mg/kg	0.00242	EPA 8260
VOC, Soils - Ethylbenzene		06/19/2025	00:00	Not Detected	mg/kg	0.005	EPA 8260
VOC, Soils - Gasoline Range Organics		06/19/2025	00:00	<0.27	mg/kg	0.268	EPA 8260
VOC, Soils - m&p- xylene		06/19/2025	00:00	Not Detected	mg/kg	0.00427	EPA 8260
VOC, Soils - o-xylene		06/19/2025	00:00	Not Detected	mg/kg	0.00227	EPA 8260
VOC, Soils - Toluene		06/19/2025	00:00	<0.0026	mg/kg	0.00263	EPA 8260
VOC, Soils - Xylenes, total		06/19/2025	00:00	Not Detected	mg/kg	0.00654	EPA 8260



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/25/2025

Report Time : 13:15

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-9395										
DUP	AA24799	1.30	0.050	mg/kg					0.77	-15 - 15
DUP	AA24828	0.28	0.050	mg/kg					10.2	-15 - 15
MB	AA24876	0.01		mg/kg						
LCS	AA24877	0.88		mg/kg	1.00		88.0	80 - 120		
LCS	AA24878	10.33		mg/kg	9.00		115	80 - 120		
CHROM_VI_SOIL-9425										
DUP	AA24799	<0.08	0.080	mg/kg						
MB	AA24940	0.02		mg/kg						
LCS	AA24942	1.42		mg/kg	1.57		90.4	80 - 120		
LCS	AA24943	1.48		mg/kg	1.57		94.3	80 - 120		



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FINAL RESULTS REPORT

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Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO_ORO_SOIL-9403										
AA24804										
Dup	DRO	315.75				Not Detected			14.3	- 30
Dup	ORO	1155.24				882.02			9.06	- 50
Matrix Spike	DRO	364.21		mg/kg	350	Not Detected	104	70 - 130		
Matrix Spike	ORO	1264.85		mg/kg	350	882.02	109	50 - 150		
AA24888										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA24889										
LCS	DRO	352.07		mg/kg			101	70 - 130		
LCS	ORO	334.16		mg/kg			95.5	50 - 150		
AA24890										
LCS	DRO	409.30		mg/kg			117	70 - 130		
LCS	ORO	359.67		mg/kg			103	50 - 150		
EC_PH-9420										
AA24804										
Dup	EC, soil	0.45	0.0005	mmhos/cm		0.45			<%MDL%	- 5
Dup	pH soil Temperature	23.00		°C		23.10				
Dup	pH, soil	8.17	0.01	SU		8.18			0.122	- 5
AA24925										
LCS	EC, soil	9.62	0.0005	mmhos/cm			96.2	85 - 115		
LCS	pH, soil	6.83	0.01	SU			99.6	85 - 115		
AA24926										
LCS	EC, soil	10.08	0.0005	mmhos/cm			101	85 - 115		
LCS	pH, soil	6.84	0.01	SU			99.7	85 - 115		
METALS_S-9411										
AA24833										
Dup	Arsenic	7.30	0.025	mg/kg		7.98			8.90	0 - 15
Dup	Barium	284.39	0.025	mg/kg		279.46			1.75	0 - 15
Dup	Cadmium	<0.01	0.01	mg/kg		<0.01				
Dup	Copper	33.25	0.025	mg/kg		35.55			6.69	0 - 15
Dup	Lead	14.69	0.025	mg/kg		14.83			0.949	0 - 15
Dup	Nickel	4.53	0.025	mg/kg		4.98			9.46	0 - 15
Dup	Selenium	1.50	0.025	mg/kg		1.72			13.7	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	35.11	0.025	mg/kg		44.73			24.1	0 - 15
Matrix Spike	Arsenic	25.73		mg/kg	20	7.98	88.8	80 - 120		
Matrix Spike	Barium	296.40		mg/kg	20	279.46	84.7	80 - 120		
Matrix Spike	Cadmium	19.10		mg/kg	20	<0.01	95.5	80 - 120		
Matrix Spike	Copper	52.72		mg/kg	20	35.55	85.8	80 - 120		
Matrix Spike	Lead	33.23		mg/kg	20	14.83	92.0	80 - 120		
Matrix Spike	Nickel	22.27		mg/kg	20	4.98	86.4	80 - 120		
Matrix Spike	Selenium	22.40		mg/kg	20	1.72	103	80 - 120		
Matrix Spike	Silver	17.39		mg/kg	20	<0.25	87.0	80 - 120		



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Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Zinc	61.13		mg/kg	20	44.73	82.0	80 - 120		

AA24901

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						

AA24903

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	0.11		mg/kg			110	80 - 120		
LCS	Silver	0.10		mg/kg			100	80 - 120		
LCS	Zinc	0.11		mg/kg			110	80 - 120		

AA24904

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-9442

AA24804

Dup	Calcium	3.55		mEq/L	3.55	3.61			1.68	- 20
Dup	Magnesium	1.35		mEq/L	1.35	1.37			1.47	- 20
Dup	Sodium	1.38		mEq/L	1.38	1.29			6.74	- 20
Dup	Sodium Adsorption Ratio	0.88		mEq/L	0.88	0.81			8.28	- 20

AA25056

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

AA25057

LCS	Calcium	10.36		ppm			104	80 - 120		
LCS	Magnesium	10.93		ppm			109	80 - 120		
LCS	Sodium	10.81		ppm			108	80 - 120		



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FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Sodium Adsorption Ratio	0.56		ppm			104	80 - 120		
AA25058										
LCS	Calcium	478.26		ppm			95.7	80 - 120		
LCS	Magnesium	473.66		ppm			94.7	80 - 120		
LCS	Sodium	491.03		ppm			98.2	80 - 120		
LCS	Sodium Adsorption Ratio	3.81		ppm			101	80 - 120		

SVOC SOIL-9386

AA24801

Dup	1-methylnaphthalene	0.328	0.010	mg/kg		Not Detected			5.97	- 30
Dup	2-methylnaphthalene	0.308	0.010	mg/kg		Not Detected			0.647	- 30
Dup	Acenaphthene	0.334	0.010	mg/kg		Not Detected			2.12	- 30
Dup	Anthracene	0.328	0.010	mg/kg		Not Detected			3.59	- 30
Dup	Benz(a)anthracene	0.353	0.010	mg/kg		Not Detected			25.2	- 30
Dup	Benzo(a)pyrene	0.348	0.010	mg/kg		Not Detected			3.11	- 30
Dup	Benzo(b)fluoranthene	0.355	0.010	mg/kg		Not Detected			3.32	- 30
Dup	Benzo(k)fluoranthene	0.214	0.010	mg/kg		Not Detected			7.64	- 30
Dup	Chrysene	0.252	0.010	mg/kg		Not Detected			11.6	- 30
Dup	Dibenz(a,h)anthracene	0.269	0.010	mg/kg		Not Detected			1.12	- 30
Dup	Fluoranthene	0.358	0.010	mg/kg		Not Detected			0.557	- 30
Dup	Fluorene	0.329	0.010	mg/kg		Not Detected			2.15	- 30
Dup	Indeno(1,2,3-cd)pyrene	0.273	0.010	mg/kg		Not Detected			3.95	- 30
Dup	Naphthalene	0.351	0.010	mg/kg		Not Detected			2.31	- 30
Dup	Pyrene	0.351	0.010	mg/kg		Not Detected			4.73	- 30
Matrix Spike	1-methylnaphthalene	0.309	0.010	mg/kg	0.3	Not Detected	103	70 - 130		
Matrix Spike	2-methylnaphthalene	0.310	0.010	mg/kg	0.3	Not Detected	103	70 - 130		
Matrix Spike	Acenaphthene	0.327	0.010	mg/kg	0.3	Not Detected	109	70 - 130		
Matrix Spike	Anthracene	0.340	0.010	mg/kg	0.3	Not Detected	113	70 - 130		
Matrix Spike	Benz(a)anthracene	0.274	0.010	mg/kg	0.3	Not Detected	91.3	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.359	0.010	mg/kg	0.3	Not Detected	120	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.367	0.010	mg/kg	0.3	Not Detected	122	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.231	0.010	mg/kg	0.3	Not Detected	77.0	70 - 130		
Matrix Spike	Chrysene	0.283	0.010	mg/kg	0.3	Not Detected	94.3	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.266	0.010	mg/kg	0.3	Not Detected	88.7	70 - 130		
Matrix Spike	Fluoranthene	0.360	0.010	mg/kg	0.3	Not Detected	120	70 - 130		
Matrix Spike	Fluorene	0.322	0.010	mg/kg	0.3	Not Detected	107	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.284	0.010	mg/kg	0.3	Not Detected	94.7	70 - 130		
Matrix Spike	Naphthalene	0.343	0.010	mg/kg	0.3	Not Detected	114	70 - 130		
Matrix Spike	Phenanthrene									
Matrix Spike	Pyrene	0.368	0.010	mg/kg	0.3	Not Detected	123	70 - 130		

AA24857

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	Acenaphthylene	Not Detected		mg/kg						
MB	Anthracene	Not Detected	0.010	mg/kg						
MB	Benz(a)anthracene	Not Detected	0.010	mg/kg						



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/25/2025

Report Time : 13:15

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Benzo(a)pyrene	Not Detected	0.010	mg/kg						
MB	Benzo(b)fluoranthene	Not Detected	0.010	mg/kg						
MB	Benzo(g,h,i)perylene	Not Detected		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	Phenanthrene	Not Detected		mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

AA24858

LCS	1-methylnaphthalene	0.334	0.010	mg/kg			111	70 - 130		
LCS	2-methylnaphthalene	0.329	0.010	mg/kg			110	70 - 130		
LCS	Acenaphthene	0.344	0.010	mg/kg			115	70 - 130		
LCS	Anthracene	0.360	0.010	mg/kg			120	70 - 130		
LCS	Benz(a)anthracene	0.275	0.010	mg/kg			91.7	70 - 130		
LCS	Benzo(a)pyrene	0.348	0.010	mg/kg			116	70 - 130		
LCS	Benzo(b)fluoranthene	0.357	0.010	mg/kg			119	70 - 130		
LCS	Benzo(k)fluoranthene	0.224	0.010	mg/kg			74.7	70 - 130		
LCS	Chrysene	0.285	0.010	mg/kg			95.0	70 - 130		
LCS	Dibenz(a,h)anthracene	0.258	0.010	mg/kg			86.0	70 - 130		
LCS	Fluoranthene	0.369	0.010	mg/kg			123	70 - 130		
LCS	Fluorene	0.358	0.010	mg/kg			119	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.279	0.010	mg/kg			93.0	70 - 130		
LCS	Naphthalene	0.351	0.010	mg/kg			117	70 - 130		
LCS	Pyrene	0.369	0.010	mg/kg			123	70 - 130		

AA24859

LCS	1-methylnaphthalene	0.321	0.010	mg/kg			107	70 - 130		
LCS	2-methylnaphthalene	0.302	0.010	mg/kg			101	70 - 130		
LCS	Acenaphthene	0.320	0.010	mg/kg			107	70 - 130		
LCS	Anthracene	0.342	0.010	mg/kg			114	70 - 130		
LCS	Benz(a)anthracene	0.322	0.010	mg/kg			107	70 - 130		
LCS	Benzo(a)pyrene	0.342	0.010	mg/kg			114	70 - 130		
LCS	Benzo(b)fluoranthene	0.358	0.010	mg/kg			119	70 - 130		
LCS	Benzo(k)fluoranthene	0.251	0.010	mg/kg			83.7	70 - 130		
LCS	Chrysene	0.343	0.010	mg/kg			114	70 - 130		
LCS	Dibenz(a,h)anthracene	0.271	0.010	mg/kg			90.3	70 - 130		
LCS	Fluoranthene	0.384	0.010	mg/kg			128	70 - 130		
LCS	Fluorene	0.303	0.010	mg/kg			101	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.267	0.010	mg/kg			89.0	70 - 130		
LCS	Naphthalene	0.328	0.010	mg/kg			109	70 - 130		
LCS	Pyrene	0.384	0.010	mg/kg			128	70 - 130		

VOC S-9412

AA24811



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 6/25/2025

Report Time : 13:15

FINAL RESULTS REPORT

Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	1,2,4-trimethylbenzene	0.015	0.00245	mg/kg		0.0025			14.3	- 30
Dup	1,3,5-trimethylbenzene	0.020	0.005	mg/kg		<0.0050			22.2	- 30
Dup	Benzene	0.070	0.00242	mg/kg		<0.0024			31.4	- 30
Dup	Ethylbenzene	0.038	0.005	mg/kg		<0.0050			30.3	- 30
Dup	Gasoline Range Organics	0.08	0.268	mg/kg		Not Detected			1.83	
Dup	m&p- xylene	0.069	0.00427	mg/kg		<0.0043			26.2	- 30
Dup	o-xylene	0.031	0.00227	mg/kg		<0.0023			25.5	- 30
Dup	Toluene	0.058	0.00263	mg/kg		<0.0026			23.1	- 30
Dup	Xylenes, total	0.100	0.00654	mg/kg		<0.0065			26.0	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.013	0.00245	mg/kg	0.050	0.0025	21.0	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.016	0.005	mg/kg	0.050	<0.0050	32.0	70 - 130		
Matrix Spike	Benzene	0.051	0.00242	mg/kg	0.050	<0.0024	102	70 - 130		
Matrix Spike	Ethylbenzene	0.028	0.005	mg/kg	0.050	<0.0050	56.0	70 - 130		
Matrix Spike	Gasoline Range Organics	0.10	0.268	mg/kg	2.54	Not Detected	43.3			
Matrix Spike	m&p- xylene	0.053	0.00427	mg/kg	0.100	<0.0043	53.0	70 - 130		
Matrix Spike	o-xylene	0.024	0.00227	mg/kg	0.050	<0.0023	48.0	70 - 130		
Matrix Spike	Toluene	0.046	0.00263	mg/kg	0.050	<0.0026	92.0	70 - 130		
Matrix Spike	Xylenes, total	0.077	0.00654	mg/kg	0.150	<0.0065	51.3	70 - 130		

AA24906

MB	1,2,4-trimethylbenzene	<0.0025	0.00245	mg/kg						
MB	1,3,5-trimethylbenzene	Not Detected	0.005	mg/kg						
MB	Benzene	Not Detected	0.00242	mg/kg						
MB	Ethylbenzene	Not Detected	0.005	mg/kg						
MB	Gasoline Range Organics	Not Detected	0.268	mg/kg						
MB	m&p- xylene	Not Detected	0.00427	mg/kg						
MB	o-xylene	Not Detected	0.00227	mg/kg						
MB	Toluene	<0.0026	0.00263	mg/kg						
MB	Xylenes, total	Not Detected	0.00654	mg/kg						

AA24907

LCS	1,2,4-trimethylbenzene	0.044	0.00245	mg/kg			88.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.042	0.005	mg/kg			84.0	70 - 130		
LCS	Benzene	0.054	0.00242	mg/kg			108	70 - 130		
LCS	Ethylbenzene	0.043	0.005	mg/kg			86.0	70 - 130		
LCS	Gasoline Range Organics	0.11	0.268	mg/kg			83.1			
LCS	m&p- xylene	0.085	0.00427	mg/kg			85.0	70 - 130		
LCS	o-xylene	0.044	0.00227	mg/kg			88.0	70 - 130		
LCS	Toluene	0.046	0.00263	mg/kg			92.0	70 - 130		
LCS	Xylenes, total	0.129	0.00654	mg/kg			86.0	70 - 130		

AA24908

LCS	1,2,4-trimethylbenzene	0.047	0.00245	mg/kg			94.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.051	0.005	mg/kg			102	70 - 130		
LCS	Benzene	0.051	0.00242	mg/kg			102	70 - 130		
LCS	Ethylbenzene	0.046	0.005	mg/kg			92.0	70 - 130		
LCS	Gasoline Range Organics	0.61	0.268	mg/kg			103			
LCS	m&p- xylene	0.096	0.00427	mg/kg			96.0	70 - 130		
LCS	o-xylene	0.049	0.00227	mg/kg			98.0	70 - 130		



Division of Environmental Testing

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

FINAL RESULTS REPORT

Report Date : 6/25/2025

Report Time : 13:15

Project Manager: Joel Mason/Tad Stout

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Toluene	0.048	0.00263	mg/kg			96.0	70 - 130		
LCS	Xylenes, total	0.145	0.00654	mg/kg			96.7	70 - 130		

<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



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

July 15, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason, Tad Stout
Project Name : CIT.CO.1054 - McCormick 24-3 #6
Project Number : n/a

Attached are the analytical results for CIT.CO.1054 - McCormick 24-3 #6 n/a received by Elevation Diagnostics, Division of Environmental Testing on July 07, 2025. This is associated with Elevation's number AA26251 .

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



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 7/15/2025

Report Time : 16:30

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054 - McCormick 24-3 #6

Project Number: n/a

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA26251-1	MC24-3_GW02	Collected : 07/02/2025	11:55				
Anions - Chloride		07/09/2025	09:06	101.00	119.80	mg/L	0.20 EPA 300.0
Anions - Sulfate		07/09/2025	09:06	101.00	563.61	mg/L	0.20 EPA 300.0
Total Dissolved Solids		07/10/2025	10:13		1142	mg/L	10.00 SM2540C, EPA160.1
AA26251-2	MC24-3_GW02	Collected : 07/02/2025	11:55				
Volatile Organic Compounds - 1,2,4-Trimethylbenzene		07/11/2025	00:00		Not Detected	µg/L	1.00 EPA 8260d
Volatile Organic Compounds - 1,3,5-Trimethylbenzene		07/11/2025	00:00		Not Detected	µg/L	1.00 EPA 8260d
Volatile Organic Compounds - Benzene		07/11/2025	00:00		Not Detected	µg/L	1.00 EPA 8260d
Volatile Organic Compounds - Ethylbenzene		07/11/2025	00:00		Not Detected	µg/L	1.00 EPA 8260d
Volatile Organic Compounds - m&p-Xylene		07/11/2025	00:00		Not Detected	µg/L	1.81 EPA 8260d
Volatile Organic Compounds - Naphthalene		07/11/2025	00:00		<0.50	µg/L	0.50 EPA 8260d
Volatile Organic Compounds - o-Xylene		07/11/2025	00:00		Not Detected	µg/L	0.99 EPA 8260d
Volatile Organic Compounds - Toluene		07/11/2025	00:00		Not Detected	µg/L	1.00 EPA 8260d
Volatile Organic Compounds - Xylenes, total		07/11/2025	00:00		Not Detected	µg/L	2.80 EPA 8260d



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 7/15/2025

Report Time : 16:30

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054 - McCormick 24-3 #6

Project Number: n/a

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
TDS-9898										
MB	AA26351	Not Detected	10.00	mg/L						
LCS	AA26352	484	10	mg/L	500		96.8	85 - 115		
DUP	AA26353	484		mg/L					0.412	- 20
LCS	AA26353	486	10	mg/L	500		97.2	85 - 115		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 7/15/2025

Report Time : 16:30

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054 - McCormick 24-3 #6

Project Number: n/a

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
ANIONS-9890										
AA26284										
Dup	Chloride	587.03		ppm		492.66			1.09	- 15
Dup	Nitrate	90.91		ppm		<5.00			4.53	- 15
Dup	Nitrite	95.30		ppm		5.65			4.36	- 15
Dup	Sulfate	17061.24		ppm		15180.32			6.14	- 15
Matrix Spike	Chloride	580.65		ppm	100	492.66	88.0	80 - 120		
Matrix Spike	Nitrate	95.12		ppm	100	<5.00	95.1	80 - 120		
Matrix Spike	Nitrite	99.55		ppm	100	5.65	93.9	80 - 120		
Matrix Spike	Sulfate	16044.42		ppm	1004	15180.32	86.1	80 - 120		
AA26340										
MB	Chloride	0.02		ppm						
MB	Nitrate	Not Detected		ppm						
MB	Nitrite	Not Detected		ppm						
MB	Sulfate	Not Detected		ppm						
AA26341										
LCS	Chloride	2.04		ppm			102	90 - 110		
LCS	Nitrate	1.95		ppm			97.5	90 - 110		
LCS	Nitrite	2.02		ppm			101	90 - 110		
LCS	Sulfate	1.87		ppm			93.5	90 - 110		
AA26342										
LCS	Chloride	2.02		ppm			101	90 - 110		
LCS	Nitrate	1.88		ppm			94.0	90 - 110		
LCS	Nitrite	1.90		ppm			95.0	90 - 110		
LCS	Sulfate	1.91		ppm			95.5	90 - 110		
VOC 8260 W-9926										
AA26349										
Dup	1,1,1-Trichloroethane	57.18		µg/L		Not Detected			4.03	- 30
Dup	1,1,2,2-Tetrachloroethane	49.06		µg/L		Not Detected			2.10	- 30
Dup	1,1,2-Trichloroethane	47.96		µg/L		Not Detected			1.79	- 30
Dup	1,1-Dichloroethene	64.10		µg/L		Not Detected			2.72	- 30
Dup	1,2-Dichloroethane	53.55		µg/L		Not Detected			2.04	- 30
Dup	Acrolein	48.59		µg/L		Not Detected			2.33	- 30
Dup	Benzene	51.99		µg/L		Not Detected			3.90	- 30
Dup	Bromoform	53.13		µg/L		Not Detected			2.61	- 30
Dup	Bromomethane	43.76		µg/L		Not Detected			5.40	- 30
Dup	Carbon tetrachloride	46.91		µg/L		Not Detected			4.40	- 30
Dup	Chlorobenzene	56.23		µg/L		Not Detected			3.49	- 30
Dup	Chlorodibromomethane	49.26		µg/L		Not Detected			1.62	- 30
Dup	Chloroform	53.29		µg/L		Not Detected			4.51	- 30
Dup	Chloromethane	27.22		µg/L		Not Detected			1.57	- 30
Dup	cis-1,2-Dichloroethene	35.32		µg/L		Not Detected			5.93	- 30
Dup	cis-1,3-Dichloropropene	53.93		µg/L		Not Detected				
Dup	Ethylbenzene	50.59		µg/L		Not Detected			2.79	- 30
Dup	m&p-Xylene	106.06		µg/L		<1.81			6.16	- 30
Dup	o-Xylene	56.53		µg/L		Not Detected			1.25	- 30



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 7/15/2025

Report Time : 16:30

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054 - McCormick 24-3 #6

Project Number: n/a

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Tetrachloroethylene	36.89		µg/L		Not Detected			3.33	- 30
Dup	Toluene	56.26		µg/L		Not Detected			4.67	- 30
Dup	trans-1,2-Dichloroethene	55.08		µg/L					4.87	- 30
Dup	trans-1,3-Dichloropropene	54.26		µg/L						
Dup	Trichloroethene	50.07		µg/L					3.64	- 30
Dup	Vinyl chloride	36.70		µg/L		Not Detected			0.711	- 30
Dup	Xylene, total	162.59		µg/L					4.43	- 30
Matrix Spike	1,1,1-Trichloroethane	110		%	50	Not Detected	110	70 - 130		
Matrix Spike	1,1,2,2-Tetrachloroethane	96.1		%	50	Not Detected	96.1	70 - 130		
Matrix Spike	1,1,2-Trichloroethane	94.2		%	50	Not Detected	94.2	70 - 130		
Matrix Spike	1,1-Dichloroethene									
Matrix Spike	1,2-Dichloroethane	105		%	50	Not Detected	105	70 - 130		
Matrix Spike	1,2-Dichloropropane				50	Not Detected				
Matrix Spike	Acrolein	94.9		%	50	Not Detected	94.9	70 - 130		
Matrix Spike	Benzene	100		%	50	Not Detected	100	70 - 130		
Matrix Spike	Bromoform	104		%	50	Not Detected	104	70 - 130		
Matrix Spike	Bromomethane									
Matrix Spike	Carbon tetrachloride	89.8		%	50	Not Detected	89.8	70 - 130		
Matrix Spike	Chlorobenzene	109		%	50	Not Detected	109	70 - 130		
Matrix Spike	Chlorodibromomethane	96.9		%	50	Not Detected	96.9	70 - 130		
Matrix Spike	Chloroform	102		%	50	Not Detected	102	70 - 130		
Matrix Spike	Chloromethane									
Matrix Spike	cis-1,3-Dichloropropene									
Matrix Spike	Ethylbenzene	98.4		%	50	Not Detected	98.4	70 - 130		
Matrix Spike	m&p-Xylene	99.7		%	100	<1.81	99.7	70 - 130		
Matrix Spike	o-Xylene	112		%	50	Not Detected	112	70 - 130		
Matrix Spike	Tetrachloroethylene	71.4		%	50	Not Detected	71.4	70 - 130		
Matrix Spike	Toluene	107		%	50	Not Detected	107	70 - 130		
Matrix Spike	trans-1,2-Dichloroethene									
Matrix Spike	trans-1,3-Dichloropropene									
Matrix Spike	Trichloroethene									
Matrix Spike	Vinyl chloride	72.9		%	50	Not Detected	72.9	70 - 130		
Matrix Spike	Xylene, total									

AA26423

MB	1,1,1-Trichloroethane	Not Detected		µg/L						
MB	1,1,2,2-Tetrachloroethane	Not Detected		µg/L						
MB	1,1,2-Trichloroethane	Not Detected		µg/L						
MB	1,1-Dichloroethane	Not Detected		µg/L						
MB	1,1-Dichloroethene	Not Detected		µg/L						
MB	1,2,4-Trimethylbenzene	<1.00		µg/L						
MB	1,2-Dichloroethane	Not Detected		µg/L						
MB	1,2-Dichloropropane	Not Detected		µg/L						
MB	1,3,5-Trimethylbenzene	Not Detected		µg/L						
MB	2-Hexanone	Not Detected		µg/L						
MB	Acetone	<10.00		µg/L						
MB	Acrolein	Not Detected		µg/L						
MB	Benzene	Not Detected		µg/L						



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 7/15/2025

Report Time : 16:30

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054 - McCormick 24-3 #6

Project Number: n/a

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Bromoform	Not Detected		µg/L						
MB	Bromomethane	<2.79		µg/L						
MB	Carbon tetrachloride	Not Detected		µg/L						
MB	Chlorobenzene	Not Detected		µg/L						
MB	Chlorodibromomethane	Not Detected		µg/L						
MB	Chloroform	Not Detected		µg/L						
MB	Chloromethane	<2.63		µg/L						
MB	cis-1,2-Dichloroethene	Not Detected		µg/L						
MB	cis-1,3-Dichloropropene	Not Detected		µg/L						
MB	Dichloromethane	<5.00		µg/L						
MB	Ethylbenzene	Not Detected		µg/L						
MB	Gasoline Range Organics	25.80		µg/L						
MB	m&p-Xylene	Not Detected		µg/L						
MB	Methyl t-butyl ether	Not Detected		µg/L						
MB	Naphthalene	Not Detected		µg/L						
MB	o-Xylene	Not Detected		µg/L						
MB	Tetrachloroethylene	Not Detected		µg/L						
MB	Toluene	<1.00		µg/L						
MB	trans-1,2-Dichloroethene	Not Detected		µg/L						
MB	trans-1,3-Dichloropropene	Not Detected		µg/L						
MB	Trichloroethene	Not Detected		µg/L						
MB	Vinyl chloride	Not Detected		µg/L						
MB	Xylene, total	Not Detected		µg/L						

AA26424

LCS	1,1,1-Trichloroethane	61.56		µg/L			123	70 - 130		
LCS	1,1,2,2-Tetrachloroethane	46.76		µg/L			93.5	70 - 130		
LCS	1,1,2-Trichloroethane	45.35		µg/L			90.7	70 - 130		
LCS	1,1-Dichloroethene	35.81		µg/L			71.6	70 - 130		
LCS	1,2,4-Trimethylbenzene	59.77		µg/L			120	70 - 130		
LCS	1,2-Dichloroethane	55.86		µg/L			112	70 - 130		
LCS	1,2-Dichloropropane	48.60		µg/L			97.2	70 - 130		
LCS	1,3,5-Trimethylbenzene	58.83		µg/L			118	70 - 130		
LCS	2-Hexanone	61.15		µg/L			122	70 - 130		
LCS	Acetone	42.38		µg/L			84.8	70 - 130		
LCS	Acrolein	38.25		µg/L			76.5	70 - 130		
LCS	Benzene	55.49		µg/L			111	70 - 130		
LCS	Bromoform	52.30		µg/L			105	70 - 130		
LCS	Bromomethane	59.99		µg/L						
LCS	Carbon tetrachloride	48.90		µg/L			97.8	70 - 130		
LCS	Chlorobenzene	55.94		µg/L			112	70 - 130		
LCS	Chlorodibromomethane	49.90		µg/L			99.8	70 - 130		
LCS	Chloroform	56.09		µg/L			112	70 - 130		
LCS	Chloromethane	45.29		µg/L			90.6	70 - 130		
LCS	cis-1,2-Dichloroethene	37.17		µg/L			74.3	70 - 130		
LCS	cis-1,3-Dichloropropene	53.04		µg/L			106	70 - 130		
LCS	Dichloromethane	51.44		µg/L			103	70 - 130		
LCS	Ethylbenzene	51.73		µg/L			103	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 7/15/2025

Report Time : 16:30

FINAL RESULTS REPORT

Project Manager: Joel Mason, Tad Stout

Project Name: CIT.CO.1054 - McCormick 24-3 #6

Project Number: n/a

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Gasoline Range Organics	2790.74		µg/L			110			
LCS	m&p-Xylene	104.92		µg/L			105	70 - 130		
LCS	Methyl t-butyl ether	36.53		µg/L			73.1	70 - 130		
LCS	Naphthalene	38.06		µg/L			76.1	70 - 130		
LCS	o-Xylene	52.93		µg/L			106	70 - 130		
LCS	Tetrachloroethylene	37.72		µg/L			75.4	70 - 130		
LCS	Toluene	57.05		µg/L			114	70 - 130		
LCS	trans-1,2-Dichloroethene	68.26		µg/L			117	70 - 130		
LCS	trans-1,3-Dichloropropene	58.75		µg/L			108	70 - 130		
LCS	Trichloroethene	54.07		µg/L			108	70 - 130		
LCS	Vinyl chloride	55.06		µg/L			110	70 - 130		
LCS	Xylene, total	157.85		µg/L			105	70 - 130		

AA26425

LCS	1,1,1-Trichloroethane	55.01		µg/L			110	70 - 130		
LCS	1,1,2,2-Tetrachloroethane	40.39		µg/L			80.8	70 - 130		
LCS	1,1,2-Trichloroethane	45.76		µg/L			91.5	70 - 130		
LCS	1,2,4-Trimethylbenzene	63.48		µg/L			127	70 - 130		
LCS	1,2-Dichloroethane	48.57		µg/L			97.1	70 - 130		
LCS	1,2-Dichloropropane	42.67		µg/L			85.3	70 - 130		
LCS	1,3,5-Trimethylbenzene	59.30		µg/L			119	70 - 130		
LCS	2-Hexanone	53.20		µg/L			106	70 - 130		
LCS	Acetone	36.00		µg/L			72.0	70 - 130		
LCS	Acrolein	35.18		µg/L			70.4	70 - 130		
LCS	Benzene	50.04		µg/L			100	70 - 130		
LCS	Bromoform	51.94		µg/L			104	70 - 130		
LCS	Carbon tetrachloride	41.40		µg/L			82.8	70 - 130		
LCS	Chlorobenzene	55.25		µg/L			110	70 - 130		
LCS	Chlorodibromomethane	48.06		µg/L			96.1	70 - 130		
LCS	Chloroform	52.36		µg/L			105	70 - 130		
LCS	Chloromethane	36.27		µg/L			72.5	70 - 130		
LCS	cis-1,2-Dichloroethene	35.11		µg/L			70.2	70 - 130		
LCS	cis-1,3-Dichloropropene	47.20		µg/L			94.4	70 - 130		
LCS	Dichloromethane	63.35		µg/L			127	70 - 130		
LCS	Ethylbenzene	48.47		µg/L			96.9	70 - 130		
LCS	Gasoline Range Organics	2792.01		µg/L			107			
LCS	m&p-Xylene	98.16		µg/L			98.2	70 - 130		
LCS	Methyl t-butyl ether	39.58		µg/L			79.2	70 - 130		
LCS	Naphthalene	38.93		µg/L			77.9	70 - 130		
LCS	o-Xylene	51.01		µg/L			102	70 - 130		
LCS	Tetrachloroethylene	36.29		µg/L			72.6	70 - 130		
LCS	Toluene	53.32		µg/L			107	70 - 130		
LCS	trans-1,2-Dichloroethene	64.57		µg/L			129	70 - 130		
LCS	trans-1,3-Dichloropropene	47.57		µg/L			95.1	70 - 130		
LCS	Trichloroethene	57.31		µg/L			115	70 - 130		
LCS	Vinyl chloride	36.74		µg/L			73.5	70 - 130		
LCS	Xylene, total	149.17		µg/L			99.4	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

August 13, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason
Project Name : Citation McCormick (24-3) #6
Project Number : CIT.CO.1054

Attached are the analytical results for Citation McCormick (24-3) #6 CIT.CO.1054 received by Elevation Diagnostics, Division of Environmental Testing on July 17, 2025. This is associated with Elevation's number AA26900 .

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

Client: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, WY 82834
 Phone: 307-262-8975, 970-381-7363
 Project Contact: Joel.Mason@absarokasolutions.com

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

Project Name/Number: CIT.CO.1054
 Project Location: Citation McCormick (24-3) #6
 Collector Name: _____

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested				Interim report requested	
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full 915 Suite	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
1	MC24-3_14@2'	7/16/25	12:40	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Notes pH, EC, SAR only. HOLD remaining until data reviewed by AE2.
2	MC24-3_14@5'	7/16/25	12:45	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	MC24-3_16@2'	7/16/25	11:40	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	MC24-3_16@5'	7/16/25	11:45	3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Relinquished By: [Signature]
 Date/Time: 7/17/25

Relinquished By: _____
 Date/Time: _____

Relinquished By: _____
 Date/Time: _____

Scan to Deliver Samples

Lab Use Only
 Observed Temperature Upon Receipt: 4.4 °C
 Corrected Temperature Upon Receipt: 3.8 °C
 Thermometer #: EDY EQ 350
 Correction Factor: -0.6 °C

Samples Intact: Yes No 2025-07-17-017
 pH Checked: Yes No Lot/EQM Number:
 pH Adjusted: Yes No
 PFAS rec'd on ice: Yes No N/A
 Name/Lot Number of Adjustment: N/A



EFOR-008.005

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
 800-440-5184

Report Date : 8/13/2025

Report Time : 12:20

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.	
Analyte Name		Analysis Start					Recovery	
AA26900-1	MC24-3_14@2'	Collected : 07/16/2025	12:40					
EC & pH soil by saturated paste - EC, soil		07/23/2025	09:15	0.55	mmhos/cm	0.0005	USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH soil Temperature		07/23/2025	09:15	21.10	°C		USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH, soil		07/23/2025	09:15	8.16	SU	0.01	USDA 60/EPA 9045	
SAR Saturated Paste - Calcium		07/24/2025	09:13	10.00	2.59	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025	09:13	10.00	1.12	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025	09:13	10.00	1.60	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025	09:13	10.00	1.17	No Unit		EPA 6020B
AA26900-2	MC24-3_14@2'	Collected : 07/16/2025	12:40					
DRO & ORO, Soil - DRO		07/31/2025	13:50	Not Detected	mg/kg	100.00	EPA 8015D	
DRO & ORO, Soil - ORO		07/31/2025	13:50	Not Detected	mg/kg	100.00	EPA 8015D	
SVOC, Soils - 1-methylnaphthalene		07/30/2025	00:00	Not Detected	mg/kg	0.00313	EPA 8270	
SVOC, Soils - 2-methylnaphthalene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Acenaphthene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Anthracene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benz(a)anthracene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(a)pyrene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(b)fluoranthene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(k)fluoranthene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Chrysene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Dibenz(a,h)anthracene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Fluoranthene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Fluorene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Indeno(1,2,3-cd)pyrene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Naphthalene		07/30/2025	00:00	Not Detected	mg/kg	0.00306	EPA 8270	
SVOC, Soils - Pyrene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
VOC, Soils - 1,2,4-trimethylbenzene		07/30/2025	13:16	<0.0016	mg/kg	0.0016	EPA 8260d	
VOC, Soils - 1,3,5-trimethylbenzene		07/30/2025	13:16	<0.0015	mg/kg	0.0015	EPA 8260d	
VOC, Soils - Benzene		07/30/2025	13:16	<0.0015	mg/kg	0.0015	EPA 8260d	
VOC, Soils - Ethylbenzene		07/30/2025	13:16	Not Detected	mg/kg	0.0014	EPA 8260d	
VOC, Soils - Gasoline Range Organics		07/30/2025	13:16	<0.223	mg/kg	0.223	EPA 8260d	
VOC, Soils - m&p- xylene		07/30/2025	13:16	Not Detected	mg/kg	0.0029	EPA 8260d	
VOC, Soils - o-xylene		07/30/2025	13:16	<0.0014	mg/kg	0.0014	EPA 8260d	
VOC, Soils - Toluene		07/30/2025	13:16	<0.0016	mg/kg	0.0016	EPA 8260d	
VOC, Soils - Xylenes, total		07/30/2025	13:16	<0.0043	mg/kg	0.0043	EPA 8260d	
AA26900-3	MC24-3_14@2'	Collected : 07/16/2025	12:40					
Chromium VI, Soil		07/31/2025	10:30	<0.08	mg/kg	0.080	EPA 7199	
Hot Water Soluble Boron		07/29/2025	13:22	0.07	mg/kg	0.050	Boron Hot Water Extraction	
Total Metals, Soils - Arsenic		07/31/2025	06:56	10.00	4.56	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		07/31/2025	06:56	10.00	161.18	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		07/31/2025	06:56	10.00	0.18	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		07/31/2025	06:56	10.00	8.40	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		07/31/2025	06:56	10.00	9.20	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		07/31/2025	06:56	10.00	9.43	mg/kg	0.025	EPA 6020B



Division of Environmental Testing

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

Report Date : 8/13/2025

Report Time : 12:20

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Total Metals, Soils - Selenium		07/31/2025 06:56	10.00	2.79	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		07/31/2025 06:56	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		07/31/2025 06:56	10.00	35.86	mg/kg	0.025	EPA 6020B

AA26901-1 MC24-3_14@5' **Collected :** 07/16/2025 12:45

EC & pH soil by saturated paste - EC, soil		07/21/2025 09:16		0.63	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		07/21/2025 09:16		21.60	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		07/21/2025 09:16		8.52	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		07/24/2025 09:07	10.00	1.09	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025 09:07	10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025 09:07	10.00	3.77	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025 09:07	10.00	4.54	No Unit		EPA 6020B

AA26901-2 MC24-3_14@5' **Collected :** 07/16/2025 12:45

DRO & ORO, Soil - DRO		08/06/2025 12:01		Not Detected - H1	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		08/06/2025 12:01		<100.00 - H1	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		07/31/2025 14:22		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		07/31/2025 14:22		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		08/07/2025 00:00		<0.0016 - H1	mg/kg	0.0016	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		08/07/2025 00:00		<0.0015 - H1	mg/kg	0.0015	EPA 8260
VOC, Soils - Benzene		08/07/2025 00:00		<0.0015 - H1	mg/kg	0.0015	EPA 8260
VOC, Soils - Ethylbenzene		08/07/2025 00:00		<0.0014 - H1	mg/kg	0.0014	EPA 8260
VOC, Soils - Gasoline Range Organics		08/07/2025 00:00		Not Detected - H1	mg/kg	0.223	EPA 8260
VOC, Soils - m&p- xylene		08/07/2025 00:00		<0.0029 - H1	mg/kg	0.0029	EPA 8260
VOC, Soils - o-xylene		08/07/2025 00:00		<0.0014 - H1	mg/kg	0.0014	EPA 8260
VOC, Soils - Toluene		08/07/2025 00:00		<0.0016 - H1	mg/kg	0.0016	EPA 8260
VOC, Soils - Xylenes, total		08/07/2025 00:00		<0.0043 - H1	mg/kg	0.0043	EPA 8260

AA26901-3 MC24-3_14@5' **Collected :** 07/16/2025 12:45

Chromium VI, Soil		08/01/2025 14:45		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		07/31/2025 08:11		0.17	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		08/01/2025 06:45	10.00	4.80	mg/kg	0.025	EPA 6020B



Division of Environmental Testing

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

Report Date : 8/13/2025

Report Time : 12:20

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected		Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start						Recovery
Total Metals, Soils - Barium		08/01/2025	06:45	10.00	133.47	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		08/01/2025	06:45	10.00	0.12	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		08/01/2025	06:45	10.00	7.86	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		08/01/2025	06:45	10.00	8.19	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		08/01/2025	06:45	10.00	8.35	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		08/01/2025	06:45	10.00	3.82	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		08/01/2025	06:45	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		08/01/2025	06:45	10.00	34.68	mg/kg	0.025	EPA 6020B

AA26902-1 MC24-3_16@2' **Collected :** 07/16/2025 11:40

EC & pH soil by saturated paste - EC, soil	07/23/2025	09:15		9.93	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	07/23/2025	09:15		21.10	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	07/23/2025	09:15		8.17	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	07/24/2025	09:13	10.00	20.14	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	07/24/2025	09:13	10.00	11.65	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	07/24/2025	09:13	10.00	92.41	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	07/24/2025	09:13	10.00	23.18	No Unit		EPA 6020B

AA26903-1 MC24-3_16@5' **Collected :** 07/16/2025 11:45

EC & pH soil by saturated paste - EC, soil	07/23/2025	09:15		9.38	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	07/23/2025	09:15		21.00	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	07/23/2025	09:15		8.46	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	07/24/2025	09:13	10.00	10.00	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	07/24/2025	09:13	10.00	7.21	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	07/24/2025	09:13	10.00	102.00	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	07/24/2025	09:13	10.00	34.77	No Unit		EPA 6020B



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-10361										
DUP	AA26665	0.19	0.050	mg/kg					5.4	-15 - 15
DUP	AA27348	0.94	0.050	mg/kg					11.1	-15 - 15
DUP	AA27538	0.28	0.050	mg/kg					13.3	-15 - 15
MB	AA27663	0.01		mg/kg						
LCS	AA27664	1.06		mg/kg	1.00		106	80 - 120		
LCS	AA27665	8.52		mg/kg	9.00		94.7	80 - 120		
BORON-10444										
DUP	AA27630	0.40	0.050	mg/kg					7.2	-15 - 15
DUP	AA27738	0.27	0.050	mg/kg					7.1	-15 - 15
MB	AA27896	0.00		mg/kg						
LCS	AA27897	1.06		mg/kg	1.00		106	80 - 120		
LCS	AA27898	8.86		mg/kg	9.00		98.4	80 - 120		
CHROM_VI_SOIL-10394										
DUP	AA26665	<0.08	0.080	mg/kg						
MB	AA27711	0.03		mg/kg						
LCS	AA27713	1.48		mg/kg	1.57		94.3	80 - 120		
LCS	AA27714	1.49		mg/kg	1.57		94.9	80 - 120		
CHROM_VI_SOIL-10441										
DUP	AA26901	<0.08	0.080	mg/kg						
MB	AA27884	0.04		mg/kg						
LCS	AA27886	1.54		mg/kg	1.62		95.1	80 - 120		
LCS	AA27887	1.53		mg/kg	1.62		94.4	80 - 120		



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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DRO ORO SOIL-10398

AA26900

Dup	DRO	297.66				Not Detected			10.9	- 30
Dup	ORO	367.26				Not Detected			2.18	- 50
Matrix Spike	DRO	332.12		mg/kg	350	Not Detected	94.9	70 - 130		
Matrix Spike	ORO	375.37		mg/kg	350	Not Detected	107	50 - 150		

AA27749

MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						

AA27750

LCS	DRO	299.03		mg/kg			85.4	70 - 130		
LCS	ORO	377.14		mg/kg			108	50 - 150		

AA27751

LCS	DRO	399.53		mg/kg			114	70 - 130		
LCS	ORO	416.73		mg/kg			119	50 - 150		

DRO ORO SOIL-10496

AA27507

Dup	DRO	358.66				Not Detected			5.94	- 30
Dup	ORO	383.67				<100.00			2.05	- 50
Matrix Spike	DRO	380.63		mg/kg	350	Not Detected	109	70 - 130		
Matrix Spike	ORO	375.89		mg/kg	350	<100.00	107	50 - 150		

AA28075

MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						

AA28076

LCS	DRO	321.57		mg/kg			91.9	70 - 130		
LCS	ORO	367.39		mg/kg			105	50 - 150		

AA28077

LCS	DRO	377.48		mg/kg			108	70 - 130		
LCS	ORO	427.72		mg/kg			122	50 - 150		

EC PH-10139

AA26830

Dup	EC, soil	0.31	0.0005	mmhos/cm		0.32			3.17	- 5
Dup	pH soil Temperature	21.20		°C		21.30				
Dup	pH, soil	8.09	0.01	SU		8.02			0.869	- 5

AA26972

LCS	EC, soil	9.48	0.0005	mmhos/cm			94.8	85 - 115		
LCS	pH, soil	6.89	0.01	SU			100	85 - 115		

AA26973

LCS	EC, soil	9.66	0.0005	mmhos/cm			96.6	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		

EC PH-10182

AA26900

Dup	EC, soil	0.54	0.0005	mmhos/cm		0.55			1.83	- 5
Dup	pH soil Temperature	21.3		°C		21.10				



Division of Environmental Testing

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Aurora, CO 80045

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	pH, soil	8.15	0.01	SU		8.16			0.123	- 5
AA27045										
LCS	EC, soil	9.59	0.0005	mmhos/cm			95.9	85 - 115		
LCS	pH, soil	6.85	0.01	SU			99.9	85 - 115		
AA27046										
LCS	EC, soil	9.59	0.0005	mmhos/cm			95.9	85 - 115		
LCS	pH, soil	6.87	0.01	SU			100	85 - 115		

METALS S-10397

AA27508

Dup	Arsenic	6.38	0.025	mg/kg		6.39			0.157	0 - 15
Dup	Barium	130.16	0.025	mg/kg		128.93			0.949	0 - 15
Dup	Cadmium	0.53	0.001	mg/kg		0.52			1.90	0 - 15
Dup	Copper	22.75	0.025	mg/kg		22.56			0.839	0 - 15
Dup	Lead	51.54	0.025	mg/kg		55.24			6.93	0 - 15
Dup	Nickel	16.07	0.025	mg/kg		16.14			0.435	0 - 15
Dup	Selenium	2.80	0.025	mg/kg		3.10			10.2	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	117.13	0.025	mg/kg		117.60			0.400	0 - 15
Matrix Spike	Arsenic	26.89		mg/kg	20	6.39	102	80 - 120		
Matrix Spike	Barium	147.75		mg/kg	20	128.93	94.1	80 - 120		
Matrix Spike	Cadmium	20.53		mg/kg	20	0.52	100	80 - 120		
Matrix Spike	Copper	43.62		mg/kg	20	22.56	105	80 - 120		
Matrix Spike	Lead	75.92		mg/kg	20	55.24	103	80 - 120		
Matrix Spike	Nickel	36.15		mg/kg	20	16.14	100	80 - 120		
Matrix Spike	Selenium	24.44		mg/kg	20	3.10	107	80 - 120		
Matrix Spike	Silver	19.16		mg/kg	20	<0.25	95.8	80 - 120		
Matrix Spike	Zinc	138.67		mg/kg	20	117.60	105	80 - 120		

AA27539

Dup	Arsenic	4.47	0.025	mg/kg		4.63			3.52	0 - 15
Dup	Barium	64.22	0.025	mg/kg		66.80			3.94	0 - 15
Dup	Cadmium	0.30	0.001	mg/kg		0.31			3.28	0 - 15
Dup	Copper	9.45	0.025	mg/kg		10.12			6.85	0 - 15
Dup	Lead	12.83	0.025	mg/kg		12.85			0.156	0 - 15
Dup	Nickel	10.25	0.025	mg/kg		10.71			4.39	0 - 15
Dup	Selenium	2.43	0.025	mg/kg		2.76			12.7	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	46.75	0.025	mg/kg		49.85			6.42	0 - 15
Matrix Spike	Arsenic	23.16		mg/kg	20	4.63	92.6	80 - 120		
Matrix Spike	Barium	89.62		mg/kg	20	66.80	114	80 - 120		
Matrix Spike	Cadmium	18.06		mg/kg	20	0.31	88.8	80 - 120		
Matrix Spike	Copper	27.32		mg/kg	20	10.12	86.0	80 - 120		
Matrix Spike	Lead	32.05		mg/kg	20	12.85	96.0	80 - 120		
Matrix Spike	Nickel	27.50		mg/kg	20	10.71	84.0	80 - 120		
Matrix Spike	Selenium	21.30		mg/kg	20	2.76	92.7	80 - 120		
Matrix Spike	Silver	17.42		mg/kg	20	<0.25	87.1	80 - 120		
Matrix Spike	Zinc	66.86		mg/kg	20	49.85	85.0	80 - 120		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:20

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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AA27622

Dup	Arsenic	2.71	0.025	mg/kg		2.43			10.9	0 - 15
Matrix Spike	Arsenic	20.82		mg/kg	20	2.43	92.0	80 - 120		

AA27745

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						

AA27747

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.11		mg/kg			110	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

AA27748

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

METALS_S-10450

AA27623

Dup	Arsenic	5.88	0.025	mg/kg		6.16			4.65	0 - 15
Matrix Spike	Arsenic	25.69		mg/kg	20	6.16	97.6	80 - 120		

AA27722

Dup	Arsenic	16.60	0.025	mg/kg		16.01			3.62	0 - 15
Matrix Spike	Arsenic	36.40		mg/kg	20	16.01	102	80 - 120		

AA27914

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						



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Nickel	0.00		mg/kg						
MB	Selenium	0.00		mg/kg						
MB	Silver	0.00		mg/kg						
MB	Zinc	0.00		mg/kg						

AA27916

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

AA27917

LCS	Arsenic	0.09		mg/kg			90.0	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.10		mg/kg			100	80 - 120		
LCS	Copper	0.09		mg/kg			90.0	80 - 120		
LCS	Lead	0.10		mg/kg			100	80 - 120		
LCS	Nickel	0.09		mg/kg			90.0	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.09		mg/kg			90.0	80 - 120		

SAR-10171

AA26830

Dup	Calcium	2.12		mEq/L	11.6	2.38			11.6	- 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	0.12		mEq/L	8.00	0.13			8.00	- 20

AA27016

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

AA27017

LCS	Calcium	9.04		ppm			90.4	80 - 120		
LCS	Magnesium	9.16		ppm			91.6	80 - 120		
LCS	Sodium	8.96		ppm			89.6	80 - 120		
LCS	Sodium Adsorption Ratio	0.50		ppm			92.6	80 - 120		

AA27018

LCS	Calcium	404.57		ppm			80.9	80 - 120		
LCS	Magnesium	425.38		ppm			85.1	80 - 120		
LCS	Sodium	426.63		ppm			85.3	80 - 120		
LCS	Sodium Adsorption Ratio	3.53		ppm			93.4	80 - 120		

SAR-10183



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
AA26900										
Dup	Calcium	2.68		mEq/L	2.68	2.59			3.42	-20
Dup	Magnesium	1.16		mEq/L	1.16	1.12			3.51	-20
Dup	Sodium	1.62		mEq/L	1.62	1.60			1.24	-20
Dup	Sodium Adsorption Ratio	1.17		mEq/L	1.17	1.17			<%MDL%	-20
AA27047										
MB	Calcium	0.00		mEq/L						
MB	Magnesium	0.00		mEq/L						
MB	Sodium	0.00		mEq/L						
MB	Sodium Adsorption Ratio	0.00								
AA27048										
LCS	Calcium	9.04		ppm			90.4	80 - 120		
LCS	Magnesium	9.16		ppm			91.6	80 - 120		
LCS	Sodium	8.96		ppm			89.6	80 - 120		
LCS	Sodium Adsorption Ratio	0.50		ppm			92.6	80 - 120		
AA27049										
LCS	Calcium	404.57		ppm			80.9	80 - 120		
LCS	Magnesium	425.38		ppm			85.1	80 - 120		
LCS	Sodium	426.63		ppm			85.3	80 - 120		
LCS	Sodium Adsorption Ratio	3.53		ppm			93.4	80 - 120		

SVOC_SOIL-10418

AA26909										
Dup	1-methylnaphthalene	0.291	0.00313	mg/kg		Not Detected			10.5	-30
Dup	2-methylnaphthalene	0.302	0.010	mg/kg		Not Detected			8.28	-30
Dup	Acenaphthene	0.342	0.010	mg/kg		Not Detected			6.02	-30
Dup	Anthracene	0.365	0.010	mg/kg		Not Detected			<0.010	-30
Dup	Benz(a)anthracene	0.272	0.010	mg/kg		Not Detected			0.367	-30
Dup	Benzo(a)pyrene	0.278	0.010	mg/kg		Not Detected			5.55	-30
Dup	Benzo(b)fluoranthene	0.256	0.010	mg/kg		Not Detected			4.80	-30
Dup	Benzo(k)fluoranthene	0.262	0.010	mg/kg		Not Detected			5.49	-30
Dup	Chrysene	0.267	0.010	mg/kg		Not Detected			3.04	-30
Dup	Dibenz(a,h)anthracene	0.356	0.010	mg/kg		Not Detected			4.60	-30
Dup	Fluoranthene	0.299	0.010	mg/kg		Not Detected			0.671	-30
Dup	Fluorene	0.321	0.010	mg/kg		Not Detected			3.67	-30
Dup	Indeno(1,2,3-cd)pyrene	0.378	0.010	mg/kg		Not Detected			1.05	-30
Dup	Naphthalene	0.322	0.00306	mg/kg		Not Detected			9.09	-30
Dup	Pyrene	0.309	0.010	mg/kg		Not Detected			1.63	-30
Matrix Spike	1-methylnaphthalene	0.262	0.00313	mg/kg	0.300	Not Detected	87.3	70 - 130		
Matrix Spike	2-methylnaphthalene	0.278	0.010	mg/kg	0.300	Not Detected	92.7	70 - 130		
Matrix Spike	Acenaphthene	0.322	0.010	mg/kg	0.300	Not Detected	107	70 - 130		
Matrix Spike	Anthracene	0.365	0.010	mg/kg	0.300	Not Detected	122	70 - 130		
Matrix Spike	Benz(a)anthracene	0.273	0.010	mg/kg	0.300	Not Detected	91.0	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.263	0.010	mg/kg	0.300	Not Detected	87.7	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.244	0.010	mg/kg	0.300	Not Detected	81.3	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.248	0.010	mg/kg	0.300	Not Detected	82.7	70 - 130		
Matrix Spike	Chrysene	0.259	0.010	mg/kg	0.300	Not Detected	86.3	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:20

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Dibenz(a,h)anthracene	0.340	0.010	mg/kg	0.300	Not Detected	113	70 - 130		
Matrix Spike	Fluoranthene	0.297	0.010	mg/kg	0.300	Not Detected	99.0	70 - 130		
Matrix Spike	Fluorene	0.333	0.010	mg/kg	0.300	Not Detected	111	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.382	0.010	mg/kg	0.300	Not Detected	127	70 - 130		
Matrix Spike	Naphthalene	0.294	0.00306	mg/kg	0.300	Not Detected	98.0	70 - 130		
Matrix Spike	Pyrene	0.304	0.010	mg/kg	0.300	Not Detected	101	70 - 130		

AA27836

MB	1-methylnaphthalene	Not Detected	0.00313	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	0.00306	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

AA27837

LCS	1-methylnaphthalene	0.291	0.00313	mg/kg			97.0	70 - 130		
LCS	2-methylnaphthalene	0.312	0.010	mg/kg			104	70 - 130		
LCS	Acenaphthene	0.346	0.010	mg/kg			115	70 - 130		
LCS	Anthracene	0.389	0.010	mg/kg			130	70 - 130		
LCS	Benz(a)anthracene	0.263	0.010	mg/kg			87.7	70 - 130		
LCS	Benzo(a)pyrene	0.258	0.010	mg/kg			86.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.254	0.010	mg/kg			84.7	70 - 130		
LCS	Benzo(k)fluoranthene	0.255	0.010	mg/kg			85.0	70 - 130		
LCS	Chrysene	0.250	0.010	mg/kg			83.3	70 - 130		
LCS	Dibenz(a,h)anthracene	0.388	0.010	mg/kg			129	70 - 130		
LCS	Fluoranthene	0.305	0.010	mg/kg			102	70 - 130		
LCS	Fluorene	0.358	0.010	mg/kg			119	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.386	0.010	mg/kg			129	70 - 130		
LCS	Naphthalene	0.305	0.00306	mg/kg			102	70 - 130		
LCS	Pyrene	0.306	0.010	mg/kg			102	70 - 130		

AA27838

LCS	1-methylnaphthalene	0.279	0.00313	mg/kg			93.0	70 - 130		
LCS	2-methylnaphthalene	0.280	0.010	mg/kg			93.3	70 - 130		
LCS	Acenaphthene	0.309	0.010	mg/kg			103	70 - 130		
LCS	Anthracene	0.375	0.010	mg/kg			125	70 - 130		
LCS	Benz(a)anthracene	0.286	0.010	mg/kg			95.3	70 - 130		
LCS	Benzo(a)pyrene	0.264	0.010	mg/kg			88.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.253	0.010	mg/kg			84.3	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:20

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Benzo(k)fluoranthene	0.250	0.010	mg/kg			83.3	70 - 130		
LCS	Chrysene	0.263	0.010	mg/kg			87.7	70 - 130		
LCS	Dibenz(a,h)anthracene	0.339	0.010	mg/kg			113	70 - 130		
LCS	Fluoranthene	0.334	0.010	mg/kg			111	70 - 130		
LCS	Fluorene	0.317	0.010	mg/kg			106	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.339	0.010	mg/kg			113	70 - 130		
LCS	Naphthalene	0.293	0.00306	mg/kg			97.7	70 - 130		
LCS	Pyrene	0.334	0.010	mg/kg			111	70 - 130		

SVOC_SOIL-10431

AA26901

Dup	1-methylnaphthalene	0.307	0.00313	mg/kg		Not Detected			6.92	-30
Dup	2-methylnaphthalene	0.317	0.010	mg/kg		Not Detected			6.12	-30
Dup	Acenaphthene	0.345	0.010	mg/kg		Not Detected			0.578	-30
Dup	Anthracene	0.366	0.010	mg/kg		Not Detected			2.16	-30
Dup	Benz(a)anthracene	0.279	0.010	mg/kg		Not Detected			3.28	-30
Dup	Benzo(a)pyrene	0.254	0.010	mg/kg		Not Detected			4.43	-30
Dup	Benzo(b)fluoranthene	0.230	0.010	mg/kg		Not Detected			<0.010	-30
Dup	Benzo(k)fluoranthene	0.236	0.010	mg/kg		Not Detected			6.56	-30
Dup	Chrysene	0.261	0.010	mg/kg		Not Detected			1.54	-30
Dup	Dibenz(a,h)anthracene	0.313	0.010	mg/kg		Not Detected			5.89	-30
Dup	Fluoranthene	0.301	0.010	mg/kg		Not Detected			4.23	-30
Dup	Fluorene	0.354	0.010	mg/kg		Not Detected			4.03	-30
Dup	Indeno(1,2,3-cd)pyrene	0.348	0.010	mg/kg		Not Detected			5.59	-30
Dup	Naphthalene	0.352	0.00306	mg/kg		Not Detected			2.30	-30
Dup	Pyrene	0.300	0.010	mg/kg		Not Detected			4.88	-30
Matrix Spike	1-methylnaphthalene	0.329	0.00313	mg/kg	0.300	Not Detected	110	70 - 130		
Matrix Spike	2-methylnaphthalene	0.337	0.010	mg/kg	0.300	Not Detected	112	70 - 130		
Matrix Spike	Acenaphthene	0.347	0.010	mg/kg	0.300	Not Detected	116	70 - 130		
Matrix Spike	Anthracene	0.374	0.010	mg/kg	0.300	Not Detected	125	70 - 130		
Matrix Spike	Benz(a)anthracene	0.270	0.010	mg/kg	0.300	Not Detected	90.0	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.243	0.010	mg/kg	0.300	Not Detected	81.0	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.230	0.010	mg/kg	0.300	Not Detected	76.7	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.221	0.010	mg/kg	0.300	Not Detected	73.7	70 - 130		
Matrix Spike	Chrysene	0.257	0.010	mg/kg	0.300	Not Detected	85.7	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.332	0.010	mg/kg	0.300	Not Detected	111	70 - 130		
Matrix Spike	Fluoranthene	0.314	0.010	mg/kg	0.300	Not Detected	105	70 - 130		
Matrix Spike	Fluorene	0.340	0.010	mg/kg	0.300	Not Detected	113	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.368	0.010	mg/kg	0.300	Not Detected	123	70 - 130		
Matrix Spike	Naphthalene	0.344	0.00306	mg/kg	0.300	Not Detected	115	70 - 130		
Matrix Spike	Pyrene	0.315	0.010	mg/kg	0.300	Not Detected	105	70 - 130		

AA27851

MB	1-methylnaphthalene	Not Detected	0.00313	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						



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:20

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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	0.00306	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

AA27852

LCS	1-methylnaphthalene	0.337	0.00313	mg/kg			112	70 - 130		
LCS	2-methylnaphthalene	0.347	0.010	mg/kg			116	70 - 130		
LCS	Acenaphthene	0.349	0.010	mg/kg			116	70 - 130		
LCS	Anthracene	0.388	0.010	mg/kg			129	70 - 130		
LCS	Benz(a)anthracene	0.274	0.010	mg/kg			91.3	70 - 130		
LCS	Benzo(a)pyrene	0.259	0.010	mg/kg			86.3	70 - 130		
LCS	Benzo(b)fluoranthene	0.239	0.010	mg/kg			79.7	70 - 130		
LCS	Benzo(k)fluoranthene	0.238	0.010	mg/kg			79.3	70 - 130		
LCS	Chrysene	0.264	0.010	mg/kg			88.0	70 - 130		
LCS	Dibenz(a,h)anthracene	0.338	0.010	mg/kg			113	70 - 130		
LCS	Fluoranthene	0.323	0.010	mg/kg			108	70 - 130		
LCS	Fluorene	0.356	0.010	mg/kg			119	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.386	0.010	mg/kg			129	70 - 130		
LCS	Naphthalene	0.355	0.00306	mg/kg			118	70 - 130		
LCS	Pyrene	0.324	0.010	mg/kg			108	70 - 130		

AA27853

LCS	1-methylnaphthalene	0.326	0.00313	mg/kg			109	70 - 130		
LCS	2-methylnaphthalene	0.326	0.010	mg/kg			109	70 - 130		
LCS	Acenaphthene	0.342	0.010	mg/kg			114	70 - 130		
LCS	Anthracene	0.353	0.010	mg/kg			118	70 - 130		
LCS	Benz(a)anthracene	0.258	0.010	mg/kg			86.0	70 - 130		
LCS	Benzo(a)pyrene	0.234	0.010	mg/kg			78.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.224	0.010	mg/kg			74.7	70 - 130		
LCS	Benzo(k)fluoranthene	0.230	0.010	mg/kg			76.7	70 - 130		
LCS	Chrysene	0.236	0.010	mg/kg			78.7	70 - 130		
LCS	Dibenz(a,h)anthracene	0.310	0.010	mg/kg			103	70 - 130		
LCS	Fluoranthene	0.300	0.010	mg/kg			100	70 - 130		
LCS	Fluorene	0.337	0.010	mg/kg			112	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.345	0.010	mg/kg			115	70 - 130		
LCS	Naphthalene	0.335	0.00306	mg/kg			112	70 - 130		
LCS	Pyrene	0.303	0.010	mg/kg			101	70 - 130		

VOC S-10396

AA27472										
Dup	1,2,4-trimethylbenzene	0.003	0.0016	mg/kg		<0.0016			40.0	- 30
Dup	1,3,5-trimethylbenzene	0.004	0.0015	mg/kg		<0.0015			28.6	- 30



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:20

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Ethylbenzene	0.009	0.0014	mg/kg		Not Detected			25.0	- 30
Dup	Gasoline Range Organics	0.619	0.223	mg/kg		<0.223			16.8	
Dup	m&p- xylene	0.017	0.0029	mg/kg					26.7	- 30
Dup	o-xylene	0.07	0.0014	mg/kg					173	- 30
Dup	Xylenes, total	0.024	0.0043	mg/kg		<0.0043			28.6	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.002		mg/kg	0.050	<0.0016	4.00	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.003		mg/kg	0.050	<0.0015	6.00	70 - 130		
Matrix Spike	Ethylbenzene	0.007		mg/kg	0.050	Not Detected	14.0	70 - 130		
Matrix Spike	Gasoline Range Organics	0.523		mg/kg	2.54	<0.223	20.6			
Matrix Spike	m&p- xylene	0.013		mg/kg						
Matrix Spike	o-xylene	0.005		mg/kg						
Matrix Spike	Xylenes, total	0.018		mg/kg	0.150	<0.0043	12.0	70 - 130		

AA27734

MB	1,2,4-trimethylbenzene	<0.0016		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	0.223		mg/kg						
MB	m&p- xylene	<0.0029		mg/kg						
MB	o-xylene	<0.0014		mg/kg						
MB	Toluene	<0.0016		mg/kg						
MB	Xylenes, total	<0.0043		mg/kg						

AA27735

LCS	1,2,4-trimethylbenzene	0.043		mg/kg			86.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.047		mg/kg			94.0	70 - 130		
LCS	Benzene	0.056		mg/kg			112	70 - 130		
LCS	Ethylbenzene	0.044		mg/kg			88.0	70 - 130		
LCS	Gasoline Range Organics	0.37		mg/kg			93.3			
LCS	m&p- xylene	0.091		mg/kg			91.0	70 - 130		
LCS	o-xylene	0.041		mg/kg			82.0	70 - 130		
LCS	Toluene	0.045		mg/kg			90.0	70 - 130		
LCS	Xylenes, total	0.132		mg/kg			88.0	70 - 130		

AA27736

LCS	1,2,4-trimethylbenzene	0.041		mg/kg			82.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.044		mg/kg			88.0	70 - 130		
LCS	Benzene	0.052		mg/kg			104	70 - 130		
LCS	Ethylbenzene	0.042		mg/kg			84.0	70 - 130		
LCS	Gasoline Range Organics	0.96		mg/kg			77.2			
LCS	m&p- xylene	0.087		mg/kg			87.0	70 - 130		
LCS	o-xylene	0.041		mg/kg			82.0	70 - 130		
LCS	Toluene	0.044		mg/kg			88.0	70 - 130		
LCS	Xylenes, total	0.128		mg/kg			85.3	70 - 130		

VOC_S-10487

AA26938

Dup	1,2,4-trimethylbenzene	0.042	0.0016	mg/kg		<0.0016			<0.0016	- 30
Dup	1,3,5-trimethylbenzene	0.040	0.0015	mg/kg		<0.0015			2.47	- 30



Division of Environmental Testing

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

Report Date : 8/13/2025

Report Time : 12:20

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Benzene	0.060	0.0015	mg/kg		<0.0015			3.39	- 30
Dup	Ethylbenzene	0.048	0.0014	mg/kg		<0.0014			2.11	- 30
Dup	Gasoline Range Organics	2.15	0.223	mg/kg		Not Detected			<0.223	
Dup	m&p- xylene	0.089	0.0029	mg/kg		<0.0029			1.13	- 30
Dup	o-xylene	0.048	0.0014	mg/kg		<0.0014			2.11	- 30
Dup	Toluene	0.047	0.0016	mg/kg		<0.0016			2.15	- 30
Dup	Xylenes, total	0.137	0.0043	mg/kg		<0.0043			1.47	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.042		mg/kg	0.050	<0.0016	84.0	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.041		mg/kg	0.050	<0.0015	82.0	70 - 130		
Matrix Spike	Benzene	0.058		mg/kg	0.050	<0.0015	116	70 - 130		
Matrix Spike	Ethylbenzene	0.047		mg/kg	0.050	<0.0014	94.0	70 - 130		
Matrix Spike	Gasoline Range Organics	2.15		mg/kg	2.54	Not Detected	84.6			
Matrix Spike	m&p- xylene	0.088		mg/kg	0.100	<0.0029	88.0	70 - 130		
Matrix Spike	o-xylene	0.047		mg/kg	0.050	<0.0014	94.0	70 - 130		
Matrix Spike	Toluene	0.046		mg/kg	0.050	<0.0016	92.0	70 - 130		
Matrix Spike	Xylenes, total	0.135		mg/kg	0.150	<0.0043	90.0	70 - 130		

AA28055

MB	1,2,4-trimethylbenzene	<0.0016		mg/kg						
MB	1,3,5-trimethylbenzene	<0.0015		mg/kg						
MB	Benzene	Not Detected		mg/kg						
MB	Ethylbenzene	Not Detected		mg/kg						
MB	Gasoline Range Organics	Not Detected		mg/kg						
MB	m&p- xylene	<0.0029		mg/kg						
MB	Naphthalene	Not Detected		mg/kg						
MB	o-xylene	<0.0014		mg/kg						
MB	Toluene	<0.0016		mg/kg						
MB	Xylenes, total	<0.0043		mg/kg						

AA28056

LCS	1,2,4-trimethylbenzene	0.048		mg/kg			96.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.045		mg/kg			90.0	70 - 130		
LCS	Benzene	0.064		mg/kg			128	70 - 130		
LCS	Ethylbenzene	0.051		mg/kg			102	70 - 130		
LCS	Gasoline Range Organics	2.34		mg/kg			92.1			
LCS	m&p- xylene	0.096		mg/kg			96.0	70 - 130		
LCS	Naphthalene	0.046		mg/kg			92.0	70 - 130		
LCS	o-xylene	0.052		mg/kg			104	70 - 130		
LCS	Toluene	0.052		mg/kg			104	70 - 130		
LCS	Xylenes, total	0.148		mg/kg			98.7	70 - 130		

AA28057

LCS	1,2,4-trimethylbenzene	0.052		mg/kg			104	70 - 130		
LCS	1,3,5-trimethylbenzene	0.050		mg/kg			100	70 - 130		
LCS	Benzene	0.064		mg/kg			128	70 - 130		
LCS	Ethylbenzene	0.057		mg/kg			114	70 - 130		
LCS	Gasoline Range Organics	2.57		mg/kg			101			
LCS	m&p- xylene	0.107		mg/kg			107	70 - 130		
LCS	Naphthalene	0.062		mg/kg			124	70 - 130		



Division of Environmental Testing

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

Report Date : 8/13/2025

Report Time : 12:20

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	o-xylene	0.059		mg/kg			118	70 - 130		
LCS	Toluene	0.056		mg/kg			112	70 - 130		
LCS	Xylenes, total	0.166		mg/kg			111	70 - 130		

<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.
EST	The concentration indicated has been estimated due to high analyte content.
E	Electronic loss or corruption of data.
I	Subcontracted sample



Division of Environmental Testing

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

August 13, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason
Project Name : Citation McCormick (24-3) #6
Project Number : CIT.CO.1054

Attached are the analytical results for Citation McCormick (24-3) #6 CIT.CO.1054 received by Elevation Diagnostics, Division of Environmental Testing on July 17, 2025. This is associated with Elevation's number AA26908 .

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: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, WY 82834
 Phone: 307-262-8975, 970-381-7363
 Project Contact: Joel.Mason@absarokasolutions.com

Project Name/Number: CIT.CO.1054
 Project Location: Citation McCormick (24-3) #6
 Collector Name: Cecilia Kayser & Todd Mayo

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative			Matrix			Analysis Requested				Interim report requested		
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full	915	Suite	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
1	MC24-3_09@2'	7/16/25	11:50	3			✓			✓							Notes pH, EC, SAR only. HOLD remaining until data reviewed by AE2.
2	MC24-3_09@5'	7/16/25	11:55	3			✓			✓							
3	MC24-3_09@10'	7/16/25	12:00	3			✓			✓							
4	MC24-3_07@2'	7/16/25	12:05	3			✓			✓							
5	MC24-3_07@5'	7/16/25	12:10	3			✓			✓							
6	MC24-3_07@10'	7/16/25	12:15	3			✓			✓							
7	MC24-3_06@2'	7/16/25	12:20	3			✓			✓							
8	MC24-3_06@5'	7/16/25	12:25	3			✓			✓							
9	MC24-3_11@2'	7/16/25	12:30	3			✓			✓							
10	MC24-3_11@5'	7/16/25	12:35	3			✓			✓							

Relinquished By: <u>Cecilia Kayser</u>	Relinquished By:	Relinquished By:	Scan to Deliver Samples 
Date/Time: <u>7/17/25</u>	Date/Time:	Date/Time:	
Lab Use Only	Observed Temperature Upon Receipt: <u>4.4°C</u>	Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No	2025-07-17-019
	Corrected Temperature Upon Receipt: <u>3.8°C</u>	pH Checked: <input checked="" type="radio"/> Yes <input type="radio"/> No	Lot/EQM Number:
	Thermometer #: <u>BDX EQ 350</u>	pH Adjusted: <input checked="" type="radio"/> Yes <input type="radio"/> No	
	Correction Factor: <u>-0.6°C</u>	PFAS rec'd on ice: <input checked="" type="radio"/> Yes <input type="radio"/> No <u>N/A</u>	
		Name/Lot Number of Adjustment: <u>N/A</u>	

EFOR-008.005

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
 800-440-5184

Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.	
Analyte Name		Analysis Start					Recovery	
AA26908-1	MC24-3_09@2'	Collected : 07/16/2025	11:50					
EC & pH soil by saturated paste - EC, soil		07/23/2025	09:15	0.45	mmhos/cm	0.0005	USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH soil Temperature		07/23/2025	09:15	20.90	°C		USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH, soil		07/23/2025	09:15	8.16	SU	0.01	USDA 60/EPA 9045	
SAR Saturated Paste - Calcium		07/24/2025	09:13	10.00	2.96	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025	09:13	10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025	09:13	10.00	0.70	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025	09:13	10.00	0.51	No Unit	EPA 6020B	
AA26908-2	MC24-3_09@2'	Collected : 07/16/2025	11:50					
DRO & ORO, Soil - DRO		07/31/2025	13:50	Not Detected	mg/kg	100.00	EPA 8015D	
DRO & ORO, Soil - ORO		07/31/2025	13:50	Not Detected	mg/kg	100.00	EPA 8015D	
SVOC, Soils - 1-methylnaphthalene		07/30/2025	00:00	Not Detected	mg/kg	0.00313	EPA 8270	
SVOC, Soils - 2-methylnaphthalene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Acenaphthene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Anthracene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benz(a)anthracene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(a)pyrene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(b)fluoranthene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(k)fluoranthene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Chrysene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Dibenz(a,h)anthracene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Fluoranthene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Fluorene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Indeno(1,2,3-cd)pyrene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Naphthalene		07/30/2025	00:00	Not Detected	mg/kg	0.00306	EPA 8270	
SVOC, Soils - Pyrene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270	
VOC, Soils - 1,2,4-trimethylbenzene		07/30/2025	13:16	Not Detected	mg/kg	0.0016	EPA 8260d	
VOC, Soils - 1,3,5-trimethylbenzene		07/30/2025	13:16	<0.0015	mg/kg	0.0015	EPA 8260d	
VOC, Soils - Benzene		07/30/2025	13:16	Not Detected	mg/kg	0.0015	EPA 8260d	
VOC, Soils - Ethylbenzene		07/30/2025	13:16	Not Detected	mg/kg	0.0014	EPA 8260d	
VOC, Soils - Gasoline Range Organics		07/30/2025	13:16	<0.223	mg/kg	0.223	EPA 8260d	
VOC, Soils - m&p- xylene		07/30/2025	13:16	Not Detected	mg/kg	0.0029	EPA 8260d	
VOC, Soils - o-xylene		07/30/2025	13:16	Not Detected	mg/kg	0.0014	EPA 8260d	
VOC, Soils - Toluene		07/30/2025	13:16	<0.0016	mg/kg	0.0016	EPA 8260d	
VOC, Soils - Xylenes, total		07/30/2025	13:16	Not Detected	mg/kg	0.0043	EPA 8260d	
AA26908-3	MC24-3_09@2'	Collected : 07/16/2025	11:50					
Chromium VI, Soil		07/31/2025	10:30	<0.08	mg/kg	0.080	EPA 7199	
Hot Water Soluble Boron		07/29/2025	13:22	0.15	mg/kg	0.050	Boron Hot Water Extraction	
Total Metals, Soils - Arsenic		07/31/2025	06:56	10.00	4.31	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		07/31/2025	06:56	10.00	193.36	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		07/31/2025	06:56	10.00	0.14	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		07/31/2025	06:56	10.00	7.58	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		07/31/2025	06:56	10.00	8.15	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		07/31/2025	06:56	10.00	8.38	mg/kg	0.025	EPA 6020B



Division of Environmental Testing

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

Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Total Metals, Soils - Selenium		07/31/2025 06:56	10.00	2.74	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		07/31/2025 06:56	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		07/31/2025 06:56	10.00	31.71	mg/kg	0.025	EPA 6020B

AA26909-1 MC24-3_09@5' **Collected :** 07/16/2025 11:55

EC & pH soil by saturated paste - EC, soil	07/23/2025	09:15		2.61	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	07/23/2025	09:15		20.80	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	07/23/2025	09:15		7.80	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	07/24/2025	09:13	10.00	27.16	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	07/24/2025	09:13	10.00	6.26	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	07/24/2025	09:13	10.00	2.17	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	07/24/2025	09:13	10.00	0.53	No Unit		EPA 6020B

AA26909-2 MC24-3_09@5' **Collected :** 07/16/2025 11:55

DRO & ORO, Soil - DRO	07/31/2025	13:50		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	07/31/2025	13:50		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	07/30/2025	10:06		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	07/30/2025	10:06		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	07/30/2025	10:06		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	07/30/2025	10:06		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	07/30/2025	10:06		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	07/30/2025	10:06		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	07/30/2025	10:06		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	07/30/2025	10:06		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	07/30/2025	10:06		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	07/30/2025	10:06		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	07/30/2025	10:06		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	07/30/2025	10:06		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene	07/30/2025	10:06		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene	07/30/2025	10:06		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene	07/30/2025	10:06		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene	07/30/2025	13:16		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene	07/30/2025	13:16		<0.0015	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene	07/30/2025	13:16		<0.0015	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene	07/30/2025	13:16		Not Detected	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics	07/30/2025	13:16		<0.223	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene	07/30/2025	13:16		<0.0029	mg/kg	0.0029	EPA 8260d
VOC, Soils - o-xylene	07/30/2025	13:16		<0.0014	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene	07/30/2025	13:16		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total	07/30/2025	13:16		<0.0043	mg/kg	0.0043	EPA 8260d

AA26909-3 MC24-3_09@5' **Collected :** 07/16/2025 11:55

Chromium VI, Soil	07/31/2025	10:30		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	07/29/2025	13:22		0.22	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic	07/31/2025	06:56	10.00	4.47	mg/kg	0.025	EPA 6020B



Division of Environmental Testing

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

Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Total Metals, Soils - Barium		07/31/2025 06:56	10.00	182.66	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		07/31/2025 06:56	10.00	0.13	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		07/31/2025 06:56	10.00	8.15	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		07/31/2025 06:56	10.00	8.76	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		07/31/2025 06:56	10.00	9.15	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		07/31/2025 06:56	10.00	2.31	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		07/31/2025 06:56	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		07/31/2025 06:56	10.00	35.67	mg/kg	0.025	EPA 6020B

AA26910-1 MC24-3_09@10' **Collected :** 07/16/2025 12:00

EC & pH soil by saturated paste - EC, soil	07/22/2025 17:53			2.81	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	07/22/2025 17:53			21.10	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	07/22/2025 17:53			7.70	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	07/24/2025 09:26	10.00		6.58	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	07/24/2025 09:26	10.00		3.54	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	07/24/2025 09:26	10.00		16.39	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	07/24/2025 09:26	10.00		7.29	No Unit		EPA 6020B

AA26911-1 MC24-3_07@2' **Collected :** 07/16/2025 12:05

EC & pH soil by saturated paste - EC, soil	07/22/2025 17:53			4.47	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	07/22/2025 17:53			21.90	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	07/22/2025 17:53			7.79	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	07/24/2025 09:26			27.30	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	07/24/2025 09:26			8.18	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	07/24/2025 09:26			15.55	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	07/24/2025 09:26			3.69	No Unit		EPA 6020B

AA26911-2 MC24-3_07@2' **Collected :** 07/16/2025 12:05

DRO & ORO, Soil - DRO	08/06/2025 12:01			Not Detected - H1	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	08/06/2025 12:01			Not Detected - H1	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	07/31/2025 14:22			<0.00313	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene	07/31/2025 14:22			<0.010	mg/kg	0.010	EPA 8270



Division of Environmental Testing

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

Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Naphthalene		07/31/2025	14:22	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		08/07/2025	14:18	<0.0016 - H1	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		08/07/2025	14:18	<0.0015 - H1	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene		08/07/2025	14:18	Not Detected - H1	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene		08/07/2025	14:18	<0.0014 - H1	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics		08/07/2025	14:18	Not Detected - H1	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene		08/07/2025	14:18	<0.0029 - H1	mg/kg	0.0029	EPA 8260d
VOC, Soils - o-xylene		08/07/2025	14:18	<0.0014 - H1	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene		08/07/2025	14:18	<0.0016 - H1	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		08/07/2025	14:18	<0.0043 - H1	mg/kg	0.0043	EPA 8260d
AA26911-3	MC24-3_07@2'	Collected : 07/16/2025 12:05					
Chromium VI, Soil		08/01/2025	14:45	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		07/31/2025	08:13	0.19	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		08/01/2025	06:45 10.00	6.34	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		08/01/2025	06:45 10.00	283.24	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		08/01/2025	06:45 10.00	0.25	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		08/01/2025	06:45 10.00	11.22	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		08/01/2025	06:45 10.00	12.51	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		08/01/2025	06:45 10.00	18.67	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		08/01/2025	06:45 10.00	4.33	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		08/01/2025	06:45 10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		08/01/2025	06:45 10.00	48.71	mg/kg	0.025	EPA 6020B
AA26912-1	MC24-3_07@5'	Collected : 07/16/2025 12:10					
EC & pH soil by saturated paste - EC, soil		07/22/2025	17:53	3.44	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		07/22/2025	17:53	21.80	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		07/22/2025	17:53	8.00	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		07/24/2025	09:26 10.00	14.97	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025	09:26 10.00	6.05	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025	09:26 10.00	15.19	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025	09:26 10.00	4.68	No Unit		EPA 6020B
AA26912-2	MC24-3_07@5'	Collected : 07/16/2025 12:10					
DRO & ORO, Soil - DRO		07/31/2025	13:50	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		07/31/2025	13:50	Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		07/30/2025	00:00	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		07/30/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270



Division of Environmental Testing

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Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Chrysene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		07/30/2025 00:00		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		07/30/2025 13:16		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		07/30/2025 13:16		<0.0015	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene		07/30/2025 13:16		Not Detected	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene		07/30/2025 13:16		Not Detected	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics		07/30/2025 13:16		<0.223	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene		07/30/2025 13:16		<0.0029	mg/kg	0.0029	EPA 8260d
VOC, Soils - o-xylene		07/30/2025 13:16		<0.0014	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene		07/30/2025 13:16		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		07/30/2025 13:16		<0.0043	mg/kg	0.0043	EPA 8260d
AA26912-3	MC24-3_07@5'	Collected : 07/16/2025 12:10					
Chromium VI, Soil		07/31/2025 10:30		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		07/29/2025 13:22		0.49	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		07/31/2025 06:56	10.00	4.80	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		07/31/2025 06:56	10.00	199.82	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		07/31/2025 06:56	10.00	0.12	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		07/31/2025 06:56	10.00	7.88	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		07/31/2025 06:56	10.00	8.49	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		07/31/2025 06:56	10.00	8.66	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		07/31/2025 06:56	10.00	1.94	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		07/31/2025 06:56	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		07/31/2025 06:56	10.00	31.97	mg/kg	0.025	EPA 6020B
AA26913-1	MC24-3_07@10'	Collected : 07/16/2025 12:15					
EC & pH soil by saturated paste - EC, soil		07/22/2025 17:53		5.02	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		07/22/2025 17:53		22.00	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		07/22/2025 17:53		8.03	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		07/24/2025 09:26	10.00	17.74	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025 09:26	10.00	6.84	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025 09:26	10.00	28.80	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025 09:26	10.00	8.21	No Unit		EPA 6020B
AA26914-1	MC24-3_06@2'	Collected : 07/16/2025 12:20					
EC & pH soil by saturated paste - EC, soil		07/22/2025 17:53		5.41	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		07/22/2025 17:53		22.20	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		07/22/2025 17:53		7.98	SU	0.01	USDA 60/EPA 9045



Division of Environmental Testing

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Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SAR Saturated Paste - Calcium		07/24/2025 09:26	10.00	17.38	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025 09:26	10.00	8.17	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025 09:26	10.00	33.02	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025 09:26	10.00	9.24	No Unit		EPA 6020B

AA26915-1 MC24-3_06@5' **Collected :** 07/16/2025 12:25

EC & pH soil by saturated paste - EC, soil	07/22/2025 17:53			5.07	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	07/22/2025 17:53			22.00	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	07/22/2025 17:53			8.21	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	07/24/2025 09:26	10.00		5.54	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	07/24/2025 09:26	10.00		3.09	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	07/24/2025 09:26	10.00		38.10	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	07/24/2025 09:26	10.00		18.34	No Unit		EPA 6020B

AA26915-2 MC24-3_06@5' **Collected :** 07/16/2025 12:25

DRO & ORO, Soil - DRO	08/06/2025 12:01			Not Detected - H1	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	08/06/2025 12:01			Not Detected - H1	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	07/31/2025 14:22			Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	07/31/2025 14:22			<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	07/31/2025 14:22			<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene	07/31/2025 14:22			Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene	08/07/2025 14:18			<0.0016 - H1	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene	08/07/2025 14:18			<0.0015 - H1	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene	08/07/2025 14:18			<0.0015 - H1	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene	08/07/2025 14:18			<0.0014 - H1	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics	08/07/2025 14:18			<0.223 - H1	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene	08/07/2025 14:18			<0.0029 - H1	mg/kg	0.0029	EPA 8260d
VOC, Soils - o-xylene	08/07/2025 14:18			<0.0014 - H1	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene	08/07/2025 14:18			<0.0016 - H1	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total	08/07/2025 14:18			<0.0043 - H1	mg/kg	0.0043	EPA 8260d

AA26915-3 MC24-3_06@5' **Collected :** 07/16/2025 12:25

Chromium VI, Soil	08/01/2025 14:45			<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron	07/31/2025 08:13			0.76	mg/kg	0.050	Boron Hot Water Extraction



Division of Environmental Testing

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Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Total Metals, Soils - Arsenic		08/01/2025 06:45	10.00	5.61	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		08/01/2025 06:45	10.00	218.89	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		08/01/2025 06:45	10.00	0.12	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		08/01/2025 06:45	10.00	9.34	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		08/01/2025 06:45	10.00	9.66	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		08/01/2025 06:45	10.00	9.90	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		08/01/2025 06:45	10.00	3.61	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		08/01/2025 06:45	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		08/01/2025 06:45	10.00	42.34	mg/kg	0.025	EPA 6020B

AA26916-1 MC24-3_11@2' **Collected :** 07/16/2025 12:30

EC & pH soil by saturated paste - EC, soil	07/22/2025 17:53			5.06	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	07/22/2025 17:53			22.20	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	07/22/2025 17:53			7.91	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	07/24/2025 09:26	10.00		22.17	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	07/24/2025 09:26	10.00		9.93	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	07/24/2025 09:26	10.00		27.60	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	07/24/2025 09:26	10.00		6.89	No Unit		EPA 6020B

AA26916-2 MC24-3_11@2' **Collected :** 07/16/2025 12:30

DRO & ORO, Soil - DRO	08/06/2025 12:01			Not Detected - H1	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO	08/06/2025 12:01			Not Detected - H1	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene	07/31/2025 14:22			Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene	07/31/2025 14:22			Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene	07/31/2025 14:22			Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene	08/07/2025 14:18			<0.0016 - H1	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene	08/07/2025 14:18			<0.0015 - H1	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene	08/07/2025 14:18			Not Detected - H1	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene	08/07/2025 14:18			Not Detected - H1	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics	08/07/2025 14:18			Not Detected - H1	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene	08/07/2025 14:18			<0.0029 - H1	mg/kg	0.0029	EPA 8260d
VOC, Soils - o-xylene	08/07/2025 14:18			<0.0014 - H1	mg/kg	0.0014	EPA 8260d



Division of Environmental Testing

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Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - Toluene		08/07/2025 14:18		<0.0016 - H1	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		08/07/2025 14:18		<0.0043 - H1	mg/kg	0.0043	EPA 8260d
AA26916-3	MC24-3_11@2'	Collected : 07/16/2025 12:30					
Chromium VI, Soil		08/01/2025 14:45		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		07/31/2025 08:13		0.58	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		08/01/2025 06:45	10.00	5.83	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		08/01/2025 06:45	10.00	173.42	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		08/01/2025 06:45	10.00	0.16	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		08/01/2025 06:45	10.00	10.22	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		08/01/2025 06:45	10.00	10.58	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		08/01/2025 06:45	10.00	9.83	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		08/01/2025 06:45	10.00	3.92	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		08/01/2025 06:45	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		08/01/2025 06:45	10.00	47.01	mg/kg	0.025	EPA 6020B
AA26917-1	MC24-3_11@5'	Collected : 07/16/2025 12:35					
EC & pH soil by saturated paste - EC, soil		07/21/2025 09:16		5.28	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		07/21/2025 09:16		21.60	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		07/21/2025 09:16		8.12	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		07/24/2025 09:07	10.00	8.77	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025 09:07	10.00	4.41	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025 09:07	10.00	36.56	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025 09:07	10.00	14.24	No Unit		EPA 6020B
AA26917-2	MC24-3_11@5'	Collected : 07/16/2025 12:35					
DRO & ORO, Soil - DRO		08/06/2025 12:01		Not Detected - H1	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		08/06/2025 12:01		Not Detected - H1	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		07/31/2025 14:22		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		07/31/2025 14:22		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		08/07/2025 14:18		<0.0016 - H1	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		08/07/2025 14:18		<0.0015 - H1	mg/kg	0.0015	EPA 8260d



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - Benzene		08/07/2025	14:18	Not Detected - H1	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene		08/07/2025	14:18	Not Detected - H1	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics		08/07/2025	14:18	Not Detected - H1	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene		08/07/2025	14:18	<0.0029 - H1	mg/kg	0.0029	EPA 8260d
VOC, Soils - o-xylene		08/07/2025	14:18	Not Detected - H1	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene		08/07/2025	14:18	<0.0016 - H1	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		08/07/2025	14:18	<0.0043 - H1	mg/kg	0.0043	EPA 8260d
AA26917-3	MC24-3_11@5'	Collected : 07/16/2025 12:35					
Chromium VI, Soil		08/01/2025	14:45	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		07/31/2025	08:13	0.82	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		08/01/2025	06:45 10.00	5.13	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		08/01/2025	06:45 10.00	200.45	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		08/01/2025	06:45 10.00	0.14	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		08/01/2025	06:45 10.00	7.88	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		08/01/2025	06:45 10.00	8.50	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		08/01/2025	06:45 10.00	10.29	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		08/01/2025	06:45 10.00	3.21	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		08/01/2025	06:45 10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		08/01/2025	06:45 10.00	35.09	mg/kg	0.025	EPA 6020B



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-10361										
DUP	AA26665	0.19	0.050	mg/kg					5.4	-15 - 15
DUP	AA27348	0.94	0.050	mg/kg					11.1	-15 - 15
DUP	AA27538	0.28	0.050	mg/kg					13.3	-15 - 15
MB	AA27663	0.01		mg/kg						
LCS	AA27664	1.06		mg/kg	1.00		106	80 - 120		
LCS	AA27665	8.52		mg/kg	9.00		94.7	80 - 120		
BORON-10444										
DUP	AA27630	0.40	0.050	mg/kg					7.2	-15 - 15
DUP	AA27738	0.27	0.050	mg/kg					7.1	-15 - 15
MB	AA27896	0.00		mg/kg						
LCS	AA27897	1.06		mg/kg	1.00		106	80 - 120		
LCS	AA27898	8.86		mg/kg	9.00		98.4	80 - 120		
CHROM_VI_SOIL-10394										
DUP	AA26665	<0.08	0.080	mg/kg						
MB	AA27711	0.03		mg/kg						
LCS	AA27713	1.48		mg/kg	1.57		94.3	80 - 120		
LCS	AA27714	1.49		mg/kg	1.57		94.9	80 - 120		
CHROM_VI_SOIL-10441										
DUP	AA26901	<0.08	0.080	mg/kg						
MB	AA27884	0.04		mg/kg						
LCS	AA27886	1.54		mg/kg	1.62		95.1	80 - 120		
LCS	AA27887	1.53		mg/kg	1.62		94.4	80 - 120		



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FINAL RESULTS REPORT

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Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO ORO SOIL-10398										
AA26900										
Dup	DRO	297.66				Not Detected			10.9	- 30
Dup	ORO	367.26				Not Detected			2.18	- 50
Matrix Spike	DRO	332.12		mg/kg	350	Not Detected	94.9	70 - 130		
Matrix Spike	ORO	375.37		mg/kg	350	Not Detected	107	50 - 150		
AA27749										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA27750										
LCS	DRO	299.03		mg/kg			85.4	70 - 130		
LCS	ORO	377.14		mg/kg			108	50 - 150		
AA27751										
LCS	DRO	399.53		mg/kg			114	70 - 130		
LCS	ORO	416.73		mg/kg			119	50 - 150		
DRO ORO SOIL-10496										
AA27507										
Dup	DRO	358.66				Not Detected			5.94	- 30
Dup	ORO	383.67				<100.00			2.05	- 50
Matrix Spike	DRO	380.63		mg/kg	350	Not Detected	109	70 - 130		
Matrix Spike	ORO	375.89		mg/kg	350	<100.00	107	50 - 150		
AA28075										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA28076										
LCS	DRO	321.57		mg/kg			91.9	70 - 130		
LCS	ORO	367.39		mg/kg			105	50 - 150		
AA28077										
LCS	DRO	377.48		mg/kg			108	70 - 130		
LCS	ORO	427.72		mg/kg			122	50 - 150		
EC PH-10139										
AA26830										
Dup	EC, soil	0.31	0.0005	mmhos/cm		0.32			3.17	- 5
Dup	pH soil Temperature	21.20		°C		21.30				
Dup	pH, soil	8.09	0.01	SU		8.02			0.869	- 5
AA26972										
LCS	EC, soil	9.48	0.0005	mmhos/cm			94.8	85 - 115		
LCS	pH, soil	6.89	0.01	SU			100	85 - 115		
AA26973										
LCS	EC, soil	9.66	0.0005	mmhos/cm			96.6	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		
EC PH-10182										
AA26900										
Dup	EC, soil	0.54	0.0005	mmhos/cm		0.55			1.83	- 5
Dup	pH soil Temperature	21.3		°C		21.10				



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	pH, soil	8.15	0.01	SU		8.16			0.123	- 5

AA27045

LCS	EC, soil	9.59	0.0005	mmhos/cm			95.9	85 - 115		
LCS	pH, soil	6.85	0.01	SU			99.9	85 - 115		

AA27046

LCS	EC, soil	9.59	0.0005	mmhos/cm			95.9	85 - 115		
LCS	pH, soil	6.87	0.01	SU			100	85 - 115		

EC PH-10187

AA26911

Dup	EC, soil	4.47	0.0005	mmhos/cm		4.47			<%MDL%	- 5
Dup	pH soil Temperature	21.80		°C		21.90				
Dup	pH, soil	7.83	0.01	SU		7.79			0.512	- 5

AA27085

LCS	EC, soil	9.70	0.0005	mmhos/cm			97.0	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		

AA27086

LCS	EC, soil	10.48	0.0005	mmhos/cm			105	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		

METALS S-10397

AA27508

Dup	Arsenic	6.38	0.025	mg/kg		6.39			0.157	0 - 15
Dup	Barium	130.16	0.025	mg/kg		128.93			0.949	0 - 15
Dup	Cadmium	0.53	0.001	mg/kg		0.52			1.90	0 - 15
Dup	Copper	22.75	0.025	mg/kg		22.56			0.839	0 - 15
Dup	Lead	51.54	0.025	mg/kg		55.24			6.93	0 - 15
Dup	Nickel	16.07	0.025	mg/kg		16.14			0.435	0 - 15
Dup	Selenium	2.80	0.025	mg/kg		3.10			10.2	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	117.13	0.025	mg/kg		117.60			0.400	0 - 15
Matrix Spike	Arsenic	26.89		mg/kg	20	6.39	102	80 - 120		
Matrix Spike	Barium	147.75		mg/kg	20	128.93	94.1	80 - 120		
Matrix Spike	Cadmium	20.53		mg/kg	20	0.52	100	80 - 120		
Matrix Spike	Copper	43.62		mg/kg	20	22.56	105	80 - 120		
Matrix Spike	Lead	75.92		mg/kg	20	55.24	103	80 - 120		
Matrix Spike	Nickel	36.15		mg/kg	20	16.14	100	80 - 120		
Matrix Spike	Selenium	24.44		mg/kg	20	3.10	107	80 - 120		
Matrix Spike	Silver	19.16		mg/kg	20	<0.25	95.8	80 - 120		
Matrix Spike	Zinc	138.67		mg/kg	20	117.60	105	80 - 120		

AA27539

Dup	Arsenic	4.47	0.025	mg/kg		4.63			3.52	0 - 15
Dup	Barium	64.22	0.025	mg/kg		66.80			3.94	0 - 15
Dup	Cadmium	0.30	0.001	mg/kg		0.31			3.28	0 - 15
Dup	Copper	9.45	0.025	mg/kg		10.12			6.85	0 - 15
Dup	Lead	12.83	0.025	mg/kg		12.85			0.156	0 - 15
Dup	Nickel	10.25	0.025	mg/kg		10.71			4.39	0 - 15
Dup	Selenium	2.43	0.025	mg/kg		2.76			12.7	0 - 15



Division of Environmental Testing

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Report Date : 8/13/2025

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	46.75	0.025	mg/kg		49.85			6.42	0 - 15
Matrix Spike	Arsenic	23.16		mg/kg	20	4.63	92.6	80 - 120		
Matrix Spike	Barium	89.62		mg/kg	20	66.80	114	80 - 120		
Matrix Spike	Cadmium	18.06		mg/kg	20	0.31	88.8	80 - 120		
Matrix Spike	Copper	27.32		mg/kg	20	10.12	86.0	80 - 120		
Matrix Spike	Lead	32.05		mg/kg	20	12.85	96.0	80 - 120		
Matrix Spike	Nickel	27.50		mg/kg	20	10.71	84.0	80 - 120		
Matrix Spike	Selenium	21.30		mg/kg	20	2.76	92.7	80 - 120		
Matrix Spike	Silver	17.42		mg/kg	20	<0.25	87.1	80 - 120		
Matrix Spike	Zinc	66.86		mg/kg	20	49.85	85.0	80 - 120		

AA27622

Dup	Arsenic	2.71	0.025	mg/kg		2.43			10.9	0 - 15
Matrix Spike	Arsenic	20.82		mg/kg	20	2.43	92.0	80 - 120		

AA27745

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						

AA27747

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.11		mg/kg			110	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

AA27748

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

METALS_S-10450

AA27623



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Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Arsenic	5.88	0.025	mg/kg		6.16			4.65	0 - 15
Matrix Spike	Arsenic	25.69		mg/kg	20	6.16	97.6	80 - 120		

AA27722

Dup	Arsenic	16.60	0.025	mg/kg		16.01			3.62	0 - 15
Matrix Spike	Arsenic	36.40		mg/kg	20	16.01	102	80 - 120		

AA27914

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						

AA27916

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

AA27917

LCS	Arsenic	0.09		mg/kg			90.0	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.10		mg/kg			100	80 - 120		
LCS	Copper	0.09		mg/kg			90.0	80 - 120		
LCS	Lead	0.10		mg/kg			100	80 - 120		
LCS	Nickel	0.09		mg/kg			90.0	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.09		mg/kg			90.0	80 - 120		

SAR-10171

AA26830

Dup	Calcium	2.12		mEq/L	11.6	2.38			11.6	- 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	0.12		mEq/L	8.00	0.13			8.00	- 20

AA27016

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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Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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AA27017

LCS	Calcium	9.04		ppm			90.4	80 - 120		
LCS	Magnesium	9.16		ppm			91.6	80 - 120		
LCS	Sodium	8.96		ppm			89.6	80 - 120		
LCS	Sodium Adsorption Ratio	0.50		ppm			92.6	80 - 120		

AA27018

LCS	Calcium	404.57		ppm			80.9	80 - 120		
LCS	Magnesium	425.38		ppm			85.1	80 - 120		
LCS	Sodium	426.63		ppm			85.3	80 - 120		
LCS	Sodium Adsorption Ratio	3.53		ppm			93.4	80 - 120		

SAR-10183

AA26900

Dup	Calcium	2.68		mEq/L	2.68	2.59			3.42	- 20
Dup	Magnesium	1.16		mEq/L	1.16	1.12			3.51	- 20
Dup	Sodium	1.62		mEq/L	1.62	1.60			1.24	- 20
Dup	Sodium Adsorption Ratio	1.17		mEq/L	1.17	1.17			<%MDL%	- 20

AA27047

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

AA27048

LCS	Calcium	9.04		ppm			90.4	80 - 120		
LCS	Magnesium	9.16		ppm			91.6	80 - 120		
LCS	Sodium	8.96		ppm			89.6	80 - 120		
LCS	Sodium Adsorption Ratio	0.50		ppm			92.6	80 - 120		

AA27049

LCS	Calcium	404.57		ppm			80.9	80 - 120		
LCS	Magnesium	425.38		ppm			85.1	80 - 120		
LCS	Sodium	426.63		ppm			85.3	80 - 120		
LCS	Sodium Adsorption Ratio	3.53		ppm			93.4	80 - 120		

SAR-10213

AA26911

Dup	Calcium	27.91		mEq/L	2.21	27.30			2.21	- 20
Dup	Magnesium	8.38		mEq/L	2.42	8.18			2.42	- 20
Dup	Sodium	15.94		mEq/L	2.48	15.55			2.48	- 20
Dup	Sodium Adsorption Ratio	3.74		mEq/L	1.35	3.69			1.35	- 20

AA26923

Dup	Calcium	1.74		mEq/L	1.74	1.61			7.76	- 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	0.19		mEq/L	0.19	0.19			<%MDL%	- 20

AA27125

MB	Calcium	0.00		mEq/L						
MB	Magnesium	0.00		mEq/L						



Division of Environmental Testing

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

Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Sodium	0.00		mEq/L						
MB	Sodium Adsorption Ratio	0.00								

AA27126

LCS	Calcium	9.04		ppm			90.4	80 - 120		
LCS	Magnesium	9.16		ppm			91.6	80 - 120		
LCS	Sodium	8.96		ppm			89.6	80 - 120		
LCS	Sodium Adsorption Ratio	0.50		ppm			92.6	80 - 120		

AA27127

LCS	Calcium	404.57		ppm			80.9	80 - 120		
LCS	Magnesium	425.38		ppm			85.1	80 - 120		
LCS	Sodium	426.63		ppm			85.3	80 - 120		
LCS	Sodium Adsorption Ratio	3.53		ppm			93.4	80 - 120		

SVOC SOIL-10418

AA26909

Dup	1-methylnaphthalene	0.291	0.00313	mg/kg		Not Detected			10.5	-30
Dup	2-methylnaphthalene	0.302	0.010	mg/kg		Not Detected			8.28	-30
Dup	Acenaphthene	0.342	0.010	mg/kg		Not Detected			6.02	-30
Dup	Anthracene	0.365	0.010	mg/kg		Not Detected			<0.010	-30
Dup	Benz(a)anthracene	0.272	0.010	mg/kg		Not Detected			0.367	-30
Dup	Benzo(a)pyrene	0.278	0.010	mg/kg		Not Detected			5.55	-30
Dup	Benzo(b)fluoranthene	0.256	0.010	mg/kg		Not Detected			4.80	-30
Dup	Benzo(k)fluoranthene	0.262	0.010	mg/kg		Not Detected			5.49	-30
Dup	Chrysene	0.267	0.010	mg/kg		Not Detected			3.04	-30
Dup	Dibenz(a,h)anthracene	0.356	0.010	mg/kg		Not Detected			4.60	-30
Dup	Fluoranthene	0.299	0.010	mg/kg		Not Detected			0.671	-30
Dup	Fluorene	0.321	0.010	mg/kg		Not Detected			3.67	-30
Dup	Indeno(1,2,3-cd)pyrene	0.378	0.010	mg/kg		Not Detected			1.05	-30
Dup	Naphthalene	0.322	0.00306	mg/kg		Not Detected			9.09	-30
Dup	Pyrene	0.309	0.010	mg/kg		Not Detected			1.63	-30
Matrix Spike	1-methylnaphthalene	0.262	0.00313	mg/kg	0.300	Not Detected	87.3	70 - 130		
Matrix Spike	2-methylnaphthalene	0.278	0.010	mg/kg	0.300	Not Detected	92.7	70 - 130		
Matrix Spike	Acenaphthene	0.322	0.010	mg/kg	0.300	Not Detected	107	70 - 130		
Matrix Spike	Anthracene	0.365	0.010	mg/kg	0.300	Not Detected	122	70 - 130		
Matrix Spike	Benz(a)anthracene	0.273	0.010	mg/kg	0.300	Not Detected	91.0	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.263	0.010	mg/kg	0.300	Not Detected	87.7	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.244	0.010	mg/kg	0.300	Not Detected	81.3	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.248	0.010	mg/kg	0.300	Not Detected	82.7	70 - 130		
Matrix Spike	Chrysene	0.259	0.010	mg/kg	0.300	Not Detected	86.3	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.340	0.010	mg/kg	0.300	Not Detected	113	70 - 130		
Matrix Spike	Fluoranthene	0.297	0.010	mg/kg	0.300	Not Detected	99.0	70 - 130		
Matrix Spike	Fluorene	0.333	0.010	mg/kg	0.300	Not Detected	111	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.382	0.010	mg/kg	0.300	Not Detected	127	70 - 130		
Matrix Spike	Naphthalene	0.294	0.00306	mg/kg	0.300	Not Detected	98.0	70 - 130		
Matrix Spike	Pyrene	0.304	0.010	mg/kg	0.300	Not Detected	101	70 - 130		

AA27836

MB	1-methylnaphthalene	Not Detected	0.00313	mg/kg						
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Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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	0.00306	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

AA27837

LCS	1-methylnaphthalene	0.291	0.00313	mg/kg			97.0	70 - 130		
LCS	2-methylnaphthalene	0.312	0.010	mg/kg			104	70 - 130		
LCS	Acenaphthene	0.346	0.010	mg/kg			115	70 - 130		
LCS	Anthracene	0.389	0.010	mg/kg			130	70 - 130		
LCS	Benz(a)anthracene	0.263	0.010	mg/kg			87.7	70 - 130		
LCS	Benzo(a)pyrene	0.258	0.010	mg/kg			86.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.254	0.010	mg/kg			84.7	70 - 130		
LCS	Benzo(k)fluoranthene	0.255	0.010	mg/kg			85.0	70 - 130		
LCS	Chrysene	0.250	0.010	mg/kg			83.3	70 - 130		
LCS	Dibenz(a,h)anthracene	0.388	0.010	mg/kg			129	70 - 130		
LCS	Fluoranthene	0.305	0.010	mg/kg			102	70 - 130		
LCS	Fluorene	0.358	0.010	mg/kg			119	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.386	0.010	mg/kg			129	70 - 130		
LCS	Naphthalene	0.305	0.00306	mg/kg			102	70 - 130		
LCS	Pyrene	0.306	0.010	mg/kg			102	70 - 130		

AA27838

LCS	1-methylnaphthalene	0.279	0.00313	mg/kg			93.0	70 - 130		
LCS	2-methylnaphthalene	0.280	0.010	mg/kg			93.3	70 - 130		
LCS	Acenaphthene	0.309	0.010	mg/kg			103	70 - 130		
LCS	Anthracene	0.375	0.010	mg/kg			125	70 - 130		
LCS	Benz(a)anthracene	0.286	0.010	mg/kg			95.3	70 - 130		
LCS	Benzo(a)pyrene	0.264	0.010	mg/kg			88.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.253	0.010	mg/kg			84.3	70 - 130		
LCS	Benzo(k)fluoranthene	0.250	0.010	mg/kg			83.3	70 - 130		
LCS	Chrysene	0.263	0.010	mg/kg			87.7	70 - 130		
LCS	Dibenz(a,h)anthracene	0.339	0.010	mg/kg			113	70 - 130		
LCS	Fluoranthene	0.334	0.010	mg/kg			111	70 - 130		
LCS	Fluorene	0.317	0.010	mg/kg			106	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.339	0.010	mg/kg			113	70 - 130		
LCS	Naphthalene	0.293	0.00306	mg/kg			97.7	70 - 130		
LCS	Pyrene	0.334	0.010	mg/kg			111	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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SVOC_SOIL-10431

AA26901

Dup	1-methylnaphthalene	0.307	0.00313	mg/kg		Not Detected			6.92	-30
Dup	2-methylnaphthalene	0.317	0.010	mg/kg		Not Detected			6.12	-30
Dup	Acenaphthene	0.345	0.010	mg/kg		Not Detected			0.578	-30
Dup	Anthracene	0.366	0.010	mg/kg		Not Detected			2.16	-30
Dup	Benz(a)anthracene	0.279	0.010	mg/kg		Not Detected			3.28	-30
Dup	Benzo(a)pyrene	0.254	0.010	mg/kg		Not Detected			4.43	-30
Dup	Benzo(b)fluoranthene	0.230	0.010	mg/kg		Not Detected			<0.010	-30
Dup	Benzo(k)fluoranthene	0.236	0.010	mg/kg		Not Detected			6.56	-30
Dup	Chrysene	0.261	0.010	mg/kg		Not Detected			1.54	-30
Dup	Dibenz(a,h)anthracene	0.313	0.010	mg/kg		Not Detected			5.89	-30
Dup	Fluoranthene	0.301	0.010	mg/kg		Not Detected			4.23	-30
Dup	Fluorene	0.354	0.010	mg/kg		Not Detected			4.03	-30
Dup	Indeno(1,2,3-cd)pyrene	0.348	0.010	mg/kg		Not Detected			5.59	-30
Dup	Naphthalene	0.352	0.00306	mg/kg		Not Detected			2.30	-30
Dup	Pyrene	0.300	0.010	mg/kg		Not Detected			4.88	-30

Matrix Spike	1-methylnaphthalene	0.329	0.00313	mg/kg	0.300	Not Detected	110	70 - 130		
Matrix Spike	2-methylnaphthalene	0.337	0.010	mg/kg	0.300	Not Detected	112	70 - 130		
Matrix Spike	Acenaphthene	0.347	0.010	mg/kg	0.300	Not Detected	116	70 - 130		
Matrix Spike	Anthracene	0.374	0.010	mg/kg	0.300	Not Detected	125	70 - 130		
Matrix Spike	Benz(a)anthracene	0.270	0.010	mg/kg	0.300	Not Detected	90.0	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.243	0.010	mg/kg	0.300	Not Detected	81.0	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.230	0.010	mg/kg	0.300	Not Detected	76.7	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.221	0.010	mg/kg	0.300	Not Detected	73.7	70 - 130		
Matrix Spike	Chrysene	0.257	0.010	mg/kg	0.300	Not Detected	85.7	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.332	0.010	mg/kg	0.300	Not Detected	111	70 - 130		
Matrix Spike	Fluoranthene	0.314	0.010	mg/kg	0.300	Not Detected	105	70 - 130		
Matrix Spike	Fluorene	0.340	0.010	mg/kg	0.300	Not Detected	113	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.368	0.010	mg/kg	0.300	Not Detected	123	70 - 130		
Matrix Spike	Naphthalene	0.344	0.00306	mg/kg	0.300	Not Detected	115	70 - 130		
Matrix Spike	Pyrene	0.315	0.010	mg/kg	0.300	Not Detected	105	70 - 130		

AA27851

MB	1-methylnaphthalene	Not Detected	0.00313	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						



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Naphthalene	Not Detected	0.00306	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

AA27852

LCS	1-methylnaphthalene	0.337	0.00313	mg/kg			112	70 - 130		
LCS	2-methylnaphthalene	0.347	0.010	mg/kg			116	70 - 130		
LCS	Acenaphthene	0.349	0.010	mg/kg			116	70 - 130		
LCS	Anthracene	0.388	0.010	mg/kg			129	70 - 130		
LCS	Benz(a)anthracene	0.274	0.010	mg/kg			91.3	70 - 130		
LCS	Benzo(a)pyrene	0.259	0.010	mg/kg			86.3	70 - 130		
LCS	Benzo(b)fluoranthene	0.239	0.010	mg/kg			79.7	70 - 130		
LCS	Benzo(k)fluoranthene	0.238	0.010	mg/kg			79.3	70 - 130		
LCS	Chrysene	0.264	0.010	mg/kg			88.0	70 - 130		
LCS	Dibenz(a,h)anthracene	0.338	0.010	mg/kg			113	70 - 130		
LCS	Fluoranthene	0.323	0.010	mg/kg			108	70 - 130		
LCS	Fluorene	0.356	0.010	mg/kg			119	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.386	0.010	mg/kg			129	70 - 130		
LCS	Naphthalene	0.355	0.00306	mg/kg			118	70 - 130		
LCS	Pyrene	0.324	0.010	mg/kg			108	70 - 130		

AA27853

LCS	1-methylnaphthalene	0.326	0.00313	mg/kg			109	70 - 130		
LCS	2-methylnaphthalene	0.326	0.010	mg/kg			109	70 - 130		
LCS	Acenaphthene	0.342	0.010	mg/kg			114	70 - 130		
LCS	Anthracene	0.353	0.010	mg/kg			118	70 - 130		
LCS	Benz(a)anthracene	0.258	0.010	mg/kg			86.0	70 - 130		
LCS	Benzo(a)pyrene	0.234	0.010	mg/kg			78.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.224	0.010	mg/kg			74.7	70 - 130		
LCS	Benzo(k)fluoranthene	0.230	0.010	mg/kg			76.7	70 - 130		
LCS	Chrysene	0.236	0.010	mg/kg			78.7	70 - 130		
LCS	Dibenz(a,h)anthracene	0.310	0.010	mg/kg			103	70 - 130		
LCS	Fluoranthene	0.300	0.010	mg/kg			100	70 - 130		
LCS	Fluorene	0.337	0.010	mg/kg			112	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.345	0.010	mg/kg			115	70 - 130		
LCS	Naphthalene	0.335	0.00306	mg/kg			112	70 - 130		
LCS	Pyrene	0.303	0.010	mg/kg			101	70 - 130		

VOC S-10396

AA27472

Dup	1,2,4-trimethylbenzene	0.003	0.0016	mg/kg		<0.0016			40.0	- 30
Dup	1,3,5-trimethylbenzene	0.004	0.0015	mg/kg		<0.0015			28.6	- 30
Dup	Ethylbenzene	0.009	0.0014	mg/kg		Not Detected			25.0	- 30
Dup	Gasoline Range Organics	0.619	0.223	mg/kg		<0.223			16.8	
Dup	m&p- xylene	0.017	0.0029	mg/kg					26.7	- 30
Dup	o-xylene	0.07	0.0014	mg/kg					173	- 30
Dup	Xylenes, total	0.024	0.0043	mg/kg		<0.0043			28.6	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.002		mg/kg	0.050	<0.0016	4.00	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.003		mg/kg	0.050	<0.0015	6.00	70 - 130		
Matrix Spike	Ethylbenzene	0.007		mg/kg	0.050	Not Detected	14.0	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Gasoline Range Organics	0.523		mg/kg	2.54	<0.223	20.6			
Matrix Spike	m&p- xylene	0.013		mg/kg						
Matrix Spike	o-xylene	0.005		mg/kg						
Matrix Spike	Xylenes, total	0.018		mg/kg	0.150	<0.0043	12.0	70 - 130		

AA27734

MB	1,2,4-trimethylbenzene	<0.0016		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	0.223		mg/kg						
MB	m&p- xylene	<0.0029		mg/kg						
MB	o-xylene	<0.0014		mg/kg						
MB	Toluene	<0.0016		mg/kg						
MB	Xylenes, total	<0.0043		mg/kg						

AA27735

LCS	1,2,4-trimethylbenzene	0.043		mg/kg			86.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.047		mg/kg			94.0	70 - 130		
LCS	Benzene	0.056		mg/kg			112	70 - 130		
LCS	Ethylbenzene	0.044		mg/kg			88.0	70 - 130		
LCS	Gasoline Range Organics	0.37		mg/kg			93.3			
LCS	m&p- xylene	0.091		mg/kg			91.0	70 - 130		
LCS	o-xylene	0.041		mg/kg			82.0	70 - 130		
LCS	Toluene	0.045		mg/kg			90.0	70 - 130		
LCS	Xylenes, total	0.132		mg/kg			88.0	70 - 130		

AA27736

LCS	1,2,4-trimethylbenzene	0.041		mg/kg			82.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.044		mg/kg			88.0	70 - 130		
LCS	Benzene	0.052		mg/kg			104	70 - 130		
LCS	Ethylbenzene	0.042		mg/kg			84.0	70 - 130		
LCS	Gasoline Range Organics	0.96		mg/kg			77.2			
LCS	m&p- xylene	0.087		mg/kg			87.0	70 - 130		
LCS	o-xylene	0.041		mg/kg			82.0	70 - 130		
LCS	Toluene	0.044		mg/kg			88.0	70 - 130		
LCS	Xylenes, total	0.128		mg/kg			85.3	70 - 130		

VOC_S-10487

AA26938

Dup	1,2,4-trimethylbenzene	0.042	0.0016	mg/kg		<0.0016		<0.0016		- 30
Dup	1,3,5-trimethylbenzene	0.040	0.0015	mg/kg		<0.0015		2.47		- 30
Dup	Benzene	0.060	0.0015	mg/kg		<0.0015		3.39		- 30
Dup	Ethylbenzene	0.048	0.0014	mg/kg		<0.0014		2.11		- 30
Dup	Gasoline Range Organics	0.15	0.223	mg/kg		Not Detected		<0.223		
Dup	m&p- xylene	0.089	0.0029	mg/kg		<0.0029		1.13		- 30
Dup	o-xylene	0.048	0.0014	mg/kg		<0.0014		2.11		- 30
Dup	Toluene	0.047	0.0016	mg/kg		<0.0016		2.15		- 30
Dup	Xylenes, total	0.137	0.0043	mg/kg		<0.0043		1.47		- 30
Matrix Spike	1,2,4-trimethylbenzene	0.042		mg/kg	0.050	<0.0016	84.0	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	1,3,5-trimethylbenzene	0.041		mg/kg	0.050	<0.0015	82.0	70 - 130		
Matrix Spike	Benzene	0.058		mg/kg	0.050	<0.0015	116	70 - 130		
Matrix Spike	Ethylbenzene	0.047		mg/kg	0.050	<0.0014	94.0	70 - 130		
Matrix Spike	Gasoline Range Organics	2.15		mg/kg	2.54	Not Detected	84.6			
Matrix Spike	m&p- xylene	0.088		mg/kg	0.100	<0.0029	88.0	70 - 130		
Matrix Spike	o-xylene	0.047		mg/kg	0.050	<0.0014	94.0	70 - 130		
Matrix Spike	Toluene	0.046		mg/kg	0.050	<0.0016	92.0	70 - 130		
Matrix Spike	Xylenes, total	0.135		mg/kg	0.150	<0.0043	90.0	70 - 130		

AA28055

MB	1,2,4-trimethylbenzene	<0.0016		mg/kg						
MB	1,3,5-trimethylbenzene	<0.0015		mg/kg						
MB	Benzene	Not Detected		mg/kg						
MB	Ethylbenzene	Not Detected		mg/kg						
MB	Gasoline Range Organics	Not Detected		mg/kg						
MB	m&p- xylene	<0.0029		mg/kg						
MB	Naphthalene	Not Detected		mg/kg						
MB	o-xylene	<0.0014		mg/kg						
MB	Toluene	<0.0016		mg/kg						
MB	Xylenes, total	<0.0043		mg/kg						

AA28056

LCS	1,2,4-trimethylbenzene	0.048		mg/kg			96.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.045		mg/kg			90.0	70 - 130		
LCS	Benzene	0.064		mg/kg			128	70 - 130		
LCS	Ethylbenzene	0.051		mg/kg			102	70 - 130		
LCS	Gasoline Range Organics	2.34		mg/kg			92.1			
LCS	m&p- xylene	0.096		mg/kg			96.0	70 - 130		
LCS	Naphthalene	0.046		mg/kg			92.0	70 - 130		
LCS	o-xylene	0.052		mg/kg			104	70 - 130		
LCS	Toluene	0.052		mg/kg			104	70 - 130		
LCS	Xylenes, total	0.148		mg/kg			98.7	70 - 130		

AA28057

LCS	1,2,4-trimethylbenzene	0.052		mg/kg			104	70 - 130		
LCS	1,3,5-trimethylbenzene	0.050		mg/kg			100	70 - 130		
LCS	Benzene	0.064		mg/kg			128	70 - 130		
LCS	Ethylbenzene	0.057		mg/kg			114	70 - 130		
LCS	Gasoline Range Organics	2.57		mg/kg			101			
LCS	m&p- xylene	0.107		mg/kg			107	70 - 130		
LCS	Naphthalene	0.062		mg/kg			124	70 - 130		
LCS	o-xylene	0.059		mg/kg			118	70 - 130		
LCS	Toluene	0.056		mg/kg			112	70 - 130		
LCS	Xylenes, total	0.166		mg/kg			111	70 - 130		



Division of Environmental Testing

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

Report Date : 8/13/2025

Report Time : 12:25

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

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

Qualifier	Explanation
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.
EST	The concentration indicated has been estimated due to high analyte content.
E	Electronic loss or corruption of data.
I	Subcontracted sample



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

August 13, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason
Project Name : Citation McCormick (24-3) #6
Project Number : CIT.CO.1054

Attached are the analytical results for Citation McCormick (24-3) #6 CIT.CO.1054 received by Elevation Diagnostics, Division of Environmental Testing on July 17, 2025. This is associated with Elevation's number AA26932 .

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

Client: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, WY 82834
 Phone: 307-262-8975, 970-381-7363
 Project Contact: Joel.Mason@absarokasolutions.com

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

Project Name/Number: CIT.CO.1054
 Project Location: Citation McCormick (24-3) #6
 Collector Name: Cecilia Kayser and Todd Mayo

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested			Interim report requested		
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full	915	Suite	<input type="checkbox"/> Yes <input type="checkbox"/> No	Notes	
1	MC24-3_17@2'	7/16/25	10:50	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
2	MC24-3_17@5'	7/16/25	10:55	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
3	MC24-3_4@2'	7/16/25	11:00	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
4	MC24-3_4@5'	7/16/25	11:05	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
5	MC24-3_08@2'	7/16/25	11:10	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
6	MC24-3_08@5'	7/16/25	11:15	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
7	MC24-3_13@2'	7/16/25	11:20	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
8	MC24-3_13@5'	7/16/25	11:25	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
9	MC24-3_10@2'	7/16/25	11:30	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
10	MC24-3_10@5'	7/16/25	11:35	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					

Relinquished By: <u>Cecilia Kayser</u>	Relinquished By:	Relinquished By:	Scan to Deliver Samples 
Date/Time: <u>7/17/25</u>	Date/Time:	Date/Time:	
Lab Use Only	Observed Temperature Upon Receipt: <u>4.4 °C</u>	Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No	2025-07-17-024 Lot/EQM Number: N/A Name/Lot Number of Adjustment: <u>N/A</u>
	Corrected Temperature Upon Receipt: <u>3.8 °C</u>	pH Checked: <input checked="" type="radio"/> Yes <input type="radio"/> No	
	Thermometer #: <u>EDX EQ 350</u>	pH Adjusted: <input checked="" type="radio"/> Yes <input type="radio"/> No	
	Correction Factor: <u>-0.6 °C</u>	PFAS rec'd on ice: <input checked="" type="radio"/> Yes <input type="radio"/> No	

EFOR-008.005



Division of Environmental Testing

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

Report Date : 8/13/2025

Report Time : 12:28

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.	
Analyte Name		Analysis Start					Recovery	
AA26932-1	MC24-3_17@2'	Collected : 07/16/2025	10:50					
EC & pH soil by saturated paste - EC, soil		07/23/2025	11:05	5.66	mmhos/cm	0.0005	USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH soil Temperature		07/23/2025	11:05	24.20	°C		USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH, soil		07/23/2025	11:05	7.87	SU	0.01	USDA 60/EPA 9045	
SAR Saturated Paste - Calcium		07/24/2025	10:38	10.00	23.46	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025	10:38	10.00	9.46	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025	10:38	10.00	31.46	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025	10:38	10.00	7.75	No Unit	EPA 6020B	
AA26933-1	MC24-3_17@5'	Collected : 07/16/2025	10:55					
EC & pH soil by saturated paste - EC, soil		07/23/2025	11:05	6.36	mmhos/cm	0.0005	USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH soil Temperature		07/23/2025	11:05	24.20	°C		USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH, soil		07/23/2025	11:05	8.26	SU	0.01	USDA 60/EPA 9045	
SAR Saturated Paste - Calcium		07/24/2025	10:38	10.00	8.76	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025	10:38	10.00	5.51	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025	10:38	10.00	62.17	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025	10:38	10.00	23.27	No Unit	EPA 6020B	
AA26934-1	MC24-3_4@2'	Collected : 07/16/2025	11:00					
EC & pH soil by saturated paste - EC, soil		07/23/2025	11:05	4.74	mmhos/cm	0.0005	USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH soil Temperature		07/23/2025	11:05	24.20	°C		USDA 60/EPA 9045	
EC & pH soil by saturated paste - pH, soil		07/23/2025	11:05	7.81	SU	0.01	USDA 60/EPA 9045	
SAR Saturated Paste - Calcium		07/24/2025	10:38	10.00	24.02	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025	10:38	10.00	5.85	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025	10:38	10.00	18.49	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025	10:38	10.00	4.78	No Unit	EPA 6020B	
AA26934-2	MC24-3_4@2'	Collected : 07/16/2025	11:00					
DRO & ORO, Soil - DRO		08/06/2025	12:01	Not Detected - H1	mg/kg	100.00	EPA 8015D	
DRO & ORO, Soil - ORO		08/06/2025	12:01	Not Detected - H1	mg/kg	100.00	EPA 8015D	
SVOC, Soils - 1-methylnaphthalene		07/31/2025	14:22	Not Detected	mg/kg	0.00313	EPA 8270	
SVOC, Soils - 2-methylnaphthalene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Acenaphthene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Anthracene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benz(a)anthracene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(a)pyrene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(b)fluoranthene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(k)fluoranthene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Chrysene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Dibenz(a,h)anthracene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Fluoranthene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Fluorene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Indeno(1,2,3-cd)pyrene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Naphthalene		07/31/2025	14:22	Not Detected	mg/kg	0.00306	EPA 8270	



Division of Environmental Testing

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

Report Date : 8/13/2025

Report Time : 12:28

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Pyrene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		08/07/2025 14:18		<0.0016 - H1	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		08/07/2025 14:18		<0.0015 - H1	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene		08/07/2025 14:18		Not Detected - H1	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene		08/07/2025 14:18		<0.0014 - H1	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics		08/07/2025 14:18		Not Detected - H1	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene		08/07/2025 14:18		<0.0029 - H1	mg/kg	0.0029	EPA 8260d
VOC, Soils - o-xylene		08/07/2025 14:18		Not Detected - H1	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene		08/07/2025 14:18		<0.0016 - H1	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		08/07/2025 14:18		<0.0043 - H1	mg/kg	0.0043	EPA 8260d
AA26934-3	MC24-3_4@2'	Collected : 07/16/2025 11:00					
Chromium VI, Soil		08/01/2025 14:45		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		07/31/2025 08:13		0.39	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		08/01/2025 06:45	10.00	4.90	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		08/01/2025 06:45	10.00	225.70	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		08/01/2025 06:45	10.00	0.13	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		08/01/2025 06:45	10.00	7.53	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		08/01/2025 06:45	10.00	8.66	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		08/01/2025 06:45	10.00	8.17	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		08/01/2025 06:45	10.00	3.12	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		08/01/2025 06:45	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		08/01/2025 06:45	10.00	35.16	mg/kg	0.025	EPA 6020B
AA26935-1	MC24-3_4@5'	Collected : 07/16/2025 11:05					
EC & pH soil by saturated paste - EC, soil		07/23/2025 11:05		9.54	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		07/23/2025 11:05		23.50	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		07/23/2025 11:05		8.25	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		07/24/2025 10:38	10.00	12.70	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025 10:38	10.00	7.89	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025 10:38	10.00	86.65	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025 10:38	10.00	27.00	No Unit		EPA 6020B
AA26936-1	MC24-3_08@2'	Collected : 07/16/2025 11:10					
EC & pH soil by saturated paste - EC, soil		07/23/2025 11:05		4.55	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		07/23/2025 11:05		23.30	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		07/23/2025 11:05		7.95	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		07/24/2025 10:38	10.00	24.78	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025 10:38	10.00	11.40	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025 10:38	10.00	21.37	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025 10:38	10.00	5.02	No Unit		EPA 6020B
AA26936-2	MC24-3_08@2'	Collected : 07/16/2025 11:10					
DRO & ORO, Soil - DRO		08/06/2025 12:01		Not Detected - H1	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		08/06/2025 12:01		Not Detected - H1	mg/kg	100.00	EPA 8015D



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:28

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.	
Analyte Name		Analysis Start					Recovery	
SVOC, Soils - 1-methylnaphthalene		07/31/2025	14:22	Not Detected	mg/kg	0.00313	EPA 8270	
SVOC, Soils - 2-methylnaphthalene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Acenaphthene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Anthracene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benz(a)anthracene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(a)pyrene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(b)fluoranthene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Benzo(k)fluoranthene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Chrysene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Dibenz(a,h)anthracene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Fluoranthene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Fluorene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Indeno(1,2,3-cd)pyrene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
SVOC, Soils - Naphthalene		07/31/2025	14:22	Not Detected	mg/kg	0.00306	EPA 8270	
SVOC, Soils - Pyrene		07/31/2025	14:22	Not Detected	mg/kg	0.010	EPA 8270	
VOC, Soils - 1,2,4-trimethylbenzene		08/07/2025	14:18	<0.0016 - H1	mg/kg	0.0016	EPA 8260d	
VOC, Soils - 1,3,5-trimethylbenzene		08/07/2025	14:18	<0.015 - H1	mg/kg	0.0015	EPA 8260d	
VOC, Soils - Benzene		08/07/2025	14:18	Not Detected - H1	mg/kg	0.0015	EPA 8260d	
VOC, Soils - Ethylbenzene		08/07/2025	14:18	Not Detected - H1	mg/kg	0.0014	EPA 8260d	
VOC, Soils - Gasoline Range Organics		08/07/2025	14:18	Not Detected - H1	mg/kg	0.223	EPA 8260d	
VOC, Soils - m&p- xylene		08/07/2025	14:18	<0.0029 - H1	mg/kg	0.0029	EPA 8260d	
VOC, Soils - o-xylene		08/07/2025	14:18	<0.0014 - H1	mg/kg	0.0014	EPA 8260d	
VOC, Soils - Toluene		08/07/2025	14:18	<0.0016 - H1	mg/kg	0.0016	EPA 8260d	
VOC, Soils - Xylenes, total		08/07/2025	14:18	<0.0043 - H1	mg/kg	0.0043	EPA 8260d	
AA26936-3	MC24-3_08@2'	Collected :	07/16/2025 11:10					
Chromium VI, Soil		08/01/2025	14:45	<0.08	mg/kg	0.080	EPA 7199	
Hot Water Soluble Boron		07/31/2025	08:13	0.95	mg/kg	0.050	Boron Hot Water Extraction	
Total Metals, Soils - Arsenic		08/01/2025	06:45	10.00	5.12	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		08/01/2025	06:45	10.00	212.02	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		08/01/2025	06:45	10.00	0.16	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		08/01/2025	06:45	10.00	9.00	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		08/01/2025	06:45	10.00	9.28	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		08/01/2025	06:45	10.00	9.59	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		08/01/2025	06:45	10.00	3.69	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		08/01/2025	06:45	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		08/01/2025	06:45	10.00	40.73	mg/kg	0.025	EPA 6020B
AA26937-1	MC24-3_08@5'	Collected :	07/16/2025 11:15					
EC & pH soil by saturated paste - EC, soil		07/23/2025	11:05		6.41	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		07/23/2025	11:05		23.30	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		07/23/2025	11:05		8.06	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		07/24/2025	10:38	10.00	23.27	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025	10:38	10.00	11.06	mEq/L	0.82	EPA 6020B



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:28

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SAR Saturated Paste - Sodium		07/24/2025 10:38	10.00	46.00	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025 10:38	10.00	11.10	No Unit		EPA 6020B

AA26938-1 MC24-3_13@2' **Collected :** 07/16/2025 11:20

EC & pH soil by saturated paste - EC, soil		07/23/2025 11:05		2.61	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		07/23/2025 11:05		23.30	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		07/23/2025 11:05		7.82	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		07/24/2025 10:38	10.00	23.44	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025 10:38	10.00	9.46	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025 10:38	10.00	31.62	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025 10:38	10.00	7.80	No Unit		EPA 6020B

AA26938-2 MC24-3_13@2' **Collected :** 07/16/2025 11:20

DRO & ORO, Soil - DRO		08/06/2025 12:01		Not Detected - H1	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		08/06/2025 12:01		Not Detected - H1	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		07/31/2025 14:22		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		07/31/2025 14:22		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		07/31/2025 14:22		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		08/07/2025 14:18		<0.0016 - H1	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		08/07/2025 14:18		<0.0015 - H1	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene		08/07/2025 14:18		<0.0015 - H1	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene		08/07/2025 14:18		<0.0014 - H1	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics		08/07/2025 14:18		Not Detected - H1	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene		08/07/2025 14:18		<0.0029 - H1	mg/kg	0.0029	EPA 8260d
VOC, Soils - o-xylene		08/07/2025 14:18		<0.0014 - H1	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene		08/07/2025 14:18		<0.0016 - H1	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		08/07/2025 14:18		<0.0043 - H1	mg/kg	0.0043	EPA 8260d

AA26938-3 MC24-3_13@2' **Collected :** 07/16/2025 11:20

Chromium VI, Soil		08/01/2025 14:45		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		07/31/2025 08:13		0.10	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		08/01/2025 06:45	10.00	4.67	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		08/01/2025 06:45	10.00	164.25	mg/kg	0.025	EPA 6020B



Division of Environmental Testing

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

Report Date : 8/13/2025

Report Time : 12:28

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Total Metals, Soils - Cadmium		08/01/2025 06:45	10.00	0.12	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		08/01/2025 06:45	10.00	7.41	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		08/01/2025 06:45	10.00	7.69	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		08/01/2025 06:45	10.00	7.80	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		08/01/2025 06:45	10.00	3.26	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		08/01/2025 06:45	10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		08/01/2025 06:45	10.00	35.47	mg/kg	0.025	EPA 6020B

AA26939-1 MC24-3_13@5' **Collected :** 07/16/2025 11:25

EC & pH soil by saturated paste - EC, soil		07/23/2025 11:05		2.08	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		07/23/2025 11:05		23.20	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		07/23/2025 11:05		7.94	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		07/24/2025 10:38	10.00	7.56	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025 10:38	10.00	4.99	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025 10:38	10.00	56.74	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025 10:38	10.00	22.65	No Unit		EPA 6020B

AA26940-1 MC24-3_10@2' **Collected :** 07/16/2025 11:30

EC & pH soil by saturated paste - EC, soil		07/23/2025 11:05		1.75	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		07/23/2025 11:05		22.90	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		07/23/2025 11:05		7.92	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		07/24/2025 10:38	10.00	12.64	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025 10:38	10.00	4.09	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025 10:38	10.00	1.20	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025 10:38	10.00	0.42	No Unit		EPA 6020B

AA26940-2 MC24-3_10@2' **Collected :** 07/16/2025 11:30

DRO & ORO, Soil - DRO		07/31/2025 13:50		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		07/31/2025 13:50		<100.00	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		07/30/2025 00:00		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		07/30/2025 00:00		Not Detected	mg/kg	0.00306	EPA 8270



Division of Environmental Testing

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

Report Date : 8/13/2025

Report Time : 12:28

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Pyrene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		07/30/2025 13:16		Not Detected	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		07/30/2025 13:16		Not Detected	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene		07/30/2025 13:16		Not Detected	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene		07/30/2025 13:16		Not Detected	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics		07/30/2025 13:16		<0.223	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene		07/30/2025 13:16		Not Detected	mg/kg	0.0029	EPA 8260d
VOC, Soils - o-xylene		07/30/2025 13:16		Not Detected	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene		07/30/2025 13:16		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		07/30/2025 13:16		Not Detected	mg/kg	0.0043	EPA 8260d
AA26940-3	MC24-3_10@2'	Collected : 07/16/2025 11:30					
Chromium VI, Soil		07/31/2025 10:30		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		07/29/2025 13:22		0.94	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		07/31/2025 06:56	10.00	4.07	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		07/31/2025 06:56	10.00	91.61	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		07/31/2025 06:56	10.00	0.12	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		07/31/2025 06:56	10.00	6.84	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		07/31/2025 06:56	10.00	7.53	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		07/31/2025 06:56	10.00	6.98	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		07/31/2025 06:56	10.00	2.23	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		07/31/2025 06:56	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		07/31/2025 06:56	10.00	28.78	mg/kg	0.025	EPA 6020B
AA26941-1	MC24-3_10@5'	Collected : 07/16/2025 11:35					
EC & pH soil by saturated paste - EC, soil		07/23/2025 11:05		2.32	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		07/23/2025 11:05		22.80	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		07/23/2025 11:05		7.72	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		07/24/2025 10:38	10.00	12.12	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		07/24/2025 10:38	10.00	7.21	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		07/24/2025 10:38	10.00	1.31	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		07/24/2025 10:38	10.00	0.42	No Unit		EPA 6020B
AA26941-2	MC24-3_10@5'	Collected : 07/16/2025 11:35					
DRO & ORO, Soil - DRO		07/31/2025 13:50		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		07/31/2025 13:50		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		07/30/2025 00:00		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		07/30/2025 00:00		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 : 8/13/2025

Report Time : 12:28

FINAL RESULTS REPORT

Project Manager: Joel Mason **Project Name:** Citation McCormick (24-3) #6 **Project Number:** CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
SVOC, Soils - Dibenz(a,h)anthracene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		07/30/2025 00:00		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		07/30/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		07/30/2025 13:16		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		07/30/2025 13:16		Not Detected	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene		07/30/2025 13:16		Not Detected	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene		07/30/2025 13:16		Not Detected	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics		07/30/2025 13:16		<0.223	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene		07/30/2025 13:16		Not Detected	mg/kg	0.0029	EPA 8260d
VOC, Soils - o-xylene		07/30/2025 13:16		Not Detected	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene		07/30/2025 13:16		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		07/30/2025 13:16		Not Detected	mg/kg	0.0043	EPA 8260d
AA26941-3	MC24-3_10@5'	Collected : 07/16/2025 11:35					
Chromium VI, Soil		07/31/2025 10:30		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		07/29/2025 13:22		0.76	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		07/31/2025 06:56	10.00	4.38	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		07/31/2025 06:56	10.00	159.61	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		07/31/2025 06:56	10.00	0.10	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		07/31/2025 06:56	10.00	6.98	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		07/31/2025 06:56	10.00	7.57	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		07/31/2025 06:56	10.00	8.25	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		07/31/2025 06:56	10.00	2.23	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		07/31/2025 06:56	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		07/31/2025 06:56	10.00	29.76	mg/kg	0.025	EPA 6020B



Division of Environmental Testing

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Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-10361										
DUP	AA26665	0.19	0.050	mg/kg					5.4	-15 - 15
DUP	AA27348	0.94	0.050	mg/kg					11.1	-15 - 15
DUP	AA27538	0.28	0.050	mg/kg					13.3	-15 - 15
MB	AA27663	0.01		mg/kg						
LCS	AA27664	1.06		mg/kg	1.00		106	80 - 120		
LCS	AA27665	8.52		mg/kg	9.00		94.7	80 - 120		
BORON-10444										
DUP	AA27630	0.40	0.050	mg/kg					7.2	-15 - 15
DUP	AA27738	0.27	0.050	mg/kg					7.1	-15 - 15
MB	AA27896	0.00		mg/kg						
LCS	AA27897	1.06		mg/kg	1.00		106	80 - 120		
LCS	AA27898	8.86		mg/kg	9.00		98.4	80 - 120		
CHROM_VI_SOIL-10394										
DUP	AA26665	<0.08	0.080	mg/kg						
MB	AA27711	0.03		mg/kg						
LCS	AA27713	1.48		mg/kg	1.57		94.3	80 - 120		
LCS	AA27714	1.49		mg/kg	1.57		94.9	80 - 120		
CHROM_VI_SOIL-10441										
DUP	AA26901	<0.08	0.080	mg/kg						
MB	AA27884	0.04		mg/kg						
LCS	AA27886	1.54		mg/kg	1.62		95.1	80 - 120		
LCS	AA27887	1.53		mg/kg	1.62		94.4	80 - 120		



Division of Environmental Testing

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

FINAL RESULTS REPORT

Report Date : 8/13/2025

Report Time : 12:28

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO ORO SOIL-10398										
AA26900										
Dup	DRO	297.66				Not Detected			10.9	- 30
Dup	ORO	367.26				Not Detected			2.18	- 50
Matrix Spike	DRO	332.12		mg/kg	350	Not Detected	94.9	70 - 130		
Matrix Spike	ORO	375.37		mg/kg	350	Not Detected	107	50 - 150		
AA27749										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA27750										
LCS	DRO	299.03		mg/kg			85.4	70 - 130		
LCS	ORO	377.14		mg/kg			108	50 - 150		
AA27751										
LCS	DRO	399.53		mg/kg			114	70 - 130		
LCS	ORO	416.73		mg/kg			119	50 - 150		
DRO ORO SOIL-10496										
AA27507										
Dup	DRO	358.66				Not Detected			5.94	- 30
Dup	ORO	383.67				<100.00			2.05	- 50
Matrix Spike	DRO	380.63		mg/kg	350	Not Detected	109	70 - 130		
Matrix Spike	ORO	375.89		mg/kg	350	<100.00	107	50 - 150		
AA28075										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA28076										
LCS	DRO	321.57		mg/kg			91.9	70 - 130		
LCS	ORO	367.39		mg/kg			105	50 - 150		
AA28077										
LCS	DRO	377.48		mg/kg			108	70 - 130		
LCS	ORO	427.72		mg/kg			122	50 - 150		
EC PH-10202										
AA26932										
Dup	EC, soil	5.78	0.0005	mmhos/cm		5.66			2.10	- 5
Dup	pH soil Temperature	24.10		°C		24.20				
Dup	pH, soil	7.91	0.01	SU		7.87			0.507	- 5
AA27107										
LCS	EC, soil	9.43	0.0005	mmhos/cm			94.3	85 - 115		
LCS	pH, soil	6.90	0.01	SU			101	85 - 115		
AA27108										
LCS	EC, soil	9.49	0.0005	mmhos/cm			94.9	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		
METALS S-10397										
AA27508										
Dup	Arsenic	6.38	0.025	mg/kg		6.39			0.157	0 - 15
Dup	Barium	130.16	0.025	mg/kg		128.93			0.949	0 - 15



Division of Environmental Testing

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Aurora, CO 80045

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Report Date : 8/13/2025

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Cadmium	0.53	0.001	mg/kg		0.52			1.90	0 - 15
Dup	Copper	22.75	0.025	mg/kg		22.56			0.839	0 - 15
Dup	Lead	51.54	0.025	mg/kg		55.24			6.93	0 - 15
Dup	Nickel	16.07	0.025	mg/kg		16.14			0.435	0 - 15
Dup	Selenium	2.80	0.025	mg/kg		3.10			10.2	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	117.13	0.025	mg/kg		117.60			0.400	0 - 15
Matrix Spike	Arsenic	26.89		mg/kg	20	6.39	102	80 - 120		
Matrix Spike	Barium	147.75		mg/kg	20	128.93	94.1	80 - 120		
Matrix Spike	Cadmium	20.53		mg/kg	20	0.52	100	80 - 120		
Matrix Spike	Copper	43.62		mg/kg	20	22.56	105	80 - 120		
Matrix Spike	Lead	75.92		mg/kg	20	55.24	103	80 - 120		
Matrix Spike	Nickel	36.15		mg/kg	20	16.14	100	80 - 120		
Matrix Spike	Selenium	24.44		mg/kg	20	3.10	107	80 - 120		
Matrix Spike	Silver	19.16		mg/kg	20	<0.25	95.8	80 - 120		
Matrix Spike	Zinc	138.67		mg/kg	20	117.60	105	80 - 120		

AA27539

Dup	Arsenic	4.47	0.025	mg/kg		4.63			3.52	0 - 15
Dup	Barium	64.22	0.025	mg/kg		66.80			3.94	0 - 15
Dup	Cadmium	0.30	0.001	mg/kg		0.31			3.28	0 - 15
Dup	Copper	9.45	0.025	mg/kg		10.12			6.85	0 - 15
Dup	Lead	12.83	0.025	mg/kg		12.85			0.156	0 - 15
Dup	Nickel	10.25	0.025	mg/kg		10.71			4.39	0 - 15
Dup	Selenium	2.43	0.025	mg/kg		2.76			12.7	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	46.75	0.025	mg/kg		49.85			6.42	0 - 15
Matrix Spike	Arsenic	23.16		mg/kg	20	4.63	92.6	80 - 120		
Matrix Spike	Barium	89.62		mg/kg	20	66.80	114	80 - 120		
Matrix Spike	Cadmium	18.06		mg/kg	20	0.31	88.8	80 - 120		
Matrix Spike	Copper	27.32		mg/kg	20	10.12	86.0	80 - 120		
Matrix Spike	Lead	32.05		mg/kg	20	12.85	96.0	80 - 120		
Matrix Spike	Nickel	27.50		mg/kg	20	10.71	84.0	80 - 120		
Matrix Spike	Selenium	21.30		mg/kg	20	2.76	92.7	80 - 120		
Matrix Spike	Silver	17.42		mg/kg	20	<0.25	87.1	80 - 120		
Matrix Spike	Zinc	66.86		mg/kg	20	49.85	85.0	80 - 120		

AA27622

Dup	Arsenic	2.71	0.025	mg/kg		2.43			10.9	0 - 15
Matrix Spike	Arsenic	20.82		mg/kg	20	2.43	92.0	80 - 120		

AA27745

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						



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:28

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Silver	0.00		mg/kg						
MB	Zinc	0.00		mg/kg						

AA27747

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.11		mg/kg			110	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

AA27748

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

METALS S-10450

AA27623

Dup	Arsenic	5.88	0.025	mg/kg		6.16			4.65	0 - 15
Matrix Spike	Arsenic	25.69		mg/kg	20	6.16	97.6	80 - 120		

AA27722

Dup	Arsenic	16.60	0.025	mg/kg		16.01			3.62	0 - 15
Matrix Spike	Arsenic	36.40		mg/kg	20	16.01	102	80 - 120		

AA27914

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						

AA27916

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		



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FINAL RESULTS REPORT

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Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

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

AA27917

LCS	Arsenic	0.09		mg/kg			90.0	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.10		mg/kg			100	80 - 120		
LCS	Copper	0.09		mg/kg			90.0	80 - 120		
LCS	Lead	0.10		mg/kg			100	80 - 120		
LCS	Nickel	0.09		mg/kg			90.0	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.09		mg/kg			90.0	80 - 120		

SAR-10252

AA26932

Dup	Calcium	24.22		mEq/L	24.22	23.46			3.19	- 20
Dup	Magnesium	9.84		mEq/L	9.84	9.46			3.94	- 20
Dup	Sodium	32.51		mEq/L	32.51	31.46			3.28	- 20
Dup	Sodium Adsorption Ratio	7.88		mEq/L	7.88	7.75			1.66	- 20

AA27228

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

AA27229

LCS	Calcium	9.04		ppm			90.4	80 - 120		
LCS	Magnesium	9.16		ppm			91.6	80 - 120		
LCS	Sodium	8.96		ppm			89.6	80 - 120		
LCS	Sodium Adsorption Ratio	0.50		ppm			92.6	80 - 120		

AA27230

LCS	Calcium	404.57		ppm			80.9	80 - 120		
LCS	Magnesium	425.38		ppm			85.1	80 - 120		
LCS	Sodium	426.63		ppm			85.3	80 - 120		
LCS	Sodium Adsorption Ratio	3.53		ppm			93.4	80 - 120		

SVOC SOIL-10418

AA26909

Dup	1-methylnaphthalene	0.291	0.00313	mg/kg		Not Detected			10.5	- 30
Dup	2-methylnaphthalene	0.302	0.010	mg/kg		Not Detected			8.28	- 30
Dup	Acenaphthene	0.342	0.010	mg/kg		Not Detected			6.02	- 30
Dup	Anthracene	0.365	0.010	mg/kg		Not Detected			<0.010	- 30
Dup	Benz(a)anthracene	0.272	0.010	mg/kg		Not Detected			0.367	- 30
Dup	Benzo(a)pyrene	0.278	0.010	mg/kg		Not Detected			5.55	- 30
Dup	Benzo(b)fluoranthene	0.256	0.010	mg/kg		Not Detected			4.80	- 30
Dup	Benzo(k)fluoranthene	0.262	0.010	mg/kg		Not Detected			5.49	- 30
Dup	Chrysene	0.267	0.010	mg/kg		Not Detected			3.04	- 30
Dup	Dibenz(a,h)anthracene	0.356	0.010	mg/kg		Not Detected			4.60	- 30



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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Fluoranthene	0.299	0.010	mg/kg		Not Detected			0.671	- 30
Dup	Fluorene	0.321	0.010	mg/kg		Not Detected			3.67	- 30
Dup	Indeno(1,2,3-cd)pyrene	0.378	0.010	mg/kg		Not Detected			1.05	- 30
Dup	Naphthalene	0.322	0.00306	mg/kg		Not Detected			9.09	- 30
Dup	Pyrene	0.309	0.010	mg/kg		Not Detected			1.63	- 30
Matrix Spike	1-methylnaphthalene	0.262	0.00313	mg/kg	0.300	Not Detected	87.3	70 - 130		
Matrix Spike	2-methylnaphthalene	0.278	0.010	mg/kg	0.300	Not Detected	92.7	70 - 130		
Matrix Spike	Acenaphthene	0.322	0.010	mg/kg	0.300	Not Detected	107	70 - 130		
Matrix Spike	Anthracene	0.365	0.010	mg/kg	0.300	Not Detected	122	70 - 130		
Matrix Spike	Benz(a)anthracene	0.273	0.010	mg/kg	0.300	Not Detected	91.0	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.263	0.010	mg/kg	0.300	Not Detected	87.7	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.244	0.010	mg/kg	0.300	Not Detected	81.3	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.248	0.010	mg/kg	0.300	Not Detected	82.7	70 - 130		
Matrix Spike	Chrysene	0.259	0.010	mg/kg	0.300	Not Detected	86.3	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.340	0.010	mg/kg	0.300	Not Detected	113	70 - 130		
Matrix Spike	Fluoranthene	0.297	0.010	mg/kg	0.300	Not Detected	99.0	70 - 130		
Matrix Spike	Fluorene	0.333	0.010	mg/kg	0.300	Not Detected	111	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.382	0.010	mg/kg	0.300	Not Detected	127	70 - 130		
Matrix Spike	Naphthalene	0.294	0.00306	mg/kg	0.300	Not Detected	98.0	70 - 130		
Matrix Spike	Pyrene	0.304	0.010	mg/kg	0.300	Not Detected	101	70 - 130		

AA27836

MB	1-methylnaphthalene	Not Detected	0.00313	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	0.00306	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

AA27837

LCS	1-methylnaphthalene	0.291	0.00313	mg/kg			97.0	70 - 130		
LCS	2-methylnaphthalene	0.312	0.010	mg/kg			104	70 - 130		
LCS	Acenaphthene	0.346	0.010	mg/kg			115	70 - 130		
LCS	Anthracene	0.389	0.010	mg/kg			130	70 - 130		
LCS	Benz(a)anthracene	0.263	0.010	mg/kg			87.7	70 - 130		
LCS	Benzo(a)pyrene	0.258	0.010	mg/kg			86.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.254	0.010	mg/kg			84.7	70 - 130		
LCS	Benzo(k)fluoranthene	0.255	0.010	mg/kg			85.0	70 - 130		
LCS	Chrysene	0.250	0.010	mg/kg			83.3	70 - 130		
LCS	Dibenz(a,h)anthracene	0.388	0.010	mg/kg			129	70 - 130		



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Fluoranthene	0.305	0.010	mg/kg			102	70 - 130		
LCS	Fluorene	0.358	0.010	mg/kg			119	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.386	0.010	mg/kg			129	70 - 130		
LCS	Naphthalene	0.305	0.00306	mg/kg			102	70 - 130		
LCS	Pyrene	0.306	0.010	mg/kg			102	70 - 130		

AA27838

LCS	1-methylnaphthalene	0.279	0.00313	mg/kg			93.0	70 - 130		
LCS	2-methylnaphthalene	0.280	0.010	mg/kg			93.3	70 - 130		
LCS	Acenaphthene	0.309	0.010	mg/kg			103	70 - 130		
LCS	Anthracene	0.375	0.010	mg/kg			125	70 - 130		
LCS	Benz(a)anthracene	0.286	0.010	mg/kg			95.3	70 - 130		
LCS	Benzo(a)pyrene	0.264	0.010	mg/kg			88.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.253	0.010	mg/kg			84.3	70 - 130		
LCS	Benzo(k)fluoranthene	0.250	0.010	mg/kg			83.3	70 - 130		
LCS	Chrysene	0.263	0.010	mg/kg			87.7	70 - 130		
LCS	Dibenz(a,h)anthracene	0.339	0.010	mg/kg			113	70 - 130		
LCS	Fluoranthene	0.334	0.010	mg/kg			111	70 - 130		
LCS	Fluorene	0.317	0.010	mg/kg			106	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.339	0.010	mg/kg			113	70 - 130		
LCS	Naphthalene	0.293	0.00306	mg/kg			97.7	70 - 130		
LCS	Pyrene	0.334	0.010	mg/kg			111	70 - 130		

SVOC SOIL-10431

AA26901

Dup	1-methylnaphthalene	0.307	0.00313	mg/kg		Not Detected			6.92	-30
Dup	2-methylnaphthalene	0.317	0.010	mg/kg		Not Detected			6.12	-30
Dup	Acenaphthene	0.345	0.010	mg/kg		Not Detected			0.578	-30
Dup	Anthracene	0.366	0.010	mg/kg		Not Detected			2.16	-30
Dup	Benz(a)anthracene	0.279	0.010	mg/kg		Not Detected			3.28	-30
Dup	Benzo(a)pyrene	0.254	0.010	mg/kg		Not Detected			4.43	-30
Dup	Benzo(b)fluoranthene	0.230	0.010	mg/kg		Not Detected			<0.010	-30
Dup	Benzo(k)fluoranthene	0.236	0.010	mg/kg		Not Detected			6.56	-30
Dup	Chrysene	0.261	0.010	mg/kg		Not Detected			1.54	-30
Dup	Dibenz(a,h)anthracene	0.313	0.010	mg/kg		Not Detected			5.89	-30
Dup	Fluoranthene	0.301	0.010	mg/kg		Not Detected			4.23	-30
Dup	Fluorene	0.354	0.010	mg/kg		Not Detected			4.03	-30
Dup	Indeno(1,2,3-cd)pyrene	0.348	0.010	mg/kg		Not Detected			5.59	-30
Dup	Naphthalene	0.352	0.00306	mg/kg		Not Detected			2.30	-30
Dup	Pyrene	0.300	0.010	mg/kg		Not Detected			4.88	-30
Matrix Spike	1-methylnaphthalene	0.329	0.00313	mg/kg	0.300	Not Detected	110	70 - 130		
Matrix Spike	2-methylnaphthalene	0.337	0.010	mg/kg	0.300	Not Detected	112	70 - 130		
Matrix Spike	Acenaphthene	0.347	0.010	mg/kg	0.300	Not Detected	116	70 - 130		
Matrix Spike	Anthracene	0.374	0.010	mg/kg	0.300	Not Detected	125	70 - 130		
Matrix Spike	Benz(a)anthracene	0.270	0.010	mg/kg	0.300	Not Detected	90.0	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.243	0.010	mg/kg	0.300	Not Detected	81.0	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.230	0.010	mg/kg	0.300	Not Detected	76.7	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.221	0.010	mg/kg	0.300	Not Detected	73.7	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:28

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Chrysene	0.257	0.010	mg/kg	0.300	Not Detected	85.7	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.332	0.010	mg/kg	0.300	Not Detected	111	70 - 130		
Matrix Spike	Fluoranthene	0.314	0.010	mg/kg	0.300	Not Detected	105	70 - 130		
Matrix Spike	Fluorene	0.340	0.010	mg/kg	0.300	Not Detected	113	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.368	0.010	mg/kg	0.300	Not Detected	123	70 - 130		
Matrix Spike	Naphthalene	0.344	0.00306	mg/kg	0.300	Not Detected	115	70 - 130		
Matrix Spike	Pyrene	0.315	0.010	mg/kg	0.300	Not Detected	105	70 - 130		

AA27851

MB	1-methylnaphthalene	Not Detected	0.00313	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	0.00306	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

AA27852

LCS	1-methylnaphthalene	0.337	0.00313	mg/kg			112	70 - 130		
LCS	2-methylnaphthalene	0.347	0.010	mg/kg			116	70 - 130		
LCS	Acenaphthene	0.349	0.010	mg/kg			116	70 - 130		
LCS	Anthracene	0.388	0.010	mg/kg			129	70 - 130		
LCS	Benz(a)anthracene	0.274	0.010	mg/kg			91.3	70 - 130		
LCS	Benzo(a)pyrene	0.259	0.010	mg/kg			86.3	70 - 130		
LCS	Benzo(b)fluoranthene	0.239	0.010	mg/kg			79.7	70 - 130		
LCS	Benzo(k)fluoranthene	0.238	0.010	mg/kg			79.3	70 - 130		
LCS	Chrysene	0.264	0.010	mg/kg			88.0	70 - 130		
LCS	Dibenz(a,h)anthracene	0.338	0.010	mg/kg			113	70 - 130		
LCS	Fluoranthene	0.323	0.010	mg/kg			108	70 - 130		
LCS	Fluorene	0.356	0.010	mg/kg			119	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.386	0.010	mg/kg			129	70 - 130		
LCS	Naphthalene	0.355	0.00306	mg/kg			118	70 - 130		
LCS	Pyrene	0.324	0.010	mg/kg			108	70 - 130		

AA27853

LCS	1-methylnaphthalene	0.326	0.00313	mg/kg			109	70 - 130		
LCS	2-methylnaphthalene	0.326	0.010	mg/kg			109	70 - 130		
LCS	Acenaphthene	0.342	0.010	mg/kg			114	70 - 130		
LCS	Anthracene	0.353	0.010	mg/kg			118	70 - 130		
LCS	Benz(a)anthracene	0.258	0.010	mg/kg			86.0	70 - 130		
LCS	Benzo(a)pyrene	0.234	0.010	mg/kg			78.0	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:28

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Benzo(b)fluoranthene	0.224	0.010	mg/kg			74.7	70 - 130		
LCS	Benzo(k)fluoranthene	0.230	0.010	mg/kg			76.7	70 - 130		
LCS	Chrysene	0.236	0.010	mg/kg			78.7	70 - 130		
LCS	Dibenz(a,h)anthracene	0.310	0.010	mg/kg			103	70 - 130		
LCS	Fluoranthene	0.300	0.010	mg/kg			100	70 - 130		
LCS	Fluorene	0.337	0.010	mg/kg			112	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.345	0.010	mg/kg			115	70 - 130		
LCS	Naphthalene	0.335	0.00306	mg/kg			112	70 - 130		
LCS	Pyrene	0.303	0.010	mg/kg			101	70 - 130		

VOC_S-10396

AA27472

Dup	1,2,4-trimethylbenzene	0.003	0.0016	mg/kg		<0.0016			40.0	- 30
Dup	1,3,5-trimethylbenzene	0.004	0.0015	mg/kg		<0.0015			28.6	- 30
Dup	Ethylbenzene	0.009	0.0014	mg/kg		Not Detected			25.0	- 30
Dup	Gasoline Range Organics	0.619	0.223	mg/kg		<0.223			16.8	
Dup	m&p- xylene	0.017	0.0029	mg/kg					26.7	- 30
Dup	o-xylene	0.07	0.0014	mg/kg					173	- 30
Dup	Xylenes, total	0.024	0.0043	mg/kg		<0.0043			28.6	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.002		mg/kg	0.050	<0.0016	4.00	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.003		mg/kg	0.050	<0.0015	6.00	70 - 130		
Matrix Spike	Ethylbenzene	0.007		mg/kg	0.050	Not Detected	14.0	70 - 130		
Matrix Spike	Gasoline Range Organics	0.523		mg/kg	2.54	<0.223	20.6			
Matrix Spike	m&p- xylene	0.013		mg/kg						
Matrix Spike	o-xylene	0.005		mg/kg						
Matrix Spike	Xylenes, total	0.018		mg/kg	0.150	<0.0043	12.0	70 - 130		

AA27734

MB	1,2,4-trimethylbenzene	<0.0016		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	0.223		mg/kg						
MB	m&p- xylene	<0.0029		mg/kg						
MB	o-xylene	<0.0014		mg/kg						
MB	Toluene	<0.0016		mg/kg						
MB	Xylenes, total	<0.0043		mg/kg						

AA27735

LCS	1,2,4-trimethylbenzene	0.043		mg/kg			86.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.047		mg/kg			94.0	70 - 130		
LCS	Benzene	0.056		mg/kg			112	70 - 130		
LCS	Ethylbenzene	0.044		mg/kg			88.0	70 - 130		
LCS	Gasoline Range Organics	0.37		mg/kg			93.3			
LCS	m&p- xylene	0.091		mg/kg			91.0	70 - 130		
LCS	o-xylene	0.041		mg/kg			82.0	70 - 130		
LCS	Toluene	0.045		mg/kg			90.0	70 - 130		
LCS	Xylenes, total	0.132		mg/kg			88.0	70 - 130		

AA27736



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/13/2025

Report Time : 12:28

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	1,2,4-trimethylbenzene	0.041		mg/kg			82.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.044		mg/kg			88.0	70 - 130		
LCS	Benzene	0.052		mg/kg			104	70 - 130		
LCS	Ethylbenzene	0.042		mg/kg			84.0	70 - 130		
LCS	Gasoline Range Organics	0.96		mg/kg			77.2			
LCS	m&p- xylene	0.087		mg/kg			87.0	70 - 130		
LCS	o-xylene	0.041		mg/kg			82.0	70 - 130		
LCS	Toluene	0.044		mg/kg			88.0	70 - 130		
LCS	Xylenes, total	0.128		mg/kg			85.3	70 - 130		

VOC_S-10487

AA26938

Dup	1,2,4-trimethylbenzene	0.042	0.0016	mg/kg		<0.0016			<0.0016	- 30
Dup	1,3,5-trimethylbenzene	0.040	0.0015	mg/kg		<0.0015			2.47	- 30
Dup	Benzene	0.060	0.0015	mg/kg		<0.0015			3.39	- 30
Dup	Ethylbenzene	0.048	0.0014	mg/kg		<0.0014			2.11	- 30
Dup	Gasoline Range Organics	0.15	0.223	mg/kg		Not Detected			<0.223	
Dup	m&p- xylene	0.089	0.0029	mg/kg		<0.0029			1.13	- 30
Dup	o-xylene	0.048	0.0014	mg/kg		<0.0014			2.11	- 30
Dup	Toluene	0.047	0.0016	mg/kg		<0.0016			2.15	- 30
Dup	Xylenes, total	0.137	0.0043	mg/kg		<0.0043			1.47	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.042		mg/kg	0.050	<0.0016	84.0	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.041		mg/kg	0.050	<0.0015	82.0	70 - 130		
Matrix Spike	Benzene	0.058		mg/kg	0.050	<0.0015	116	70 - 130		
Matrix Spike	Ethylbenzene	0.047		mg/kg	0.050	<0.0014	94.0	70 - 130		
Matrix Spike	Gasoline Range Organics	0.15		mg/kg	2.54	Not Detected	84.6			
Matrix Spike	m&p- xylene	0.088		mg/kg	0.100	<0.0029	88.0	70 - 130		
Matrix Spike	o-xylene	0.047		mg/kg	0.050	<0.0014	94.0	70 - 130		
Matrix Spike	Toluene	0.046		mg/kg	0.050	<0.0016	92.0	70 - 130		
Matrix Spike	Xylenes, total	0.135		mg/kg	0.150	<0.0043	90.0	70 - 130		

AA28055

MB	1,2,4-trimethylbenzene	<0.0016		mg/kg						
MB	1,3,5-trimethylbenzene	<0.0015		mg/kg						
MB	Benzene	Not Detected		mg/kg						
MB	Ethylbenzene	Not Detected		mg/kg						
MB	Gasoline Range Organics	Not Detected		mg/kg						
MB	m&p- xylene	<0.0029		mg/kg						
MB	Naphthalene	Not Detected		mg/kg						
MB	o-xylene	<0.0014		mg/kg						
MB	Toluene	<0.0016		mg/kg						
MB	Xylenes, total	<0.0043		mg/kg						

AA28056

LCS	1,2,4-trimethylbenzene	0.048		mg/kg			96.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.045		mg/kg			90.0	70 - 130		
LCS	Benzene	0.064		mg/kg			128	70 - 130		
LCS	Ethylbenzene	0.051		mg/kg			102	70 - 130		
LCS	Gasoline Range Organics	0.34		mg/kg			92.1			



Division of Environmental Testing

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

Report Date : 8/13/2025

Report Time : 12:28

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: Citation McCormick (24-3) #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	m&p- xylene	0.096		mg/kg			96.0	70 - 130		
LCS	Naphthalene	0.046		mg/kg			92.0	70 - 130		
LCS	o-xylene	0.052		mg/kg			104	70 - 130		
LCS	Toluene	0.052		mg/kg			104	70 - 130		
LCS	Xylenes, total	0.148		mg/kg			98.7	70 - 130		

AA28057

LCS	1,2,4-trimethylbenzene	0.052		mg/kg			104	70 - 130		
LCS	1,3,5-trimethylbenzene	0.050		mg/kg			100	70 - 130		
LCS	Benzene	0.064		mg/kg			128	70 - 130		
LCS	Ethylbenzene	0.057		mg/kg			114	70 - 130		
LCS	Gasoline Range Organic	2.57		mg/kg			101			
LCS	m&p- xylene	0.107		mg/kg			107	70 - 130		
LCS	Naphthalene	0.062		mg/kg			124	70 - 130		
LCS	o-xylene	0.059		mg/kg			118	70 - 130		
LCS	Toluene	0.056		mg/kg			112	70 - 130		
LCS	Xylenes, total	0.166		mg/kg			111	70 - 130		

Qualifier

Explanation

- 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.
- EST The concentration indicated has been estimated due to high analyte content.
- E Electronic loss or corruption of data.
- I Subcontracted sample



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

August 25, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason
Project Name : CIT.CO.1054
Project Number : 1054

Attached are the analytical results for CIT.CO.1054 1054 received by Elevation Diagnostics, Division of Environmental Testing on August 01, 2025. This is associated with Elevation's number AA28216 .

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

Client: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, Wyoming 82834
 Phone: (307) 262-8975, (970) 381-7363
 Project Contact: Joel Mason

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

Project Name/Number: CIT.CO.1054
 Project Location: McCormick 24-3 #6
 Collector Name: D. Sundstedt

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested				Interim report requested	
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full Suite	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No			
1	MC24-3_06-1@2'	7/31/25	10:50 [Ⓛ]	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					Notes Table 015 Full Suite PH, EC, SAR only
2																	HOLD remaining until data reviewed by AEZ
3																	
4																	 AA28216-1
5																	
6																	
7																	
8																	
9																	
10																	

Relinquished By: [Signature]
 Date/Time: 8/1/25 10:00

Relinquished By: _____
 Date/Time: _____

Relinquished By: _____
 Date/Time: _____

Scan to Deliver Samples

Lab Use Only
 Observed Temperature Upon Receipt: 1.4°C
 Corrected Temperature Upon Receipt: 1.1°C
 Thermometer #: EDX EQ 351
 Correction Factor: -0.3°C

Samples Intact: Yes No
 pH Checked: Yes No
 pH Adjusted: Yes No
 PFAS rec'd on ice: Yes No N/A
 Name/Lot Number of Adjustment: _____
 Lot/EQM Number: 2025-08-04-013



EFOR-008.005

[Ⓛ] time on sample jars says 10:55 on 8/1/2025



Division of Environmental Testing

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

Report Date : 8/25/2025

Report Time : 14:17

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA28216-1	MC24-3_06-1@2'	Collected : 07/31/2025	10:50				
EC & pH soil by saturated paste - EC, soil		08/07/2025	16:29	2.43	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		08/07/2025	16:29	22.40	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		08/07/2025	16:29	8.08	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		08/08/2025	08:51 10.00	7.39	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		08/08/2025	08:51 10.00	3.11	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		08/08/2025	08:51 10.00	9.79	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		08/08/2025	08:51 10.00	4.27	No Unit		EPA 6020B
AA28216-2	MC24-3_06-1@2'	Collected : 07/31/2025	10:50				
Chromium VI, Soil		08/15/2025	09:03	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		08/20/2025	12:57	0.49	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		08/20/2025	09:47 10.00	3.09	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		08/20/2025	09:47 10.00	121.47	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		08/20/2025	09:47 10.00	0.11	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		08/20/2025	09:47 10.00	7.46	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		08/20/2025	09:47 10.00	12.94	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		08/20/2025	09:47 10.00	5.85	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		08/20/2025	09:47 10.00	1.31	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		08/20/2025	09:47 10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		08/20/2025	09:47 10.00	24.79	mg/kg	0.025	EPA 6020B
AA28216-3	MC24-3_06-1@2'	Collected : 07/31/2025	10:50				
DRO & ORO, Soil - DRO		08/20/2025	00:00	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		08/20/2025	00:00	Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		08/18/2025	00:00	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		08/18/2025	00:00	<0.010	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		08/18/2025	00:00	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		08/21/2025	10:45	<0.0016 - H1	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		08/21/2025	10:45	<0.0015 - H1	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene		08/21/2025	10:45	<0.0015 - H1	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene		08/21/2025	10:45	<0.0014 - H1	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics		08/21/2025	10:45	Not Detected - H1	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene		08/21/2025	10:45	<0.0029 - H1	mg/kg	0.0029	EPA 8260d



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/25/2025

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start	Recovery					
VOC, Soils - o-xylene		08/21/2025 10:45		<0.0014 - H1	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene		08/21/2025 10:45		<0.0016 - H1	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		08/21/2025 10:45		<0.0043 - H1	mg/kg	0.0043	EPA 8260d



Division of Environmental Testing

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Aurora, CO 80045

800-440-5184

FINAL RESULTS REPORT

Report Date : 8/25/2025

Report Time : 14:17

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-10954										
DUP	AA28194	0.10	0.050	mg/kg					9.5	-15 - 15
MB	AA29495	0.00		mg/kg						
LCS	AA29496	0.95		mg/kg	1.00		95.0	80 - 120		
LCS	AA29497	9.70		mg/kg	9.00		108	80 - 120		
CHROM_VI_SOIL-10871										
DUP	AA28197	<0.08	0.080	mg/kg						
MB	AA29203	0.00		mg/kg						
LCS	AA29205	1.68		mg/kg	1.57		107	80 - 120		
LCS	AA29206	1.68		mg/kg	1.61		104	80 - 120		



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO_ORO_SOIL-10931										
AA28769										
Dup	DRO	289.90				Not Detected			14.9	- 30
Dup	ORO	321.54				Not Detected			0.599	- 50
Matrix Spike	DRO	336.48		mg/kg	350.00	Not Detected	96.1	70 - 130		
Matrix Spike	ORO	319.62		mg/kg	350.00	Not Detected	91.3	50 - 150		
AA29381										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA29382										
LCS	DRO	353.08		mg/kg			101	70 - 130		
LCS	ORO	327.04		mg/kg			93.4	50 - 150		
AA29383										
LCS	DRO	355.88		mg/kg			102	70 - 130		
LCS	ORO	333.95		mg/kg			95.4	50 - 150		
EC_PH-10678										
AA28215										
Dup	EC, soil	1.34	0.0005	mmhos/cm		1.35			0.743	- 5
Dup	pH soil Temperature	22.80		°C		22.20				
Dup	pH, soil	7.70	0.01	SU		7.70			<%MDL%	- 5
AA28588										
LCS	EC, soil	10.13	0.0005	mmhos/cm			101	85 - 115		
LCS	pH, soil	6.86	0.01	SU			100	85 - 115		
AA28589										
LCS	EC, soil	9.86	0.0005	mmhos/cm			98.6	85 - 115		
LCS	pH, soil	6.86	0.01	SU			100	85 - 115		
METALS_S-10818										
AA28777										
Dup	Arsenic	5.28	0.025	mg/kg		5.27			0.190	0 - 15
Dup	Barium	136.10	0.025	mg/kg		132.41			2.75	0 - 15
Dup	Cadmium	0.27	0.001	mg/kg		0.26			3.77	0 - 15
Dup	Copper	11.76	0.025	mg/kg		11.69			0.597	0 - 15
Dup	Lead	11.60	0.025	mg/kg		11.39			1.83	0 - 15
Dup	Nickel	10.52	0.025	mg/kg		10.33			1.82	0 - 15
Dup	Selenium	2.47	0.025	mg/kg		2.56			3.58	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	42.25	0.025	mg/kg		42.03			0.522	0 - 15
Matrix Spike	Arsenic	24.61		mg/kg	20	5.27	96.7	80 - 120		
Matrix Spike	Barium	154.47		mg/kg	20	132.41	110	80 - 120		
Matrix Spike	Cadmium	18.11		mg/kg	20	0.26	89.2	80 - 120		
Matrix Spike	Copper	28.98		mg/kg	20	11.69	86.4	80 - 120		
Matrix Spike	Lead	30.73		mg/kg	20	11.39	96.7	80 - 120		
Matrix Spike	Nickel	28.05		mg/kg	20	10.33	88.6	80 - 120		
Matrix Spike	Selenium	22.91		mg/kg	20	2.56	102	80 - 120		
Matrix Spike	Silver	16.65		mg/kg	20	<0.25	83.2	80 - 120		



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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Zinc	63.94		mg/kg	20	42.03	110	80 - 120		
AA28822										
Dup	Arsenic	4.04	0.025	mg/kg		4.42			8.98	0 - 15
Dup	Barium	195.83	0.025	mg/kg		221.17			12.2	0 - 15
Dup	Cadmium	0.17	0.001	mg/kg		0.18			5.71	0 - 15
Dup	Copper	6.96	0.025	mg/kg		7.83			11.8	0 - 15
Dup	Lead	7.96	0.025	mg/kg		8.31			4.30	0 - 15
Dup	Nickel	7.95	0.025	mg/kg		8.50			6.69	0 - 15
Dup	Selenium	1.79	0.025	mg/kg		1.94			8.04	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	29.77	0.025	mg/kg		31.48			5.58	0 - 15
Matrix Spike	Arsenic	23.04		mg/kg	20	4.42	93.1	80 - 120		
Matrix Spike	Barium	242.81		mg/kg	20	221.17	108	80 - 120		
Matrix Spike	Cadmium	18.15		mg/kg	20	0.18	89.8	80 - 120		
Matrix Spike	Copper	24.27		mg/kg	20	7.83	82.2	80 - 120		
Matrix Spike	Lead	27.67		mg/kg	20	8.31	96.8	80 - 120		
Matrix Spike	Nickel	25.36		mg/kg	20	8.50	84.3	80 - 120		
Matrix Spike	Selenium	22.13		mg/kg	20	1.94	101	80 - 120		
Matrix Spike	Silver	16.68		mg/kg	20	<0.25	83.4	80 - 120		
Matrix Spike	Zinc	51.24		mg/kg	20	31.48	98.8	80 - 120		
AA29039										
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						
AA29041										
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		
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	0.10		mg/kg			100	80 - 120		
AA29042										
LCS	Arsenic	0.09		mg/kg			90.0	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.10		mg/kg			100	80 - 120		
LCS	Copper	0.09		mg/kg			90.0	80 - 120		
LCS	Lead	0.10		mg/kg			100	80 - 120		



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800-440-5184

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Nickel	0.09		mg/kg			90.0	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.10		mg/kg			100	80 - 120		
LCS	Zinc	0.09		mg/kg			90.0	80 - 120		

SAR-10697

AA28215

Dup	Calcium	37.20		mEq/L	37.20	38.84			4.31	-20
Dup	Magnesium	9.06		mEq/L	9.06	9.52			4.95	-20
Dup	Sodium	62.53		mEq/L	62.53	66.17			5.66	-20
Dup	Sodium Adsorption Ratio	3.00		mEq/L	13.00	13.46			3.48	-20

AA28225

Dup	Calcium	0.74		mEq/L	10.3	0.82			10.3	-20
Dup	Magnesium	<0.82		mEq/L	<0.82	<0.82				
Dup	Sodium	1.22		mEq/L	13.0	1.39			13.0	-20
Dup	Sodium Adsorption Ratio	1.64		mEq/L	8.75	1.79			8.75	-20

AA28281

Dup	Calcium	2.29		mEq/L	2.29	2.12			7.71	-20
Dup	Magnesium	1.56		mEq/L	1.56	1.42			9.40	-20
Dup	Sodium	0.55		mEq/L	0.55	0.53			3.70	-20
Dup	Sodium Adsorption Ratio	0.40		mEq/L	0.40	0.40			<%MDL%	-20

AA28322

Dup	Calcium	1.02		mEq/L	1.98	1.00			1.98	-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	0.29		mEq/L	3.39	0.30			3.39	-20

AA28336

Dup	Calcium	1.88		mEq/L	1.88	1.94			3.14	-20
Dup	Magnesium	0.86		mEq/L	0.86	0.88			2.30	-20
Dup	Sodium	0.47		mEq/L	0.47	0.47			<%MDL%	-20
Dup	Sodium Adsorption Ratio	0.40		mEq/L	0.40	0.40			<%MDL%	-20

AA28625

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

AA28626

LCS	Calcium	8.53		ppm			85.3	80 - 120		
LCS	Magnesium	8.73		ppm			87.3	80 - 120		
LCS	Sodium	8.76		ppm			87.6	80 - 120		
LCS	Sodium Adsorption Ratio	0.50		ppm			92.6	80 - 120		

AA28627

LCS	Calcium	448.44		ppm			89.7	80 - 120		
LCS	Magnesium	402.20		ppm			80.4	80 - 120		
LCS	Sodium	404.86		ppm			81.0	80 - 120		
LCS	Sodium Adsorption Ratio	3.34		ppm			88.4	80 - 120		



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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
SVOC_SOIL-10857										
AA28194										
Dup	1-methylnaphthalene	0.357	0.010	mg/kg		Not Detected			6.96	- 30
Dup	2-methylnaphthalene	0.331	0.010	mg/kg		Not Detected			6.55	- 30
Dup	Acenaphthene	0.339	0.010	mg/kg		Not Detected			8.62	- 30
Dup	Anthracene	0.391	0.010	mg/kg		Not Detected			17.8	- 30
Dup	Benz(a)anthracene	0.191	0.010	mg/kg		Not Detected			35.8	- 30
Dup	Benzo(a)pyrene	0.336	0.010	mg/kg		Not Detected			20.0	- 30
Dup	Benzo(b)fluoranthene	0.257	0.010	mg/kg		Not Detected			15.5	- 30
Dup	Benzo(k)fluoranthene	0.266	0.010	mg/kg		Not Detected			12.8	- 30
Dup	Chrysene	0.187	0.010	mg/kg		Not Detected			14.9	- 30
Dup	Dibenz(a,h)anthracene	0.239	0.010	mg/kg		Not Detected			16.8	- 30
Dup	Fluoranthene	0.239	0.010	mg/kg		Not Detected			13.4	- 30
Dup	Fluorene	0.334	0.010	mg/kg		Not Detected			9.40	- 30
Dup	Indeno(1,2,3-cd)pyrene	0.250	0.010	mg/kg		Not Detected			11.9	- 30
Dup	Naphthalene	0.358	0.010	mg/kg		Not Detected			6.04	- 30
Dup	Pyrene	0.258	0.010	mg/kg		Not Detected			16.8	- 30
Matrix Spike	1-methylnaphthalene	0.333	0.010	mg/kg	0.300	Not Detected	111	70 - 130		
Matrix Spike	2-methylnaphthalene	0.310	0.010	mg/kg	0.300	Not Detected	103	70 - 130		
Matrix Spike	Acenaphthene	0.311	0.010	mg/kg	0.300	Not Detected	104	70 - 130		
Matrix Spike	Anthracene	0.327	0.010	mg/kg	0.300	Not Detected	109	70 - 130		
Matrix Spike	Benz(a)anthracene	0.133	0.010	mg/kg	0.300	Not Detected	44.3	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.275	0.010	mg/kg	0.300	Not Detected	91.7	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.220	0.010	mg/kg	0.300	Not Detected	73.3	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.234	0.010	mg/kg	0.300	Not Detected	78.0	70 - 130		
Matrix Spike	Chrysene	0.161	0.010	mg/kg	0.300	Not Detected	53.7	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.202	0.010	mg/kg	0.300	Not Detected	67.3	70 - 130		
Matrix Spike	Fluoranthene	0.209	0.010	mg/kg	0.300	Not Detected	69.7	70 - 130		
Matrix Spike	Fluorene	0.304	0.010	mg/kg	0.300	Not Detected	101	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.222	0.010	mg/kg	0.300	Not Detected	74.0	70 - 130		
Matrix Spike	Naphthalene	0.337	0.010	mg/kg	0.300	Not Detected	112	70 - 130		
Matrix Spike	Pyrene	0.218	0.010	mg/kg	0.300	Not Detected	72.7	70 - 130		
AA29167										
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						



Division of Environmental Testing

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Aurora, CO 80045

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Report Date : 8/25/2025

Report Time : 14:17

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Naphthalene	Not Detected	0.010	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

AA29168

LCS	1-methylnaphthalene	0.366	0.010	mg/kg			122	70 - 130		
LCS	2-methylnaphthalene	0.357	0.010	mg/kg			119	70 - 130		
LCS	Acenaphthene	0.335	0.010	mg/kg			112	70 - 130		
LCS	Anthracene	0.347	0.010	mg/kg			116	70 - 130		
LCS	Benz(a)anthracene	0.229	0.010	mg/kg			76.3	70 - 130		
LCS	Benzo(a)pyrene	0.367	0.010	mg/kg			122	70 - 130		
LCS	Benzo(b)fluoranthene	0.355	0.010	mg/kg			118	70 - 130		
LCS	Benzo(k)fluoranthene	0.361	0.010	mg/kg			120	70 - 130		
LCS	Chrysene	0.220	0.010	mg/kg			73.3	70 - 130		
LCS	Dibenz(a,h)anthracene	0.313	0.010	mg/kg			104	70 - 130		
LCS	Fluoranthene	0.282	0.010	mg/kg			94.0	70 - 130		
LCS	Fluorene	0.328	0.010	mg/kg			109	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.301	0.010	mg/kg			100	70 - 130		
LCS	Naphthalene	0.338	0.010	mg/kg			113	70 - 130		
LCS	Pyrene	0.279	0.010	mg/kg			93.0	70 - 130		

AA29169

LCS	1-methylnaphthalene	0.352	0.010	mg/kg			117	70 - 130		
LCS	2-methylnaphthalene	0.341	0.010	mg/kg			114	70 - 130		
LCS	Acenaphthene	0.326	0.010	mg/kg			109	70 - 130		
LCS	Anthracene	0.327	0.010	mg/kg			109	70 - 130		
LCS	Benz(a)anthracene	0.264	0.010	mg/kg			88.0	70 - 130		
LCS	Benzo(a)pyrene	0.331	0.010	mg/kg			110	70 - 130		
LCS	Benzo(b)fluoranthene	0.359	0.010	mg/kg			120	70 - 130		
LCS	Benzo(k)fluoranthene	0.358	0.010	mg/kg			119	70 - 130		
LCS	Chrysene	0.238	0.010	mg/kg			79.3	70 - 130		
LCS	Dibenz(a,h)anthracene	0.322	0.010	mg/kg			107	70 - 130		
LCS	Fluoranthene	0.292	0.010	mg/kg			97.3	70 - 130		
LCS	Fluorene	0.307	0.010	mg/kg			102	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.301	0.010	mg/kg			100	70 - 130		
LCS	Naphthalene	0.346	0.010	mg/kg			115	70 - 130		
LCS	Pyrene	0.298	0.010	mg/kg			99.3	70 - 130		

VOC S-10875

AA28194

Dup	1,2,4-trimethylbenzene	0.034	0.0016	mg/kg		<0.0016			47.3	- 30
Dup	1,3,5-trimethylbenzene	0.032	0.0015	mg/kg		<0.0015			37.0	- 30
Dup	Benzene	0.043	0.0015	mg/kg		Not Detected			22.7	- 30
Dup	Ethylbenzene	0.047	0.0014	mg/kg		<0.0014			16.1	- 30
Dup	Gasoline Range Organic	6.50	0.223	mg/kg		Not Detected			40.0	
Dup	m&p- xylene	0.112	0.0029	mg/kg		<0.0029			20.7	- 30
Dup	o-xylene	0.045	0.0014	mg/kg		<0.0014			19.5	- 30
Dup	Toluene	0.049	0.0016	mg/kg		<0.0016			2.06	- 30
Dup	Xylenes, total	0.157	0.0043	mg/kg		<0.0043			20.4	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.021		mg/kg	0.050	<0.0016	42.0	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/25/2025

Report Time : 14:17

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	1,3,5-trimethylbenzene	0.022		mg/kg	0.050	<0.0015	44.0	70 - 130		
Matrix Spike	Benzene	0.054		mg/kg	0.050	Not Detected	108	70 - 130		
Matrix Spike	Ethylbenzene	0.040		mg/kg	0.050	<0.0014	80.0	70 - 130		
Matrix Spike	Gasoline Range Organics	0.75		mg/kg	2.54	Not Detected	29.5			
Matrix Spike	m&p- xylene	0.091		mg/kg	0.100	<0.0029	91.0	70 - 130		
Matrix Spike	o-xylene	0.037		mg/kg	0.050	<0.0014	74.0	70 - 130		
Matrix Spike	Toluene	0.048		mg/kg	0.050	<0.0016	96.0	70 - 130		
Matrix Spike	Xylenes, total	0.128		mg/kg	0.150	<0.0043	85.3	70 - 130		

AA29222

MB	1,2,4-trimethylbenzene	<0.0016		mg/kg						
MB	1,3,5-trimethylbenzene	<0.0015		mg/kg						
MB	Benzene	Not Detected		mg/kg						
MB	Ethylbenzene	Not Detected		mg/kg						
MB	Gasoline Range Organics	0.223		mg/kg						
MB	m&p- xylene	<0.0029		mg/kg						
MB	o-xylene	<0.0014		mg/kg						
MB	Toluene	<0.0015		mg/kg						
MB	Xylenes, total	<0.0043		mg/kg						

AA29223

LCS	1,2,4-trimethylbenzene	0.062		mg/kg			124	70 - 130		
LCS	1,3,5-trimethylbenzene	0.064		mg/kg			128	70 - 130		
LCS	Benzene	0.053		mg/kg			106	70 - 130		
LCS	Ethylbenzene	0.061		mg/kg			122	70 - 130		
LCS	Gasoline Range Organics	0.94		mg/kg			76.4			
LCS	m&p- xylene	0.129		mg/kg			129	70 - 130		
LCS	o-xylene	0.058		mg/kg			116	70 - 130		
LCS	Toluene	0.054		mg/kg			108	70 - 130		
LCS	Xylenes, total	0.187		mg/kg			125	70 - 130		

AA29224

LCS	1,2,4-trimethylbenzene	0.064		mg/kg			128	70 - 130		
LCS	1,3,5-trimethylbenzene	0.063		mg/kg			126	70 - 130		
LCS	Benzene	0.054		mg/kg			108	70 - 130		
LCS	Ethylbenzene	0.062		mg/kg			124	70 - 130		
LCS	Gasoline Range Organics	0.99		mg/kg			78.3			
LCS	m&p- xylene	0.130		mg/kg			130	70 - 130		
LCS	o-xylene	0.059		mg/kg			118	70 - 130		
LCS	Toluene	0.055		mg/kg			110	70 - 130		
LCS	Xylenes, total	0.189		mg/kg			126	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/25/2025

Report Time : 14:17

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

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.
EST	The concentration indicated has been estimated due to high analyte content.
E	Electronic loss or corruption of data.
I	Subcontracted sample



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

August 25, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason
Project Name : CIT.CO.1054
Project Number : 1054

Attached are the analytical results for CIT.CO.1054 1054 received by Elevation Diagnostics, Division of Environmental Testing on August 01, 2025. This is associated with Elevation's number AA28217 .

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

Client: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, Wyoming 82834
 Phone: (307) 262-8975, (970) 381-7363
 Project Contact: Joel Mason

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

Project Name/Number: CIT.CO.1054
 Project Location: McCormick 24-3 #6
 Collector Name: D. Sundstedt

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested				Interim report requested	
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full Suite	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No			
1	MC24-3_16-1@2'	7/31/25	10:55	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Notes Table 915 Full Suite PH, EG, SAR only HOLD remaining until data reviewed by AED
2	MC24-3_16-1@5'	7/31/25	10:56	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
3	MC24-3_17-1@2'	7/31/25	11:00	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
4	MC24-3_17-1@5'	7/31/25	11:01	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
5	MC24-3_04-1@2'	7/31/25	11:05	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
6	MC24-3_04-1@5'	7/31/25	11:06	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
7	MC24-3_08-1@2'	7/31/25	11:10	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
8	MC24-3_08-1@5'	7/31/25	11:11	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
9	MC24-3_13-1@2'	7/31/25	11:15	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					
10	MC24-3_13-1@5'	7/31/25	11:16	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					

Relinquished By: <u>dy</u>	Relinquished By:	Relinquished By:	Scan to Deliver Samples
Date/Time: <u>8/1/25 10:00</u>	Date/Time:	Date/Time:	
Lab Use Only	Observed Temperature Upon Receipt: <u>1.4°C</u>	Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No	2025-08-04-014 Lot/EQM Number: No N/A Name/Lot Number of Adjustment:
	Corrected Temperature Upon Receipt: <u>1.1°C</u>	pH Checked: <input checked="" type="radio"/> Yes <input type="radio"/> No	
	Thermometer #: <u>EDX EQ 351</u>	pH Adjusted: <input checked="" type="radio"/> Yes <input type="radio"/> No	
	Correction Factor: <u>-0.3°C</u>	PFAS rec'd on ice: <input checked="" type="radio"/> Yes <input type="radio"/> No	

EFOR-008.005

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
 800-440-5184

Report Date : 8/25/2025

Report Time : 14:18

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA28217-1	MC24-3_16-1@2'	Collected : 07/31/2025 10:55					
EC & pH soil by saturated paste - EC, soil		08/07/2025	16:29	3.88	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		08/07/2025	16:29	22.30	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		08/07/2025	16:29	8.47	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		08/08/2025	08:51 10.00	2.17	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		08/08/2025	08:51 10.00	1.44	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		08/08/2025	08:51 10.00	27.23	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		08/08/2025	08:51 10.00	20.28	No Unit		EPA 6020B
AA28217-2	MC24-3_16-1@2'	Collected : 07/31/2025 10:55					
Chromium VI, Soil		08/15/2025	09:03	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		08/20/2025	12:57	1.19	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		08/20/2025	09:47 10.00	3.93	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		08/20/2025	09:47 10.00	184.42	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		08/20/2025	09:47 10.00	0.13	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		08/20/2025	09:47 10.00	10.36	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		08/20/2025	09:47 10.00	8.20	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		08/20/2025	09:47 10.00	7.55	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		08/20/2025	09:47 10.00	1.42	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		08/20/2025	09:47 10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		08/20/2025	09:47 10.00	29.71	mg/kg	0.025	EPA 6020B
AA28217-3	MC24-3_16-1@2'	Collected : 07/31/2025 10:55					
DRO & ORO, Soil - DRO		08/20/2025	00:00	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		08/20/2025	00:00	Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		08/18/2025	00:00	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		08/18/2025	00:00	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		08/18/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		08/21/2025	10:45	<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		08/21/2025	10:45	<0.0015	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene		08/21/2025	10:45	Not Detected	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene		08/21/2025	10:45	<0.0014	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics		08/21/2025	10:45	Not Detected	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene		08/21/2025	10:45	<0.0029	mg/kg	0.0029	EPA 8260d



Division of Environmental Testing

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

Report Date : 8/25/2025

Report Time : 14:18

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
VOC, Soils - o-xylene		08/21/2025 10:45		<0.0014	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene		08/21/2025 10:45		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		08/21/2025 10:45		<0.0043	mg/kg	0.0043	EPA 8260d

AA28218-1 MC24-3_16-1@5' **Collected :** 07/31/2025 10:56

EC & pH soil by saturated paste - EC, soil	08/07/2025 16:29		9.13	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	08/07/2025 16:29		22.20	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	08/07/2025 16:29		8.16	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	08/08/2025 08:51	10.00	15.55	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	08/08/2025 08:51	10.00	8.42	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	08/08/2025 08:51	10.00	65.21	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	08/08/2025 08:51	10.00	18.84	No Unit		EPA 6020B

AA28219-1 MC24-3_17-1@2' **Collected :** 07/31/2025 11:00

EC & pH soil by saturated paste - EC, soil	08/07/2025 16:29		9.76	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	08/07/2025 16:29		22.20	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	08/07/2025 16:29		8.15	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	08/08/2025 08:51	10.00	21.05	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	08/08/2025 08:51	10.00	11.31	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	08/08/2025 08:51	10.00	69.52	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	08/08/2025 08:51	10.00	17.28	No Unit		EPA 6020B

AA28220-1 MC24-3_17-1@5' **Collected :** 07/31/2025 11:01

EC & pH soil by saturated paste - EC, soil	08/07/2025 16:29		16.48	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	08/07/2025 16:29		22.00	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	08/07/2025 16:29		8.37	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	08/08/2025 08:51	10.00	19.32	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	08/08/2025 08:51	10.00	15.60	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	08/08/2025 08:51	10.00	126.64	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	08/08/2025 08:51	10.00	30.31	No Unit		EPA 6020B

AA28221-1 MC24-3_04-1@2' **Collected :** 07/31/2025 11:05

EC & pH soil by saturated paste - EC, soil	08/07/2025 16:29		10.94	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature	08/07/2025 16:29		22.00	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil	08/07/2025 16:29		8.21	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium	08/08/2025 08:51	10.00	22.45	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium	08/08/2025 08:51	10.00	13.88	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium	08/08/2025 08:51	10.00	79.29	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio	08/08/2025 08:51	10.00	18.60	No Unit		EPA 6020B

AA28222-1 MC24-3_04-1@5' **Collected :** 07/31/2025 11:06



Division of Environmental Testing

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

Report Date : 8/25/2025

Report Time : 14:18

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start	Recovery					
EC & pH soil by saturated paste - EC, soil		08/07/2025 16:29		12.60	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		08/07/2025 16:29		21.90	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		08/07/2025 16:29		8.22	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		08/08/2025 08:51	10.00	22.07	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		08/08/2025 08:51	10.00	14.50	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		08/08/2025 08:51	10.00	104.17	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		08/08/2025 08:51	10.00	24.36	No Unit		EPA 6020B

AA28223-1 MC24-3_08-1@2' **Collected :** 07/31/2025 11:10

EC & pH soil by saturated paste - EC, soil		08/07/2025 16:29		6.75	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		08/07/2025 16:29		21.90	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		08/07/2025 16:29		8.43	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		08/08/2025 08:51	10.00	4.96	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		08/08/2025 08:51	10.00	5.53	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		08/08/2025 08:51	10.00	47.63	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		08/08/2025 08:51	10.00	20.79	No Unit		EPA 6020B

AA28224-1 MC24-3_08-1@5' **Collected :** 07/31/2025 11:11

EC & pH soil by saturated paste - EC, soil		08/07/2025 16:29		10.05	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		08/07/2025 16:29		22.10	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		08/07/2025 16:29		8.08	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		08/08/2025 08:51	10.00	21.87	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		08/08/2025 08:51	10.00	12.93	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		08/08/2025 08:51	10.00	66.64	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		08/08/2025 08:51	10.00	15.98	No Unit		EPA 6020B

AA28225-1 MC24-3_13-1@2' **Collected :** 07/31/2025 11:15

EC & pH soil by saturated paste - EC, soil		08/07/2025 16:36		0.36	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		08/07/2025 16:36		21.50	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		08/07/2025 16:36		8.48	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		08/08/2025 08:51	10.00	0.82	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		08/08/2025 08:51	10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		08/08/2025 08:51	10.00	1.39	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		08/08/2025 08:51	10.00	1.79	No Unit		EPA 6020B

AA28225-2 MC24-3_13-1@2' **Collected :** 07/31/2025 11:15

Chromium VI, Soil		08/15/2025 09:03		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		08/20/2025 12:57		0.16	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		08/20/2025 09:47	10.00	3.50	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		08/20/2025 09:47	10.00	298.84	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		08/20/2025 09:47	10.00	0.10	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		08/20/2025 09:47	10.00	7.21	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		08/20/2025 09:47	10.00	6.93	mg/kg	0.025	EPA 6020B



Division of Environmental Testing

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

Report Date : 8/25/2025

Report Time : 14:18

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Total Metals, Soils - Nickel		08/20/2025 09:47	10.00	5.72	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		08/20/2025 09:47	10.00	1.38	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		08/20/2025 09:47	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		08/20/2025 09:47	10.00	25.94	mg/kg	0.025	EPA 6020B
AA28225-3	MC24-3_13-1@2'	Collected : 07/31/2025 11:15					
DRO & ORO, Soil - DRO		08/20/2025 00:00		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		08/20/2025 00:00		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		08/18/2025 00:00		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		08/18/2025 00:00		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		08/21/2025 10:45		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		08/21/2025 10:45		<0.0015	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene		08/21/2025 10:45		Not Detected	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene		08/21/2025 10:45		<0.0014	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics		08/21/2025 10:45		Not Detected	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene		08/21/2025 10:45		<0.0029	mg/kg	0.0029	EPA 8260d
VOC, Soils - o-xylene		08/21/2025 10:45		<0.0014	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene		08/21/2025 10:45		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		08/21/2025 10:45		<0.0043	mg/kg	0.0043	EPA 8260d

AA28226-1 MC24-3_13-1@5' **Collected :** 07/31/2025 11:16

EC & pH soil by saturated paste - EC, soil		08/07/2025 16:36		3.40	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		08/07/2025 16:36		22.30	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		08/07/2025 16:36		7.81	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		08/08/2025 08:51	10.00	25.95	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		08/08/2025 08:51	10.00	7.58	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		08/08/2025 08:51	10.00	5.07	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		08/08/2025 08:51	10.00	1.24	No Unit		EPA 6020B

AA28226-2 MC24-3_13-1@5' **Collected :** 07/31/2025 11:16

Chromium VI, Soil		08/15/2025 09:03		<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		08/20/2025 12:57		0.41	mg/kg	0.050	Boron Hot Water Extraction



Division of Environmental Testing

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Report Date : 8/25/2025

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
Total Metals, Soils - Arsenic		08/20/2025 09:47	10.00	3.80	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		08/20/2025 09:47	10.00	174.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		08/20/2025 09:47	10.00	0.14	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		08/20/2025 09:47	10.00	7.91	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		08/20/2025 09:47	10.00	7.79	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		08/20/2025 09:47	10.00	7.11	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		08/20/2025 09:47	10.00	1.53	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		08/20/2025 09:47	10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		08/20/2025 09:47	10.00	30.20	mg/kg	0.025	EPA 6020B
AA28226-3	MC24-3_13-1@5'	Collected : 07/31/2025	11:16				
DRO & ORO, Soil - DRO		08/20/2025 00:00		Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		08/20/2025 00:00		Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		08/18/2025 00:00		Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		08/18/2025 00:00		Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		08/18/2025 00:00		Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		08/21/2025 10:45		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - 1,3,5-trimethylbenzene		08/21/2025 10:45		<0.0015	mg/kg	0.0015	EPA 8260d
VOC, Soils - Benzene		08/21/2025 10:45		Not Detected	mg/kg	0.0015	EPA 8260d
VOC, Soils - Ethylbenzene		08/21/2025 10:45		<0.0014	mg/kg	0.0014	EPA 8260d
VOC, Soils - Gasoline Range Organics		08/21/2025 10:45		Not Detected	mg/kg	0.223	EPA 8260d
VOC, Soils - m&p- xylene		08/21/2025 10:45		<0.0029	mg/kg	0.0029	EPA 8260d
VOC, Soils - o-xylene		08/21/2025 10:45		<0.0014	mg/kg	0.0014	EPA 8260d
VOC, Soils - Toluene		08/21/2025 10:45		<0.0016	mg/kg	0.0016	EPA 8260d
VOC, Soils - Xylenes, total		08/21/2025 10:45		<0.0043	mg/kg	0.0043	EPA 8260d



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

FINAL RESULTS REPORT

Report Date : 8/25/2025

Report Time : 14:18

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-10954										
DUP	AA28194	0.10	0.050	mg/kg					9.5	-15 - 15
MB	AA29495	0.00		mg/kg						
LCS	AA29496	0.95		mg/kg	1.00		95.0	80 - 120		
LCS	AA29497	9.70		mg/kg	9.00		108	80 - 120		
CHROM_VI_SOIL-10871										
DUP	AA28197	<0.08	0.080	mg/kg						
MB	AA29203	0.00		mg/kg						
LCS	AA29205	1.68		mg/kg	1.57		107	80 - 120		
LCS	AA29206	1.68		mg/kg	1.61		104	80 - 120		



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Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO ORO SOIL-10931										
AA28769										
Dup	DRO	289.90				Not Detected			14.9	- 30
Dup	ORO	321.54				Not Detected			0.599	- 50
Matrix Spike	DRO	336.48		mg/kg	350.00	Not Detected	96.1	70 - 130		
Matrix Spike	ORO	319.62		mg/kg	350.00	Not Detected	91.3	50 - 150		
AA29381										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA29382										
LCS	DRO	353.08		mg/kg			101	70 - 130		
LCS	ORO	327.04		mg/kg			93.4	50 - 150		
AA29383										
LCS	DRO	355.88		mg/kg			102	70 - 130		
LCS	ORO	333.95		mg/kg			95.4	50 - 150		
EC PH-10678										
AA28215										
Dup	EC, soil	1.34	0.0005	mmhos/cm		1.35			0.743	- 5
Dup	pH soil Temperature	22.80		°C		22.20				
Dup	pH, soil	7.70	0.01	SU		7.70			<%MDL%	- 5
AA28588										
LCS	EC, soil	10.13	0.0005	mmhos/cm			101	85 - 115		
LCS	pH, soil	6.86	0.01	SU			100	85 - 115		
AA28589										
LCS	EC, soil	9.86	0.0005	mmhos/cm			98.6	85 - 115		
LCS	pH, soil	6.86	0.01	SU			100	85 - 115		
EC PH-10679										
AA28225										
Dup	EC, soil	0.36	0.0005	mmhos/cm		0.36			<%MDL%	- 5
Dup	pH soil Temperature	22.00		°C		21.50				
Dup	pH, soil	8.47	0.01	SU		8.48			0.118	- 5
AA28591										
LCS	EC, soil	9.90	0.0005	mmhos/cm			99.0	85 - 115		
LCS	pH, soil	6.86	0.01	SU			100	85 - 115		
AA28592										
LCS	EC, soil	10.13	0.0005	mmhos/cm			101	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		
METALS S-10818										
AA28777										
Dup	Arsenic	5.28	0.025	mg/kg		5.27			0.190	0 - 15
Dup	Barium	136.10	0.025	mg/kg		132.41			2.75	0 - 15
Dup	Cadmium	0.27	0.001	mg/kg		0.26			3.77	0 - 15
Dup	Copper	11.76	0.025	mg/kg		11.69			0.597	0 - 15
Dup	Lead	11.60	0.025	mg/kg		11.39			1.83	0 - 15
Dup	Nickel	10.52	0.025	mg/kg		10.33			1.82	0 - 15



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Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Selenium	2.47	0.025	mg/kg		2.56			3.58	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	42.25	0.025	mg/kg		42.03			0.522	0 - 15
Matrix Spike	Arsenic	24.61		mg/kg	20	5.27	96.7	80 - 120		
Matrix Spike	Barium	154.47		mg/kg	20	132.41	110	80 - 120		
Matrix Spike	Cadmium	18.11		mg/kg	20	0.26	89.2	80 - 120		
Matrix Spike	Copper	28.98		mg/kg	20	11.69	86.4	80 - 120		
Matrix Spike	Lead	30.73		mg/kg	20	11.39	96.7	80 - 120		
Matrix Spike	Nickel	28.05		mg/kg	20	10.33	88.6	80 - 120		
Matrix Spike	Selenium	22.91		mg/kg	20	2.56	102	80 - 120		
Matrix Spike	Silver	16.65		mg/kg	20	<0.25	83.2	80 - 120		
Matrix Spike	Zinc	63.94		mg/kg	20	42.03	110	80 - 120		

AA28822

Dup	Arsenic	4.04	0.025	mg/kg		4.42			8.98	0 - 15
Dup	Barium	195.83	0.025	mg/kg		221.17			12.2	0 - 15
Dup	Cadmium	0.17	0.001	mg/kg		0.18			5.71	0 - 15
Dup	Copper	6.96	0.025	mg/kg		7.83			11.8	0 - 15
Dup	Lead	7.96	0.025	mg/kg		8.31			4.30	0 - 15
Dup	Nickel	7.95	0.025	mg/kg		8.50			6.69	0 - 15
Dup	Selenium	1.79	0.025	mg/kg		1.94			8.04	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	29.77	0.025	mg/kg		31.48			5.58	0 - 15
Matrix Spike	Arsenic	23.04		mg/kg	20	4.42	93.1	80 - 120		
Matrix Spike	Barium	242.81		mg/kg	20	221.17	108	80 - 120		
Matrix Spike	Cadmium	18.15		mg/kg	20	0.18	89.8	80 - 120		
Matrix Spike	Copper	24.27		mg/kg	20	7.83	82.2	80 - 120		
Matrix Spike	Lead	27.67		mg/kg	20	8.31	96.8	80 - 120		
Matrix Spike	Nickel	25.36		mg/kg	20	8.50	84.3	80 - 120		
Matrix Spike	Selenium	22.13		mg/kg	20	1.94	101	80 - 120		
Matrix Spike	Silver	16.68		mg/kg	20	<0.25	83.4	80 - 120		
Matrix Spike	Zinc	51.24		mg/kg	20	31.48	98.8	80 - 120		

AA29039

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						

AA29041

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		



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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	0.10		mg/kg			100	80 - 120		

AA29042

LCS	Arsenic	0.09		mg/kg			90.0	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.10		mg/kg			100	80 - 120		
LCS	Copper	0.09		mg/kg			90.0	80 - 120		
LCS	Lead	0.10		mg/kg			100	80 - 120		
LCS	Nickel	0.09		mg/kg			90.0	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.10		mg/kg			100	80 - 120		
LCS	Zinc	0.09		mg/kg			90.0	80 - 120		

SAR-10697

AA28215

Dup	Calcium	37.20		mEq/L	4.31	38.84			4.31	-20
Dup	Magnesium	9.06		mEq/L	4.95	9.52			4.95	-20
Dup	Sodium	62.53		mEq/L	5.66	66.17			5.66	-20
Dup	Sodium Adsorption Ratio	3.00		mEq/L	3.48	13.46			3.48	-20

AA28225

Dup	Calcium	0.74		mEq/L	10.3	0.82			10.3	-20
Dup	Magnesium	<0.82		mEq/L	<0.82	<0.82				
Dup	Sodium	1.22		mEq/L	13.0	1.39			13.0	-20
Dup	Sodium Adsorption Ratio	1.64		mEq/L	8.75	1.79			8.75	-20

AA28281

Dup	Calcium	2.29		mEq/L	7.71	2.12			7.71	-20
Dup	Magnesium	1.56		mEq/L	9.40	1.42			9.40	-20
Dup	Sodium	0.55		mEq/L	3.70	0.53			3.70	-20
Dup	Sodium Adsorption Ratio	0.40		mEq/L	<%MDL%	0.40			<%MDL%	-20

AA28322

Dup	Calcium	1.02		mEq/L	1.02	1.00			1.98	-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	0.29		mEq/L	0.29	0.30			3.39	-20

AA28336

Dup	Calcium	1.88		mEq/L	1.88	1.94			3.14	-20
Dup	Magnesium	0.86		mEq/L	0.86	0.88			2.30	-20
Dup	Sodium	0.47		mEq/L	0.47	0.47			<%MDL%	-20
Dup	Sodium Adsorption Ratio	0.40		mEq/L	0.40	0.40			<%MDL%	-20

AA28625

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



Division of Environmental Testing

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Report Date : 8/25/2025

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FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
AA28626										
LCS	Calcium	8.53		ppm			85.3	80 - 120		
LCS	Magnesium	8.73		ppm			87.3	80 - 120		
LCS	Sodium	8.76		ppm			87.6	80 - 120		
LCS	Sodium Adsorption Ratio	0.50		ppm			92.6	80 - 120		
AA28627										
LCS	Calcium	448.44		ppm			89.7	80 - 120		
LCS	Magnesium	402.20		ppm			80.4	80 - 120		
LCS	Sodium	404.86		ppm			81.0	80 - 120		
LCS	Sodium Adsorption Ratio	3.34		ppm			88.4	80 - 120		

SVOC SOIL-10857

AA28194										
Dup	1-methylnaphthalene	0.357	0.010	mg/kg		Not Detected			6.96	-30
Dup	2-methylnaphthalene	0.331	0.010	mg/kg		Not Detected			6.55	-30
Dup	Acenaphthene	0.339	0.010	mg/kg		Not Detected			8.62	-30
Dup	Anthracene	0.391	0.010	mg/kg		Not Detected			17.8	-30
Dup	Benz(a)anthracene	0.191	0.010	mg/kg		Not Detected			35.8	-30
Dup	Benzo(a)pyrene	0.336	0.010	mg/kg		Not Detected			20.0	-30
Dup	Benzo(b)fluoranthene	0.257	0.010	mg/kg		Not Detected			15.5	-30
Dup	Benzo(k)fluoranthene	0.266	0.010	mg/kg		Not Detected			12.8	-30
Dup	Chrysene	0.187	0.010	mg/kg		Not Detected			14.9	-30
Dup	Dibenz(a,h)anthracene	0.239	0.010	mg/kg		Not Detected			16.8	-30
Dup	Fluoranthene	0.239	0.010	mg/kg		Not Detected			13.4	-30
Dup	Fluorene	0.334	0.010	mg/kg		Not Detected			9.40	-30
Dup	Indeno(1,2,3-cd)pyrene	0.250	0.010	mg/kg		Not Detected			11.9	-30
Dup	Naphthalene	0.358	0.010	mg/kg		Not Detected			6.04	-30
Dup	Pyrene	0.258	0.010	mg/kg		Not Detected			16.8	-30
Matrix Spike	1-methylnaphthalene	0.333	0.010	mg/kg	0.300	Not Detected	111	70 - 130		
Matrix Spike	2-methylnaphthalene	0.310	0.010	mg/kg	0.300	Not Detected	103	70 - 130		
Matrix Spike	Acenaphthene	0.311	0.010	mg/kg	0.300	Not Detected	104	70 - 130		
Matrix Spike	Anthracene	0.327	0.010	mg/kg	0.300	Not Detected	109	70 - 130		
Matrix Spike	Benz(a)anthracene	0.133	0.010	mg/kg	0.300	Not Detected	44.3	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.275	0.010	mg/kg	0.300	Not Detected	91.7	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.220	0.010	mg/kg	0.300	Not Detected	73.3	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.234	0.010	mg/kg	0.300	Not Detected	78.0	70 - 130		
Matrix Spike	Chrysene	0.161	0.010	mg/kg	0.300	Not Detected	53.7	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.202	0.010	mg/kg	0.300	Not Detected	67.3	70 - 130		
Matrix Spike	Fluoranthene	0.209	0.010	mg/kg	0.300	Not Detected	69.7	70 - 130		
Matrix Spike	Fluorene	0.304	0.010	mg/kg	0.300	Not Detected	101	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.222	0.010	mg/kg	0.300	Not Detected	74.0	70 - 130		
Matrix Spike	Naphthalene	0.337	0.010	mg/kg	0.300	Not Detected	112	70 - 130		
Matrix Spike	Pyrene	0.218	0.010	mg/kg	0.300	Not Detected	72.7	70 - 130		

AA29167										
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						



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/25/2025

Report Time : 14:18

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

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						

AA29168

LCS	1-methylnaphthalene	0.366	0.010	mg/kg			122	70 - 130		
LCS	2-methylnaphthalene	0.357	0.010	mg/kg			119	70 - 130		
LCS	Acenaphthene	0.335	0.010	mg/kg			112	70 - 130		
LCS	Anthracene	0.347	0.010	mg/kg			116	70 - 130		
LCS	Benz(a)anthracene	0.229	0.010	mg/kg			76.3	70 - 130		
LCS	Benzo(a)pyrene	0.367	0.010	mg/kg			122	70 - 130		
LCS	Benzo(b)fluoranthene	0.355	0.010	mg/kg			118	70 - 130		
LCS	Benzo(k)fluoranthene	0.361	0.010	mg/kg			120	70 - 130		
LCS	Chrysene	0.220	0.010	mg/kg			73.3	70 - 130		
LCS	Dibenz(a,h)anthracene	0.313	0.010	mg/kg			104	70 - 130		
LCS	Fluoranthene	0.282	0.010	mg/kg			94.0	70 - 130		
LCS	Fluorene	0.328	0.010	mg/kg			109	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.301	0.010	mg/kg			100	70 - 130		
LCS	Naphthalene	0.338	0.010	mg/kg			113	70 - 130		
LCS	Pyrene	0.279	0.010	mg/kg			93.0	70 - 130		

AA29169

LCS	1-methylnaphthalene	0.352	0.010	mg/kg			117	70 - 130		
LCS	2-methylnaphthalene	0.341	0.010	mg/kg			114	70 - 130		
LCS	Acenaphthene	0.326	0.010	mg/kg			109	70 - 130		
LCS	Anthracene	0.327	0.010	mg/kg			109	70 - 130		
LCS	Benz(a)anthracene	0.264	0.010	mg/kg			88.0	70 - 130		
LCS	Benzo(a)pyrene	0.331	0.010	mg/kg			110	70 - 130		
LCS	Benzo(b)fluoranthene	0.359	0.010	mg/kg			120	70 - 130		
LCS	Benzo(k)fluoranthene	0.358	0.010	mg/kg			119	70 - 130		
LCS	Chrysene	0.238	0.010	mg/kg			79.3	70 - 130		
LCS	Dibenz(a,h)anthracene	0.322	0.010	mg/kg			107	70 - 130		
LCS	Fluoranthene	0.292	0.010	mg/kg			97.3	70 - 130		
LCS	Fluorene	0.307	0.010	mg/kg			102	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.301	0.010	mg/kg			100	70 - 130		
LCS	Naphthalene	0.346	0.010	mg/kg			115	70 - 130		
LCS	Pyrene	0.298	0.010	mg/kg			99.3	70 - 130		

VOC S-10875

AA28194



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 8/25/2025

Report Time : 14:18

FINAL RESULTS REPORT

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	1,2,4-trimethylbenzene	0.034	0.0016	mg/kg		<0.0016			47.3	- 30
Dup	1,3,5-trimethylbenzene	0.032	0.0015	mg/kg		<0.0015			37.0	- 30
Dup	Benzene	0.043	0.0015	mg/kg		Not Detected			22.7	- 30
Dup	Ethylbenzene	0.047	0.0014	mg/kg		<0.0014			16.1	- 30
Dup	Gasoline Range Organics	0.50	0.223	mg/kg		Not Detected			40.0	
Dup	m&p- xylene	0.112	0.0029	mg/kg		<0.0029			20.7	- 30
Dup	o-xylene	0.045	0.0014	mg/kg		<0.0014			19.5	- 30
Dup	Toluene	0.049	0.0016	mg/kg		<0.0016			2.06	- 30
Dup	Xylenes, total	0.157	0.0043	mg/kg		<0.0043			20.4	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.021		mg/kg	0.050	<0.0016	42.0	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.022		mg/kg	0.050	<0.0015	44.0	70 - 130		
Matrix Spike	Benzene	0.054		mg/kg	0.050	Not Detected	108	70 - 130		
Matrix Spike	Ethylbenzene	0.040		mg/kg	0.050	<0.0014	80.0	70 - 130		
Matrix Spike	Gasoline Range Organics	0.75		mg/kg	2.54	Not Detected	29.5			
Matrix Spike	m&p- xylene	0.091		mg/kg	0.100	<0.0029	91.0	70 - 130		
Matrix Spike	o-xylene	0.037		mg/kg	0.050	<0.0014	74.0	70 - 130		
Matrix Spike	Toluene	0.048		mg/kg	0.050	<0.0016	96.0	70 - 130		
Matrix Spike	Xylenes, total	0.128		mg/kg	0.150	<0.0043	85.3	70 - 130		

AA29222

MB	1,2,4-trimethylbenzene	<0.0016		mg/kg						
MB	1,3,5-trimethylbenzene	<0.0015		mg/kg						
MB	Benzene	Not Detected		mg/kg						
MB	Ethylbenzene	Not Detected		mg/kg						
MB	Gasoline Range Organics	0.223		mg/kg						
MB	m&p- xylene	<0.0029		mg/kg						
MB	o-xylene	<0.0014		mg/kg						
MB	Toluene	<0.0015		mg/kg						
MB	Xylenes, total	<0.0043		mg/kg						

AA29223

LCS	1,2,4-trimethylbenzene	0.062		mg/kg			124	70 - 130		
LCS	1,3,5-trimethylbenzene	0.064		mg/kg			128	70 - 130		
LCS	Benzene	0.053		mg/kg			106	70 - 130		
LCS	Ethylbenzene	0.061		mg/kg			122	70 - 130		
LCS	Gasoline Range Organics	0.94		mg/kg			76.4			
LCS	m&p- xylene	0.129		mg/kg			129	70 - 130		
LCS	o-xylene	0.058		mg/kg			116	70 - 130		
LCS	Toluene	0.054		mg/kg			108	70 - 130		
LCS	Xylenes, total	0.187		mg/kg			125	70 - 130		

AA29224

LCS	1,2,4-trimethylbenzene	0.064		mg/kg			128	70 - 130		
LCS	1,3,5-trimethylbenzene	0.063		mg/kg			126	70 - 130		
LCS	Benzene	0.054		mg/kg			108	70 - 130		
LCS	Ethylbenzene	0.062		mg/kg			124	70 - 130		
LCS	Gasoline Range Organics	0.99		mg/kg			78.3			
LCS	m&p- xylene	0.130		mg/kg			130	70 - 130		
LCS	o-xylene	0.059		mg/kg			118	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

FINAL RESULTS REPORT

Report Date : 8/25/2025

Report Time : 14:18

Project Manager: Joel Mason

Project Name: CIT.CO.1054

Project Number: 1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Toluene	0.055		mg/kg			110	70 - 130		
LCS	Xylenes, total	0.189		mg/kg			126	70 - 130		



Division of Environmental Testing

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

September 29, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason/Todd Mayo

Project Name : CIT.CO.1054

Project Number : N/A

Attached are the analytical results for CIT.CO.1054 N/A received by Elevation Diagnostics, Division of Environmental Testing on August 29, 2025. This is associated with Elevation's number AA30628 .

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

RE: Sample Questions

From Joel Mason <joel.mason@absarokasolutions.com>

Date Wed 9/3/2025 10:44 AM

To Stephanie Aldrich <Stephanie@elevationdiagnostics.com>; Todd Mayo <Todd.mayo@absarokasolutions.com>; Bryen McConnell <bryen.mcconnell@absarokasolutions.com>; Kylie Schelhaas <kylie.schelhaas@absarokasolutions.com>

Cc Dylan Johnson <dylan@elevationdiagnostics.com>; Allie Sholk <allie@elevationdiagnostics.com>

 8 attachments (2 MB)

2025_08_27_CIT_AU_Sec28_Elevations_COC_SS07P@12'.pdf; 2025_08_26_CIT_AU_Sec28_Elevation_COC_BGSS.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_04-2@2'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_04-2@5'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_08-2@2'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_08-2@5'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_17-2@2'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_17-2@5'.pdf;

Hi Stephanie,

Thank you for your diligence on this!

We would like to run pH, EC, SAR and then hold remaining 915 parameters pending review for all the McCormick 24-3 samples from 8/27.

I have attached updated CoCs.

If possible, we would also like to run pH, EC, SAR and then hold remaining 915 parameters pending review for all Arapahoe Unit TB SEC 28 samples from 8/27, except for sample BG samples (attached CoC) which will remain REC parameters. If you can still, make that happen I will send those CoCs updated with the request. If not, just proceed with full table 915.

Thanks again!

Joel

From: Stephanie Aldrich <Stephanie@elevationdiagnostics.com>

Sent: Wednesday, September 3, 2025 9:45 AM

To: Todd Mayo <Todd.mayo@absarokasolutions.com>; Joel Mason <joel.mason@absarokasolutions.com>

Cc: Dylan Johnson <dylan@elevationdiagnostics.com>; Allie Sholk <allie@elevationdiagnostics.com>

Subject: Re: Sample Questions

Hi Todd and Joel,

Just following up on this. Let me know if you have any questions.

Thanks.

Stephanie Aldrich



Division of Environmental Testing

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

Report Date : 9/29/2025

Report Time : 15:08

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA30628-1	MC24-3_17-2@2'	Collected : 08/27/2025	13:50				
EC & pH soil by saturated paste - EC, soil		09/09/2025	16:03	0.84	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		09/09/2025	16:03	20.10	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		09/09/2025	16:03	8.54	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		09/11/2025	10:10 10.00	1.23	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		09/11/2025	10:10 10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		09/11/2025	10:10 10.00	6.61	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		09/11/2025	10:10 10.00	7.35	No Unit		EPA 6020B
AA30628-2	MC24-3_17-2@2'	Collected : 08/27/2025	13:50				
DRO & ORO, Soil - DRO		09/25/2025	07:17	<100.00 - H1, P5	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		09/25/2025	07:17	<100.00 - H1, P5	mg/kg	100.00	EPA 8015D
AA30628-3	MC24-3_17-2@2'	Collected : 08/27/2025	13:50				
Chromium VI, Soil		09/19/2025	09:23	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		09/21/2025	13:50	0.36	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		09/21/2025	15:47 10.00	6.24	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		09/21/2025	15:47 10.00	221.24	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		09/21/2025	15:47 10.00	0.17	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		09/21/2025	15:47 10.00	10.66	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		09/21/2025	15:47 10.00	10.21	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		09/21/2025	15:47 10.00	11.08	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		09/21/2025	15:47 10.00	2.74	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		09/21/2025	15:47 10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		09/21/2025	15:47 10.00	44.80	mg/kg	0.025	EPA 6020B



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 9/29/2025

Report Time : 15:08

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-11771										
DUP	AA30919	0.16	0.050	mg/kg					13.3	-15 - 15
DUP	AA31867	0.16	0.050	mg/kg					<%MDL%	-15 - 15
DUP	AA32113	0.19	0.050	mg/kg					<%MDL%	-15 - 15
MB	AA32120	0.01		mg/kg						
LCS	AA32121	1.04		mg/kg	1.00		104	80 - 120		
LCS	AA32122	9.86		mg/kg	9.00		110	80 - 120		
CHROM_VI_SOIL-11721										
DUP	AA30922	<0.08	0.080	mg/kg						
MB	AA31897	0.01		mg/kg						
LCS	AA31899	1.57		mg/kg	1.57		100	80 - 120		
LCS	AA31900	1.48		mg/kg	1.59		93.1	80 - 120		



Division of Environmental Testing

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

Report Date : 9/29/2025

Report Time : 15:08

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO ORO SOIL-11698										
AA30919										
Dup	DRO	322.30				Not Detected			8.41	- 30
Dup	ORO	378.05				Not Detected			1.45	- 50
Matrix Spike	DRO	350.59		mg/kg	350	Not Detected	100	70 - 130		
Matrix Spike	ORO	372.60		mg/kg	350	Not Detected	106	50 - 150		
AA31837										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA31838										
LCS	DRO	361.42		mg/kg			103	70 - 130		
LCS	ORO	365.21		mg/kg			104	50 - 150		
AA31839										
LCS	DRO	275.44		mg/kg			78.7	70 - 130		
LCS	ORO	350.77		mg/kg			100	50 - 150		
EC PH-11494										
AA30592										
Dup	EC, soil	3.74	0.0005	mmhos/cm		3.64			2.71	- 5
Dup	pH soil Temperature	20.40		°C		20.20				
Dup	pH, soil	7.75	0.01	SU		7.68			0.907	- 5
AA31126										
LCS	EC, soil	10.11	0.0005	mmhos/cm			101	85 - 115		
LCS	pH, soil	6.87	0.01	SU			100	85 - 115		
AA31127										
LCS	EC, soil	10.17	0.0005	mmhos/cm			102	85 - 115		
LCS	pH, soil	6.87	0.01	SU			100	85 - 115		
METALS S-11764										
AA30604										
Dup	Arsenic	4.94	0.025	mg/kg		4.86			1.63	0 - 15
Matrix Spike	Arsenic	26.79		mg/kg	20	4.86	110	80 - 120		
AA30938										
Dup	Arsenic	5.27	0.025	mg/kg		5.20			1.34	0 - 15
Dup	Barium	211.20	0.025	mg/kg		210.00			0.570	0 - 15
Dup	Cadmium	0.18	0.001	mg/kg		0.17			5.71	0 - 15
Dup	Copper	8.57	0.025	mg/kg		8.59			0.233	0 - 15
Dup	Lead	9.59	0.025	mg/kg		9.31			2.96	0 - 15
Dup	Nickel	10.39	0.025	mg/kg		10.59			1.91	0 - 15
Dup	Selenium	2.65	0.025	mg/kg		2.67			0.752	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	38.40	0.025	mg/kg		39.87			3.76	0 - 15
Matrix Spike	Arsenic	25.16		mg/kg	20	5.20	99.8	80 - 120		
Matrix Spike	Barium	231.54		mg/kg	20	210.00	108	80 - 120		
Matrix Spike	Cadmium	19.76		mg/kg	20	0.17	98.0	80 - 120		
Matrix Spike	Copper	26.66		mg/kg	20	8.59	90.4	80 - 120		
Matrix Spike	Lead	29.04		mg/kg	20	9.31	98.6	80 - 120		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 9/29/2025

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FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Nickel	28.75		mg/kg	20	10.59	90.8	80 - 120		
Matrix Spike	Selenium	25.51		mg/kg	20	2.67	114	80 - 120		
Matrix Spike	Silver	18.48		mg/kg	20	<0.25	92.4	80 - 120		
Matrix Spike	Zinc	60.58		mg/kg	20	39.87	104	80 - 120		

AA31819

Dup	Arsenic	5.19	0.025	mg/kg		5.02			3.33	0 - 15
Dup	Barium	265.16	0.025	mg/kg		262.96			0.833	0 - 15
Dup	Cadmium	0.32	0.001	mg/kg		0.32			<%MDL%	0 - 15
Dup	Copper	18.09	0.025	mg/kg		17.99			0.554	0 - 15
Dup	Lead	12.24	0.025	mg/kg		12.41			1.38	0 - 15
Dup	Nickel	27.76	0.025	mg/kg		26.79			3.56	0 - 15
Dup	Selenium	2.72	0.025	mg/kg		2.85			4.67	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	57.88	0.025	mg/kg		58.44			0.963	0 - 15
Matrix Spike	Arsenic	24.14		mg/kg	20	5.02	95.6	80 - 120		
Matrix Spike	Barium	282.33		mg/kg	20	262.96	96.8	80 - 120		
Matrix Spike	Cadmium	19.13		mg/kg	20	0.32	94.0	80 - 120		
Matrix Spike	Copper	35.49		mg/kg	20	17.99	87.5	80 - 120		
Matrix Spike	Lead	32.31		mg/kg	20	12.41	99.5	80 - 120		
Matrix Spike	Nickel	47.14		mg/kg	20	26.79	102	80 - 120		
Matrix Spike	Selenium	23.86		mg/kg	20	2.85	105	80 - 120		
Matrix Spike	Silver	17.65		mg/kg	20	<0.25	88.2	80 - 120		
Matrix Spike	Zinc	77.45		mg/kg	20	58.44	95.0	80 - 120		

AA32075

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						

AA32078

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

AA32079

LCS	Arsenic	0.10		mg/kg			100	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 9/29/2025

Report Time : 15:08

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

QC Report

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

SAR-11520

AA30570

Dup	Calcium	7.01		mEq/L	7.01	6.70			4.52	-20
Dup	Magnesium	3.44		mEq/L	3.44	3.26			5.37	-20
Dup	Sodium	1.70		mEq/L	1.70	1.67			1.78	-20
Dup	Sodium Adsorption Ratio	0.74		mEq/L	0.74	0.75			1.34	-20

AA30592

Dup	Calcium	20.28		mEq/L	8.86	18.56			8.86	-20
Dup	Magnesium	5.21		mEq/L	9.03	4.76			9.03	-20
Dup	Sodium	12.13		mEq/L	4.99	11.54			4.99	-20
Dup	Sodium Adsorption Ratio	3.40		mEq/L	0.590	3.38			0.590	-20

AA31241

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

AA31242

LCS	Calcium	9.35		ppm			93.5	80 - 120		
LCS	Magnesium	9.47		ppm			94.7	80 - 120		
LCS	Sodium	8.95		ppm			89.5	80 - 120		
LCS	Sodium Adsorption Ratio	0.49		ppm			90.7	80 - 120		

AA31243

LCS	Calcium	506.57		ppm			101	80 - 120		
LCS	Magnesium	491.15		ppm			98.2	80 - 120		
LCS	Sodium	491.32		ppm			98.3	80 - 120		
LCS	Sodium Adsorption Ratio	3.73		ppm			98.7	80 - 120		



Division of Environmental Testing

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

Report Date : 9/29/2025

Report Time : 15:08

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

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

Qualifier	Explanation
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.
EST	The concentration indicated has been estimated due to high analyte content.
E	Electronic loss or corruption of data.
I	Subcontracted sample



Division of Environmental Testing

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

October 09, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason/Todd Mayo

Project Name : CIT.CO.1054

Project Number : N/A

Attached are the analytical results for CIT.CO.1054 N/A received by Elevation Diagnostics, Division of Environmental Testing on August 29, 2025. This is associated with Elevation's number AA30629 .

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

RE: Sample Questions

From Joel Mason <joel.mason@absarokasolutions.com>

Date Wed 9/3/2025 10:44 AM

To Stephanie Aldrich <Stephanie@elevationdiagnostics.com>; Todd Mayo <Todd.mayo@absarokasolutions.com>; Bryen McConnell <bryen.mcconnell@absarokasolutions.com>; Kylie Schelhaas <kylie.schelhaas@absarokasolutions.com>

Cc Dylan Johnson <dylan@elevationdiagnostics.com>; Allie Sholk <allie@elevationdiagnostics.com>

 8 attachments (2 MB)

2025_08_27_CIT_AU_Sec28_Elevations_COC_SS07P@12'.pdf; 2025_08_26_CIT_AU_Sec28_Elevation_COC_BGSS.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_04-2@2'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_04-2@5'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_08-2@2'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_08-2@5'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_17-2@2'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_17-2@5'.pdf;

Hi Stephanie,

Thank you for your diligence on this!

We would like to run pH, EC, SAR and then hold remaining 915 parameters pending review for all the McCormick 24-3 samples from 8/27.

I have attached updated CoCs.

If possible, we would also like to run pH, EC, SAR and then hold remaining 915 parameters pending review for all Arapahoe Unit TB SEC 28 samples from 8/27, except for sample BG samples (attached CoC) which will remain REC parameters. If you can still, make that happen I will send those CoCs updated with the request. If not, just proceed with full table 915.

Thanks again!

Joel

From: Stephanie Aldrich <Stephanie@elevationdiagnostics.com>

Sent: Wednesday, September 3, 2025 9:45 AM

To: Todd Mayo <Todd.mayo@absarokasolutions.com>; Joel Mason <joel.mason@absarokasolutions.com>

Cc: Dylan Johnson <dylan@elevationdiagnostics.com>; Allie Sholk <allie@elevationdiagnostics.com>

Subject: Re: Sample Questions

Hi Todd and Joel,

Just following up on this. Let me know if you have any questions.

Thanks.

Stephanie Aldrich



Division of Environmental Testing

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

Report Date : 10/9/2025

Report Time : 14:37

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA30629-1	MC24-3_08-2@2'	Collected : 08/27/2025 14:10					
EC & pH soil by saturated paste - EC, soil		09/11/2025	09:32	2.00	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		09/11/2025	09:32	21.00	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		09/11/2025	09:32	8.29	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		09/12/2025	08:43 10.00	2.73	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		09/12/2025	08:43 10.00	1.80	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		09/12/2025	08:43 10.00	13.14	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		09/12/2025	08:43 10.00	8.73	No Unit		EPA 6020B
AA30629-2	MC24-3_08-2@2'	Collected : 08/27/2025 14:10					
DRO & ORO, Soil - DRO		09/30/2025	07:20	Not Detected - H1	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		09/30/2025	07:20	Not Detected - H1	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		09/30/2025	13:54	Not Detected - H1	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		10/03/2025	00:00	<0.0016 - H1	mg/kg	0.0016	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		10/03/2025	00:00	Not Detected - H1	mg/kg	0.0015	EPA 8260
VOC, Soils - Benzene		10/03/2025	00:00	Not Detected - H1	mg/kg	0.0015	EPA 8260
VOC, Soils - Ethylbenzene		10/03/2025	00:00	Not Detected - H1	mg/kg	0.0014	EPA 8260
VOC, Soils - Gasoline Range Organics		10/03/2025	00:00	<0.223 - H1	mg/kg	0.223	EPA 8260
VOC, Soils - m&p- xylene		10/03/2025	00:00	<0.0029 - H1	mg/kg	0.0029	EPA 8260
VOC, Soils - o-xylene		10/03/2025	00:00	Not Detected - H1	mg/kg	0.0014	EPA 8260
VOC, Soils - Toluene		10/03/2025	00:00	Not Detected - H1	mg/kg	0.0016	EPA 8260
VOC, Soils - Xylenes, total		10/03/2025	00:00	<0.0043 - H1	mg/kg	0.0043	EPA 8260
AA30629-3	MC24-3_08-2@2'	Collected : 08/27/2025 14:10					
Chromium VI, Soil		09/26/2025	10:31	<0.08 - H1	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		09/24/2025	10:59	0.37 - H1	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		09/29/2025	12:16 10.00	4.89 - H1	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		09/29/2025	12:16 10.00	186.37 - H1	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		09/29/2025	12:16 10.00	0.16 - H1	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		09/29/2025	12:16 10.00	9.61 - H1	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		09/29/2025	12:16 10.00	10.03 - H1	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		09/29/2025	12:16 10.00	10.45 - H1	mg/kg	0.025	EPA 6020B



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/9/2025

Report Time : 14:37

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start	Recovery					
Total Metals, Soils - Selenium		09/29/2025 12:16	10.00	2.35 - H1	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		09/29/2025 12:16	10.00	<0.25 - H1, RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		09/29/2025 12:16	10.00	40.49 - H1	mg/kg	0.025	EPA 6020B



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/9/2025

Report Time : 14:37

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-11873										
DUP	AA30565	0.23	0.050	mg/kg					8.3	-15 - 15
DUP	AA32194	0.40	0.050	mg/kg					2.5	-15 - 15
DUP	AA32300	0.27	0.050	mg/kg					10.5	-15 - 15
DUP	AA32412	0.19	0.050	mg/kg					10.0	-15 - 15
DUP	AA32457	0.69	0.050	mg/kg					7.0	-15 - 15
MB	AA32488	0.00		mg/kg						
LCS	AA32489	1.18		mg/kg	1.00		118	80 - 120		
LCS	AA32490	10.70		mg/kg	9.00		119	80 - 120		
CHROM_VI_SOIL-11877										
DUP	AA31654	<0.08	0.080	mg/kg						
MB	AA32491	0.02		mg/kg						
LCS	AA32493	1.63		mg/kg	1.57		104	80 - 120		
LCS	AA32494	1.64		mg/kg	1.56		105	80 - 120		



Division of Environmental Testing

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 Aurora, CO 80045
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Report Date : 10/9/2025

Report Time : 14:37

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO_ORO_SOIL-11900										
AA32507										
Dup	DRO	1034.28				451.07			12.7	- 30
Dup	ORO	1381.45				645.34			30.6	- 50
Matrix Spike	DRO	910.91		mg/kg	350	451.07	131	70 - 130		
Matrix Spike	ORO	1015.07		mg/kg	350	645.34	106	50 - 150		
AA32589										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA32590										
LCS	DRO	307.82		mg/kg			87.9	70 - 130		
LCS	ORO	325.32		mg/kg			92.9	50 - 150		
AA32591										
LCS	DRO	338.76		mg/kg			96.8	70 - 130		
LCS	ORO	350.30		mg/kg			100	50 - 150		
EC_PH-11512										
AA30629										
Dup	EC, soil	2.00	0.0005	mmhos/cm		2.00			<%MDL%	- 5
Dup	pH soil Temperature	21.40		°C		21.00				
Dup	pH, soil	8.27	0.01	SU		8.29			0.242	- 5
AA31225										
LCS	EC, soil	9.74	0.0005	mmhos/cm			97.4	85 - 115		
LCS	pH, soil	6.87	0.01	SU			100	85 - 115		
AA31226										
LCS	EC, soil	9.73	0.0005	mmhos/cm			97.3	85 - 115		
LCS	pH, soil	6.85	0.01	SU			99.9	85 - 115		
METALS_S-11916										
AA31607										
Dup	Arsenic	2.78	0.025	mg/kg		2.81			1.07	0 - 15
Dup	Barium	26.82	0.025	mg/kg		29.79			10.5	0 - 15
Dup	Cadmium	0.04	0.001	mg/kg		0.04			<%MDL%	0 - 15
Dup	Copper	2.34	0.025	mg/kg		2.45			4.59	0 - 15
Dup	Lead	2.92	0.025	mg/kg		3.37			14.3	0 - 15
Dup	Nickel	2.39	0.025	mg/kg		2.44			2.07	0 - 15
Dup	Selenium	1.59	0.025	mg/kg		1.64			3.10	0 - 15
Dup	Silver	<0.03	0.025	mg/kg		<0.03				
Dup	Zinc	11.52	0.025	mg/kg		11.25			2.37	0 - 15
Matrix Spike	Arsenic	23.39		mg/kg	20	2.81	103	80 - 120		
Matrix Spike	Barium	48.08		mg/kg	20	29.79	91.4	80 - 120		
Matrix Spike	Cadmium	20.75		mg/kg	20	0.04	104	80 - 120		
Matrix Spike	Copper	23.34		mg/kg	20	2.45	104	80 - 120		
Matrix Spike	Lead	24.17		mg/kg	20	3.37	104	80 - 120		
Matrix Spike	Nickel	22.92		mg/kg	20	2.44	102	80 - 120		
Matrix Spike	Selenium	23.82		mg/kg	20	1.64	111	80 - 120		
Matrix Spike	Silver	19.99		mg/kg	20	<0.03	100	80 - 120		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/9/2025

Report Time : 14:37

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Zinc	34.84		mg/kg	20	11.25	118	80 - 120		
AA32284										
Dup	Arsenic	5.09	0.025	mg/kg		5.21			2.33	0 - 15
Matrix Spike	Arsenic	24.94		mg/kg	20	5.21	98.6	80 - 120		
AA32386										
Dup	Arsenic	6.12	0.025	mg/kg		6.20			1.30	0 - 15
Dup	Barium	276.67	0.025	mg/kg		268.05			3.16	0 - 15
Dup	Cadmium	0.11	0.001	mg/kg		0.12			8.70	0 - 15
Dup	Copper	9.70	0.025	mg/kg		9.42			2.93	0 - 15
Dup	Lead	10.84	0.025	mg/kg		11.14			2.73	0 - 15
Dup	Nickel	14.75	0.025	mg/kg		15.00			1.68	0 - 15
Dup	Selenium	1.96	0.025	mg/kg		2.15			9.25	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	37.17	0.025	mg/kg		37.28			0.296	0 - 15
Matrix Spike	Arsenic	26.59		mg/kg	20	6.20	102	80 - 120		
Matrix Spike	Barium	289.77		mg/kg	20	268.05	109	80 - 120		
Matrix Spike	Cadmium	19.90		mg/kg	20	0.12	98.9	80 - 120		
Matrix Spike	Copper	27.46		mg/kg	20	9.42	90.2	80 - 120		
Matrix Spike	Lead	31.10		mg/kg	20	11.14	99.8	80 - 120		
Matrix Spike	Nickel	34.53		mg/kg	20	15.00	97.6	80 - 120		
Matrix Spike	Selenium	24.70		mg/kg	20	2.15	113	80 - 120		
Matrix Spike	Silver	18.25		mg/kg	20	<0.25	91.2	80 - 120		
Matrix Spike	Zinc	56.85		mg/kg	20	37.28	97.8	80 - 120		
AA32614										
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						
AA32617										
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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		
AA32618										
LCS	Arsenic	0.10		mg/kg			100	80 - 120		
LCS	Barium	0.11		mg/kg			110	80 - 120		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/9/2025

Report Time : 14:37

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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	0.10		mg/kg			100	80 - 120		

SAR-11521

AA30629

Dup	Calcium	2.73		mEq/L	<%MDL%	2.73			<%MDL%	-20
Dup	Magnesium	1.81		mEq/L	0.554	1.80			0.554	-20
Dup	Sodium	12.90		mEq/L	1.84	13.14			1.84	-20
Dup	Sodium Adsorption Ratio	8.57		mEq/L	1.85	8.73			1.85	-20

AA30641

Dup	Calcium	<0.50		mEq/L	<0.50	<0.50				
Dup	Magnesium	<0.82		mEq/L	<0.82	<0.82				
Dup	Sodium	7.54		mEq/L	7.54	7.22			4.34	-20
Dup	Sodium Adsorption Ratio	2.13		mEq/L	12.13	12.15			0.165	-20

AA31248

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

AA31249

LCS	Calcium	9.58		ppm			95.8	80 - 120		
LCS	Magnesium	9.94		ppm			99.4	80 - 120		
LCS	Sodium	9.46		ppm			94.6	80 - 120		
LCS	Sodium Adsorption Ratio	0.51		ppm			94.4	80 - 120		

AA31250

LCS	Calcium	507.38		ppm			101	80 - 120		
LCS	Magnesium	513.67		ppm			103	80 - 120		
LCS	Sodium	503.70		ppm			101	80 - 120		
LCS	Sodium Adsorption Ratio	3.77		ppm			99.7	80 - 120		

SVOC SOIL-11948

AA30936

Dup	1-methylnaphthalene	0.206	0.010	mg/kg		Not Detected			30.1	-30
Dup	2-methylnaphthalene	0.202	0.010	mg/kg		Not Detected			31.0	-30
Dup	Acenaphthene	0.219	0.010	mg/kg		Not Detected			9.98	-30
Dup	Anthracene	0.245	0.010	mg/kg		Not Detected			13.3	-30
Dup	Benz(a)anthracene	0.210	0.010	mg/kg		Not Detected			16.6	-30
Dup	Benzo(a)pyrene	0.268	0.010	mg/kg		Not Detected			0.372	-30
Dup	Benzo(b)fluoranthene	0.289	0.010	mg/kg		Not Detected			2.05	-30
Dup	Benzo(k)fluoranthene	0.295	0.010	mg/kg		Not Detected			1.71	-30
Dup	Chrysene	0.222	0.010	mg/kg		Not Detected			18.0	-30
Dup	Dibenz(a,h)anthracene	0.258	0.010	mg/kg		Not Detected			<0.010	-30
Dup	Fluoranthene	0.249	0.010	mg/kg		Not Detected			17.6	-30



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/9/2025

Report Time : 14:37

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Fluorene	0.197	0.010	mg/kg		Not Detected			15.0	- 30
Dup	Indeno(1,2,3-cd)pyrene	0.283	0.010	mg/kg		Not Detected			0.709	- 30
Dup	Naphthalene	0.170	0.010	mg/kg		Not Detected			22.9	- 30
Dup	Pyrene	0.241	0.010	mg/kg		Not Detected			18.1	- 30
Matrix Spike	1-methylnaphthalene	0.279	0.010	mg/kg	0.300	Not Detected	93.0	70 - 130		
Matrix Spike	2-methylnaphthalene	0.276	0.010	mg/kg	0.300	Not Detected	92.0	70 - 130		
Matrix Spike	Acenaphthene	0.242	0.010	mg/kg	0.300	Not Detected	80.7	70 - 130		
Matrix Spike	Anthracene	0.280	0.010	mg/kg	0.300	Not Detected	93.3	70 - 130		
Matrix Spike	Benz(a)anthracene	0.248	0.010	mg/kg	0.300	Not Detected	82.7	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.269	0.010	mg/kg	0.300	Not Detected	89.7	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.295	0.010	mg/kg	0.300	Not Detected	98.3	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.290	0.010	mg/kg	0.300	Not Detected	96.7	70 - 130		
Matrix Spike	Chrysene	0.266	0.010	mg/kg	0.300	Not Detected	88.7	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.258	0.010	mg/kg	0.300	Not Detected	86.0	70 - 130		
Matrix Spike	Fluoranthene	0.297	0.010	mg/kg	0.300	Not Detected	99.0	70 - 130		
Matrix Spike	Fluorene	0.229	0.010	mg/kg	0.300	Not Detected	76.3	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.281	0.010	mg/kg	0.300	Not Detected	93.7	70 - 130		
Matrix Spike	Naphthalene	0.214	0.010	mg/kg	0.300	Not Detected	71.3	70 - 130		
Matrix Spike	Pyrene	0.289	0.010	mg/kg	0.300	Not Detected	96.3	70 - 130		

AA32705

MB	1-methylnaphthalene	Not Detected	0.00313	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	0.00306	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

AA32706

LCS	1-methylnaphthalene	0.267	0.00313	mg/kg			89.0	70 - 130		
LCS	2-methylnaphthalene	0.269	0.010	mg/kg			89.7	70 - 130		
LCS	Acenaphthene	0.290	0.010	mg/kg			96.7	70 - 130		
LCS	Anthracene	0.255	0.010	mg/kg			85.0	70 - 130		
LCS	Benz(a)anthracene	0.254	0.010	mg/kg			84.7	70 - 130		
LCS	Benzo(a)pyrene	0.269	0.010	mg/kg			89.7	70 - 130		
LCS	Benzo(b)fluoranthene	0.291	0.010	mg/kg			97.0	70 - 130		
LCS	Benzo(k)fluoranthene	0.285	0.010	mg/kg			95.0	70 - 130		
LCS	Chrysene	0.272	0.010	mg/kg			90.7	70 - 130		
LCS	Dibenz(a,h)anthracene	0.267	0.010	mg/kg			89.0	70 - 130		
LCS	Fluoranthene	0.248	0.010	mg/kg			82.7	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/9/2025

Report Time : 14:37

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Fluorene	0.242	0.010	mg/kg			80.7	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.277	0.010	mg/kg			92.3	70 - 130		
LCS	Naphthalene	0.230	0.00306	mg/kg			76.7	70 - 130		
LCS	Pyrene	0.241	0.010	mg/kg			80.3	70 - 130		

AA32707

LCS	1-methylnaphthalene	0.279	0.010	mg/kg			93.0	70 - 130		
LCS	2-methylnaphthalene	0.265	0.010	mg/kg			88.3	70 - 130		
LCS	Acenaphthene	0.289	0.010	mg/kg			96.3	70 - 130		
LCS	Anthracene	0.300	0.010	mg/kg			100	70 - 130		
LCS	Benz(a)anthracene	0.307	0.010	mg/kg			102	70 - 130		
LCS	Benzo(a)pyrene	0.307	0.010	mg/kg			102	70 - 130		
LCS	Benzo(b)fluoranthene	0.342	0.010	mg/kg			114	70 - 130		
LCS	Benzo(k)fluoranthene	0.353	0.010	mg/kg			118	70 - 130		
LCS	Chrysene	0.342	0.010	mg/kg			114	70 - 130		
LCS	Dibenz(a,h)anthracene	0.293	0.010	mg/kg			97.7	70 - 130		
LCS	Fluoranthene	0.272	0.010	mg/kg			90.7	70 - 130		
LCS	Fluorene	0.250	0.010	mg/kg			83.3	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.317	0.010	mg/kg			106	70 - 130		
LCS	Naphthalene	0.231	0.010	mg/kg			77.0	70 - 130		
LCS	Pyrene	0.273	0.010	mg/kg			91.0	70 - 130		

VOC S-12019

AA30629

Dup	1,2,4-trimethylbenzene	0.054	0.0016	mg/kg		<0.0016			11.8	-30
Dup	1,3,5-trimethylbenzene	0.058	0.0015	mg/kg		Not Detected			10.9	-30
Dup	Benzene	0.065	0.0015	mg/kg		Not Detected			8.00	-30
Dup	Ethylbenzene	0.063	0.0014	mg/kg		Not Detected			11.8	-30
Dup	Gasoline Range Organics	0.04	0.223	mg/kg		<0.223			4.51	
Dup	m&p- xylene	0.125	0.0029	mg/kg		<0.0029			13.7	-30
Dup	o-xylene	0.060	0.0014	mg/kg		Not Detected			12.4	-30
Dup	Toluene	0.068	0.0016	mg/kg		Not Detected			12.5	-30
Dup	Xylenes, total	0.185	0.0043	mg/kg		<0.0043			13.3	-30
Matrix Spike	1,2,4-trimethylbenzene	0.048		mg/kg	0.050	<0.0016	96.0	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.052		mg/kg	0.050	Not Detected	104	70 - 130		
Matrix Spike	Benzene	0.060		mg/kg	0.050	Not Detected	120	70 - 130		
Matrix Spike	Ethylbenzene	0.056		mg/kg	0.050	Not Detected	112	70 - 130		
Matrix Spike	Gasoline Range Organics	0.095		mg/kg	2.54	<0.223	76.8			
Matrix Spike	m&p- xylene	0.109		mg/kg	0.100	<0.0029	109	70 - 130		
Matrix Spike	o-xylene	0.053		mg/kg	0.050	Not Detected	106	70 - 130		
Matrix Spike	Toluene	0.060		mg/kg	0.050	Not Detected	120	70 - 130		
Matrix Spike	Xylenes, total	0.162		mg/kg	0.150	<0.0043	108	70 - 130		

AA32996

MB	1,2,4-trimethylbenzene	<0.0016		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	0.223		mg/kg						



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/9/2025

Report Time : 14:37

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	m&p- xylene	<0.0029		mg/kg						
MB	o-xylene	Not Detected		mg/kg						
MB	Toluene	Not Detected		mg/kg						
MB	Xylenes, total	Not Detected		mg/kg						

AA32997

LCS	1,2,4-trimethylbenzene	0.042		mg/kg			84.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.050		mg/kg			100	70 - 130		
LCS	Benzene	0.053		mg/kg			106	70 - 130		
LCS	Ethylbenzene	0.048		mg/kg			96.0	70 - 130		
LCS	Gasoline Range Organic	0.07		mg/kg			81.5			
LCS	m&p- xylene	0.092		mg/kg			92.0	70 - 130		
LCS	o-xylene	0.045		mg/kg			90.0	70 - 130		
LCS	Toluene	0.049		mg/kg			98.0	70 - 130		
LCS	Xylenes, total	0.137		mg/kg			91.3	70 - 130		

AA32998

LCS	1,2,4-trimethylbenzene	0.041		mg/kg			82.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.042		mg/kg			84.0	70 - 130		
LCS	Benzene	0.053		mg/kg			106	70 - 130		
LCS	Ethylbenzene	0.044		mg/kg			88.0	70 - 130		
LCS	Gasoline Range Organic	0.06		mg/kg			120			
LCS	m&p- xylene	0.086		mg/kg			86.0	70 - 130		
LCS	o-xylene	0.044		mg/kg			88.0	70 - 130		
LCS	Toluene	0.047		mg/kg			94.0	70 - 130		
LCS	Xylenes, total	0.130		mg/kg			86.7	70 - 130		

Qualifier

Explanation

- 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.
- EST The concentration indicated has been estimated due to high analyte content.
- E Electronic loss or corruption of data.
- I Subcontracted sample



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

September 15, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason/Todd Mayo

Project Name : CIT.CO.1054

Project Number : N/A

Attached are the analytical results for CIT.CO.1054 N/A received by Elevation Diagnostics, Division of Environmental Testing on August 29, 2025. This is associated with Elevation's number AA30631 .

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: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, WY 82834
 Phone: 307-262-8975 , 970-381-7363
 Project Contact: Joel.Mason & Todd.Mayo@absarokasolutions.com

Project Name/Number: CIT.CO.1054
 Project Location: Citation McCormick (24-3) #6
 Collector Name: BM

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested								Interim report requested							
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full Suite											<input type="checkbox"/> Yes <input type="checkbox"/> No	Notes				
1	MC24-3_04-2@2'	8/27/2025	14:00	3						✓		✓																 AA30631-1
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												

Relinquished By: <u>Vuyler</u>	Relinquished By:	Relinquished By:	Scan to Deliver Samples
Date/Time: <u>8/27/25 10:00</u>	Date/Time:	Date/Time:	
Lab Use Only	Observed Temperature Upon Receipt: <u>3.5°C</u>	Samples Intact: <u>Yes</u> No <u>2025-09-02-036</u>	 EFOR-008.005
	Corrected Temperature Upon Receipt: <u>2.9°C</u>	pH Checked: Yes No <u>NA</u>	
	Thermometer #: <u>EDX EQ 330</u>	pH Adjusted: Yes No <u>NA</u>	
	Correction Factor: <u>-0.6°C</u>	PFAS rec'd on ice: Yes No <u>NA</u>	
	<u>AN</u>	Name/Lot Number of Adjustment: <u>NA</u>	

RE: Sample Questions

From Joel Mason <joel.mason@absarokasolutions.com>

Date Wed 9/3/2025 10:44 AM

To Stephanie Aldrich <Stephanie@elevationdiagnostics.com>; Todd Mayo <Todd.mayo@absarokasolutions.com>; Bryen McConnell <bryen.mcconnell@absarokasolutions.com>; Kylie Schelhaas <kylie.schelhaas@absarokasolutions.com>

Cc Dylan Johnson <dylan@elevationdiagnostics.com>; Allie Sholk <allie@elevationdiagnostics.com>

 8 attachments (2 MB)

2025_08_27_CIT_AU_Sec28_Elevations_COC_SS07P@12'.pdf; 2025_08_26_CIT_AU_Sec28_Elevation_COC_BGSS.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_04-2@2'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_04-2@5'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_08-2@2'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_08-2@5'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_17-2@2'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_17-2@5'.pdf;

Hi Stephanie,

Thank you for your diligence on this!

We would like to run pH, EC, SAR and then hold remaining 915 parameters pending review for all the McCormick 24-3 samples from 8/27.

I have attached updated CoCs.

If possible, we would also like to run pH, EC, SAR and then hold remaining 915 parameters pending review for all Arapahoe Unit TB SEC 28 samples from 8/27, except for sample BG samples (attached CoC) which will remain REC parameters. If you can still, make that happen I will send those CoCs updated with the request. If not, just proceed with full table 915.

Thanks again!

Joel

From: Stephanie Aldrich <Stephanie@elevationdiagnostics.com>

Sent: Wednesday, September 3, 2025 9:45 AM

To: Todd Mayo <Todd.mayo@absarokasolutions.com>; Joel Mason <joel.mason@absarokasolutions.com>

Cc: Dylan Johnson <dylan@elevationdiagnostics.com>; Allie Sholk <allie@elevationdiagnostics.com>

Subject: Re: Sample Questions

Hi Todd and Joel,

Just following up on this. Let me know if you have any questions.

Thanks.

Stephanie Aldrich



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 9/15/2025

Report Time : 16:35

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA30631-1	MC24-3_04-2@2'	Collected : 08/27/2025 14:00					
EC & pH soil by saturated paste - EC, soil		09/11/2025	09:32	8.37	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		09/11/2025	09:32	21.00	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		09/11/2025	09:32	8.03	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		09/12/2025	08:43 10.00	22.38	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		09/12/2025	08:43 10.00	12.95	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		09/12/2025	08:43 10.00	63.69	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		09/12/2025	08:43 10.00	15.15	No Unit		EPA 6020B



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 9/15/2025

Report Time : 16:35

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
----	---------	--------	-----------------	-------	-------------	---------------	------	--------------	-----	-----------

EC PH-11512

AA30629

Dup	EC, soil	2.00	0.0005	mmhos/cm		2.00			<%MDL%	- 5
Dup	pH soil Temperature	21.40		°C		21.00				
Dup	pH, soil	8.27	0.01	SU		8.29			0.242	- 5

AA31225

LCS	EC, soil	9.74	0.0005	mmhos/cm			97.4	85 - 115		
LCS	pH, soil	6.87	0.01	SU			100	85 - 115		

AA31226

LCS	EC, soil	9.73	0.0005	mmhos/cm			97.3	85 - 115		
LCS	pH, soil	6.85	0.01	SU			99.9	85 - 115		

SAR-11521

AA30629

Dup	Calcium	2.73		mEq/L	<%MDL%	2.73			<%MDL%	- 20
Dup	Magnesium	1.81		mEq/L	0.554	1.80			0.554	- 20
Dup	Sodium	12.90		mEq/L	1.84	13.14			1.84	- 20
Dup	Sodium Adsorption Ratio	8.57		mEq/L	1.85	8.73			1.85	- 20

AA30641

Dup	Calcium	<0.50		mEq/L	<0.50	<0.50				
Dup	Magnesium	<0.82		mEq/L	<0.82	<0.82				
Dup	Sodium	7.54		mEq/L	7.54	7.22			4.34	- 20
Dup	Sodium Adsorption Ratio	2.13		mEq/L	12.13	12.15			0.165	- 20

AA31248

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

AA31249

LCS	Calcium	9.58		ppm			95.8	80 - 120		
LCS	Magnesium	9.94		ppm			99.4	80 - 120		
LCS	Sodium	9.46		ppm			94.6	80 - 120		
LCS	Sodium Adsorption Ratio	0.51		ppm			94.4	80 - 120		

AA31250

LCS	Calcium	507.38		ppm			101	80 - 120		
LCS	Magnesium	513.67		ppm			103	80 - 120		
LCS	Sodium	503.70		ppm			101	80 - 120		
LCS	Sodium Adsorption Ratio	3.77		ppm			99.7	80 - 120		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

September 15, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason/Todd Mayo

Project Name : CIT.CO.1054

Project Number : N/A

Attached are the analytical results for CIT.CO.1054 N/A received by Elevation Diagnostics, Division of Environmental Testing on August 29, 2025. This is associated with Elevation's number AA30632 .

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: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, WY 82834
 Phone: 307-262-8975 , 970-381-7363
 Project Contact: Joel.Mason & Todd.Mayo@absarokasolutions.com

Project Name/Number: CIT.CO.1054
 Project Location: Citation McCormick (24-3) #6
 Collector Name: BM

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested				Interim report requested	
					HCl	HNO ₃	None	Other	Water	Soil	Other	Full Suite	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
1	MC24-3_04-2@5'	8/27/2025	14:05	3						<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					Notes ECMC Table 915-1 pH(Sat paste)  AA30632-1
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Relinquished By: <u>Wyle</u> Date/Time: <u>8/29/25 10:00</u>	Relinquished By: Date/Time:	Relinquished By: Date/Time:
Lab Use Only Observed Temperature Upon Receipt: <u>3.50</u> Corrected Temperature Upon Receipt: <u>2.90</u> Thermometer #: <u>EDX EQ 350</u> Correction Factor: <u>-0.60</u>	Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No pH Checked: Yes pH Adjusted: Yes PFAS rec'd on ice: Yes Name/Lot Number of Adjustment: <u>NA</u>	2025-09-02-037 Lot/EQM Number: <u>NA</u> AN

Scan to Deliver Samples



EFOR-008.005

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.

RE: Sample Questions

From Joel Mason <joel.mason@absarokasolutions.com>

Date Wed 9/3/2025 10:44 AM

To Stephanie Aldrich <Stephanie@elevationdiagnostics.com>; Todd Mayo <Todd.mayo@absarokasolutions.com>; Bryen McConnell <bryen.mcconnell@absarokasolutions.com>; Kylie Schelhaas <kylie.schelhaas@absarokasolutions.com>

Cc Dylan Johnson <dylan@elevationdiagnostics.com>; Allie Sholk <allie@elevationdiagnostics.com>

 8 attachments (2 MB)

2025_08_27_CIT_AU_Sec28_Elevations_COC_SS07P@12'.pdf; 2025_08_26_CIT_AU_Sec28_Elevation_COC_BGSS.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_04-2@2'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_04-2@5'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_08-2@2'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_08-2@5'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_17-2@2'.pdf; 2025_08_27_CIT_McCormick_24-3_#6_Elevation_COC_17-2@5'.pdf;

Hi Stephanie,

Thank you for your diligence on this!

We would like to run pH, EC, SAR and then hold remaining 915 parameters pending review for all the McCormick 24-3 samples from 8/27.

I have attached updated CoCs.

If possible, we would also like to run pH, EC, SAR and then hold remaining 915 parameters pending review for all Arapahoe Unit TB SEC 28 samples from 8/27, except for sample BG samples (attached CoC) which will remain REC parameters. If you can still, make that happen I will send those CoCs updated with the request. If not, just proceed with full table 915.

Thanks again!

Joel

From: Stephanie Aldrich <Stephanie@elevationdiagnostics.com>

Sent: Wednesday, September 3, 2025 9:45 AM

To: Todd Mayo <Todd.mayo@absarokasolutions.com>; Joel Mason <joel.mason@absarokasolutions.com>

Cc: Dylan Johnson <dylan@elevationdiagnostics.com>; Allie Sholk <allie@elevationdiagnostics.com>

Subject: Re: Sample Questions

Hi Todd and Joel,

Just following up on this. Let me know if you have any questions.

Thanks.

Stephanie Aldrich



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 9/15/2025

Report Time : 16:36

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start						Recovery
AA30632-1	MC24-3_04-2@5'	Collected : 08/27/2025 14:05					
EC & pH soil by saturated paste - EC, soil		09/11/2025	09:32	11.66	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		09/11/2025	09:32	20.70	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		09/11/2025	09:32	8.34	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		09/12/2025	08:43 10.00	21.21	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		09/12/2025	08:43 10.00	14.17	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		09/12/2025	08:43 10.00	115.11	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		09/12/2025	08:43 10.00	27.37	No Unit		EPA 6020B



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 9/15/2025

Report Time : 16:36

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: CIT.CO.1054

Project Number: N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
EC PH-11512										
AA30629										
Dup	EC, soil	2.00	0.0005	mmhos/cm		2.00			<%MDL%	- 5
Dup	pH soil Temperature	21.40		°C		21.00				
Dup	pH, soil	8.27	0.01	SU		8.29			0.242	- 5
AA31225										
LCS	EC, soil	9.74	0.0005	mmhos/cm			97.4	85 - 115		
LCS	pH, soil	6.87	0.01	SU			100	85 - 115		
AA31226										
LCS	EC, soil	9.73	0.0005	mmhos/cm			97.3	85 - 115		
LCS	pH, soil	6.85	0.01	SU			99.9	85 - 115		
SAR-11521										
AA30629										
Dup	Calcium	2.73		mEq/L	<%MDL%	2.73			<%MDL%	- 20
Dup	Magnesium	1.81		mEq/L	0.554	1.80			0.554	- 20
Dup	Sodium	12.90		mEq/L	1.84	13.14			1.84	- 20
Dup	Sodium Adsorption Ratio	8.57		mEq/L	1.85	8.73			1.85	- 20
AA30641										
Dup	Calcium	<0.50		mEq/L	<0.50	<0.50				
Dup	Magnesium	<0.82		mEq/L	<0.82	<0.82				
Dup	Sodium	7.54		mEq/L	7.54	7.22			4.34	- 20
Dup	Sodium Adsorption Ratio	2.13		mEq/L	12.13	12.15			0.165	- 20
AA31248										
MB	Calcium	0.00		mEq/L						
MB	Magnesium	0.00		mEq/L						
MB	Sodium	0.00		mEq/L						
MB	Sodium Adsorption Ratio	0.00								
AA31249										
LCS	Calcium	9.58		ppm			95.8	80 - 120		
LCS	Magnesium	9.94		ppm			99.4	80 - 120		
LCS	Sodium	9.46		ppm			94.6	80 - 120		
LCS	Sodium Adsorption Ratio	0.51		ppm			94.4	80 - 120		
AA31250										
LCS	Calcium	507.38		ppm			101	80 - 120		
LCS	Magnesium	513.67		ppm			103	80 - 120		
LCS	Sodium	503.70		ppm			101	80 - 120		
LCS	Sodium Adsorption Ratio	3.77		ppm			99.7	80 - 120		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

October 20, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason/Todd Mayo

Project Name : McCormick 24-3 #6

Project Number : CIT.CO.1054

Attached are the analytical results for McCormick 24-3 #6 CIT.CO.1054 received by Elevation Diagnostics, Division of Environmental Testing on October 03, 2025. This is associated with Elevation's number AA33426 .

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



Division of Environmental Testing

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

Report Date : 10/20/2025

Report Time : 17:22

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA33426-1	MC24-3_08-2@2V	Collected : 09/30/2025	10:40				
EC & pH soil by saturated paste - EC, soil		10/07/2025	15:47	3.13	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		10/07/2025	15:47	22.50	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		10/07/2025	15:47	8.25	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		10/08/2025	12:11 10.00	2.49	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		10/08/2025	12:11 10.00	2.23	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		10/08/2025	12:11 10.00	29.14	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		10/08/2025	12:11 10.00	18.96	No Unit		EPA 6020B
AA33426-2	MC24-3_08-2@2V	Collected : 09/30/2025	10:40				
Chromium VI, Soil		10/09/2025	10:37	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		10/08/2025	13:10	0.79	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		10/13/2025	09:51 10.00	5.23	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		10/13/2025	09:51 10.00	275.06	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		10/13/2025	09:51 10.00	0.18	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		10/13/2025	09:51 10.00	10.52	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		10/13/2025	09:51 10.00	10.67	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		10/13/2025	09:51 10.00	14.53	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		10/13/2025	09:51 10.00	2.66	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		10/13/2025	09:51 10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		10/13/2025	09:51 10.00	43.14	mg/kg	0.025	EPA 6020B
AA33426-3	MC24-3_08-2@2V	Collected : 09/30/2025	10:40				
DRO & ORO, Soil - DRO		10/10/2025	13:45	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		10/10/2025	13:45	Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		10/14/2025	00:00	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		10/14/2025	00:00	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		10/15/2025	00:00	<0.0016	mg/kg	0.0016	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		10/15/2025	00:00	<0.0015	mg/kg	0.0015	EPA 8260
VOC, Soils - Benzene		10/15/2025	00:00	Not Detected	mg/kg	0.0015	EPA 8260
VOC, Soils - Ethylbenzene		10/15/2025	00:00	Not Detected	mg/kg	0.0014	EPA 8260
VOC, Soils - Gasoline Range Organics		10/15/2025	00:00	Not Detected	mg/kg	0.223	EPA 8260
VOC, Soils - m&p- xylene		10/15/2025	00:00	<0.0029	mg/kg	0.0029	EPA 8260



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/20/2025

Report Time : 17:22

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start	Recovery					
VOC, Soils - o-xylene		10/15/2025 00:00		Not Detected	mg/kg	0.0014	EPA 8260
VOC, Soils - Toluene		10/15/2025 00:00		<0.0016	mg/kg	0.0016	EPA 8260
VOC, Soils - Xylenes, total		10/15/2025 00:00		<0.0043	mg/kg	0.0043	EPA 8260



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/20/2025

Report Time : 17:22

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-12217										
DUP	AA33444	0.13	0.050	mg/kg					8.0	-15 - 15
DUP	AA33465	0.44	0.050	mg/kg					4.7	-15 - 15
MB	AA33622	0.02		mg/kg						
LCS	AA33623	1.09		mg/kg	1.00		109	80 - 120		
LCS	AA33624	10.20		mg/kg	9.00		113	80 - 120		
CHROM_VI_SOIL-12190										
DUP	AA33407	<0.08	0.080	mg/kg						
MB	AA33563	0.00		mg/kg						
LCS	AA33565	1.66		mg/kg	1.56		106	80 - 120		
LCS	AA33566	1.64		mg/kg	1.57		104	80 - 120		



Division of Environmental Testing

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

FINAL RESULTS REPORT

Report Date : 10/20/2025

Report Time : 17:22

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO ORO SOIL-12160										
AA33407										
Dup	DRO	321.01				Not Detected			24.4	- 30
Dup	ORO	351.06				Not Detected			13.2	- 50
Matrix Spike	DRO	410.17		mg/kg	350.00	Not Detected	117	70 - 130		
Matrix Spike	ORO	400.57		mg/kg	350.00	Not Detected	114	50 - 150		
AA33528										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA33529										
LCS	DRO	337.19		mg/kg			96.3	70 - 130		
LCS	ORO	349.53		mg/kg			99.9	50 - 150		
AA33530										
LCS	DRO	328.10		mg/kg			93.7	70 - 130		
LCS	ORO	323.08		mg/kg			92.3	50 - 150		
EC PH-12192										
AA33423										
Dup	EC, soil	0.27	0.0005	mmhos/cm		0.26			3.77	- 5
Dup	pH soil Temperature	22.60		°C		22.4				
Dup	pH, soil	7.81	0.01	SU		7.76			0.642	- 5
AA33569										
LCS	EC, soil	9.14	0.0005	mmhos/cm			91.4	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		
AA33570										
LCS	EC, soil	9.11	0.0005	mmhos/cm			91.1	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		
METALS S-12201										
AA32887										
Dup	Arsenic	4.93	0.025	mg/kg		4.95			0.405	0 - 15
Dup	Barium	210.21	0.025	mg/kg		209.29			0.439	0 - 15
Dup	Cadmium	0.17	0.001	mg/kg		0.17			<%MDL%	0 - 15
Dup	Copper	10.23	0.025	mg/kg		10.49			2.51	0 - 15
Dup	Lead	9.21	0.025	mg/kg		9.49			2.99	0 - 15
Dup	Nickel	10.23	0.025	mg/kg		10.63			3.84	0 - 15
Dup	Selenium	2.51	0.025	mg/kg		2.28			9.60	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	39.96	0.025	mg/kg		41.61			4.05	0 - 15
Matrix Spike	Arsenic	23.47		mg/kg	20	4.95	92.6	80 - 120		
Matrix Spike	Barium	228.59		mg/kg	20	209.29	96.5	80 - 120		
Matrix Spike	Cadmium	17.11		mg/kg	20	0.17	84.7	80 - 120		
Matrix Spike	Copper	27.44		mg/kg	20	10.49	84.8	80 - 120		
Matrix Spike	Lead	26.82		mg/kg	20	9.49	86.6	80 - 120		
Matrix Spike	Nickel	26.93		mg/kg	20	10.63	81.5	80 - 120		
Matrix Spike	Selenium	20.29		mg/kg	20	2.28	90.0	80 - 120		
Matrix Spike	Silver	17.46		mg/kg	20	<0.25	87.3	80 - 120		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/20/2025

Report Time : 17:22

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Zinc	59.46		mg/kg	20	41.61	89.2	80 - 120		
AA33445										
Dup	Arsenic	2.22	0.025	mg/kg		2.58			15.0	0 - 15
Dup	Barium	68.24	0.025	mg/kg		69.40			1.69	0 - 15
Dup	Cadmium	0.05	0.001	mg/kg		0.05			<%MDL%	0 - 15
Dup	Copper	7.16	0.025	mg/kg		7.51			4.77	0 - 15
Dup	Lead	3.43	0.025	mg/kg		3.42			0.292	0 - 15
Dup	Nickel	4.45	0.025	mg/kg		4.76			6.73	0 - 15
Dup	Selenium	2.16	0.025	mg/kg		2.33			7.57	0 - 15
Dup	Silver	<0.03	0.025	mg/kg		<0.03				
Dup	Zinc	24.16	0.025	mg/kg		26.61			9.65	0 - 15
Matrix Spike	Arsenic	22.35		mg/kg	20	2.58	98.8	80 - 120		
Matrix Spike	Barium	90.42		mg/kg	20	69.40	105	80 - 120		
Matrix Spike	Cadmium	20.22		mg/kg	20	0.05	101	80 - 120		
Matrix Spike	Copper	27.31		mg/kg	20	7.51	99.0	80 - 120		
Matrix Spike	Lead	24.86		mg/kg	20	3.42	107	80 - 120		
Matrix Spike	Nickel	24.34		mg/kg	20	4.76	97.9	80 - 120		
Matrix Spike	Selenium	23.41		mg/kg	20	2.33	105	80 - 120		
Matrix Spike	Silver	17.93		mg/kg	20	<0.03	89.6	80 - 120		
Matrix Spike	Zinc	46.16		mg/kg	20	26.61	97.8	80 - 120		
AA33517										
Dup	Arsenic	17.89	0.025	mg/kg		17.51			2.15	0 - 15
Dup	Barium	345.59	0.025	mg/kg		334.75			3.19	0 - 15
Dup	Cadmium	0.10	0.001	mg/kg		0.11			9.52	0 - 15
Dup	Copper	23.51	0.025	mg/kg		23.89			1.60	0 - 15
Dup	Lead	4.05	0.025	mg/kg		4.38			7.83	0 - 15
Dup	Nickel	16.60	0.025	mg/kg		16.50			0.604	0 - 15
Dup	Selenium	2.45	0.025	mg/kg		2.21			10.3	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	37.23	0.025	mg/kg		38.76			4.03	0 - 15
Matrix Spike	Arsenic	37.96		mg/kg	20	17.51	102	80 - 120		
Matrix Spike	Barium	352.23		mg/kg	20	334.75	87.4	80 - 120		
Matrix Spike	Cadmium	17.90		mg/kg	20	0.11	89.0	80 - 120		
Matrix Spike	Copper	42.38		mg/kg	20	23.89	92.4	80 - 120		
Matrix Spike	Lead	23.54		mg/kg	20	4.38	95.8	80 - 120		
Matrix Spike	Nickel	33.98		mg/kg	20	16.50	87.4	80 - 120		
Matrix Spike	Selenium	20.60		mg/kg	20	2.21	92.0	80 - 120		
Matrix Spike	Silver	18.58		mg/kg	20	<0.25	92.9	80 - 120		
Matrix Spike	Zinc	56.86		mg/kg	20	38.76	90.5	80 - 120		
AA33586										
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						



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/20/2025

Report Time : 17:22

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Selenium	0.00		mg/kg						
MB	Silver	0.00		mg/kg						
MB	Zinc	0.00		mg/kg						

AA33588

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.11		mg/kg			110	80 - 120		

AA33589

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

SAR-12207

AA33423

Dup	Calcium	1.28		mEq/L	12.4	1.13			12.4	- 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	0.40		mEq/L	2.53	0.39			2.53	- 20

AA33600

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

AA33601

LCS	Calcium	10.07		ppm			101	80 - 120		
LCS	Magnesium	10.60		ppm			106	80 - 120		
LCS	Sodium	10.36		ppm			104	80 - 120		
LCS	Sodium Adsorption Ratio	0.54		ppm			100	80 - 120		

AA33602

LCS	Calcium	485.07		ppm			97.0	80 - 120		
LCS	Magnesium	490.28		ppm			98.1	80 - 120		
LCS	Sodium	490.82		ppm			98.2	80 - 120		
LCS	Sodium Adsorption Ratio	0.76		ppm			99.5	80 - 120		

SVOC_SOIL-12213

AA33408



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/20/2025

Report Time : 17:22

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	1-methylnaphthalene	0.273	0.010	mg/kg		Not Detected			9.09	- 30
Dup	2-methylnaphthalene	0.317	0.010	mg/kg		Not Detected			8.75	- 30
Dup	Acenaphthene	0.284	0.010	mg/kg		Not Detected			1.40	- 30
Dup	Anthracene	0.271	0.010	mg/kg		Not Detected			3.62	- 30
Dup	Benz(a)anthracene	0.295	0.010	mg/kg		Not Detected			5.28	- 30
Dup	Benzo(a)pyrene	0.269	0.010	mg/kg		Not Detected			3.02	- 30
Dup	Benzo(b)fluoranthene	0.274	0.010	mg/kg		Not Detected			2.21	- 30
Dup	Benzo(k)fluoranthene	0.279	0.010	mg/kg		Not Detected			8.90	- 30
Dup	Chrysene	0.303	0.010	mg/kg		Not Detected			3.57	- 30
Dup	Dibenz(a,h)anthracene	0.285	0.010	mg/kg		Not Detected			3.45	- 30
Dup	Fluoranthene	0.246	0.010	mg/kg		Not Detected			5.15	- 30
Dup	Fluorene	0.290	0.010	mg/kg		Not Detected			4.38	- 30
Dup	Indeno(1,2,3-cd)pyrene	0.292	0.010	mg/kg		Not Detected			0.683	- 30
Dup	Naphthalene	0.282	0.010	mg/kg		Not Detected			5.52	- 30
Dup	Pyrene	0.218	0.010	mg/kg		Not Detected			6.22	- 30
Matrix Spike	1-methylnaphthalene	0.299	0.00313	mg/kg	0.300	Not Detected	99.7	70 - 130		
Matrix Spike	2-methylnaphthalene	0.346	0.010	mg/kg	0.300	Not Detected	115	70 - 130		
Matrix Spike	Acenaphthene	0.288	0.010	mg/kg	0.300	Not Detected	96.0	70 - 130		
Matrix Spike	Anthracene	0.281	0.010	mg/kg	0.300	Not Detected	93.7	70 - 130		
Matrix Spike	Benz(a)anthracene	0.311	0.010	mg/kg	0.300	Not Detected	104	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.261	0.010	mg/kg	0.300	Not Detected	87.0	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.268	0.010	mg/kg	0.300	Not Detected	89.3	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.305	0.010	mg/kg	0.300	Not Detected	102	70 - 130		
Matrix Spike	Chrysene	0.314	0.010	mg/kg	0.300	Not Detected	105	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.295	0.010	mg/kg	0.300	Not Detected	98.3	70 - 130		
Matrix Spike	Fluoranthene	0.259	0.010	mg/kg	0.300	Not Detected	86.3	70 - 130		
Matrix Spike	Fluorene	0.303	0.010	mg/kg	0.300	Not Detected	101	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.294	0.010	mg/kg	0.300	Not Detected	98.0	70 - 130		
Matrix Spike	Naphthalene	0.298	0.00306	mg/kg	0.300	Not Detected	99.3	70 - 130		
Matrix Spike	Pyrene	0.232	0.010	mg/kg	0.300	Not Detected	77.3	70 - 130		

AA33611

MB	1-methylnaphthalene	Not Detected	0.00313	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	0.00306	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

AA33612

Report #6979 Not previously reported

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

800-440-5184

Report Date : 10/20/2025

Report Time : 17:22

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	1-methylnaphthalene	0.327	0.00313	mg/kg			109	70 - 130		
LCS	2-methylnaphthalene	0.374	0.010	mg/kg			125	70 - 130		
LCS	Acenaphthene	0.319	0.010	mg/kg			106	70 - 130		
LCS	Anthracene	0.345	0.010	mg/kg			115	70 - 130		
LCS	Benz(a)anthracene	0.333	0.010	mg/kg			111	70 - 130		
LCS	Benzo(a)pyrene	0.294	0.010	mg/kg			98.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.291	0.010	mg/kg			97.0	70 - 130		
LCS	Benzo(k)fluoranthene	0.327	0.010	mg/kg			109	70 - 130		
LCS	Chrysene	0.307	0.010	mg/kg			102	70 - 130		
LCS	Dibenz(a,h)anthracene	0.328	0.010	mg/kg			109	70 - 130		
LCS	Fluoranthene	0.312	0.010	mg/kg			104	70 - 130		
LCS	Fluorene	0.317	0.010	mg/kg			106	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.327	0.010	mg/kg			109	70 - 130		
LCS	Naphthalene	0.327	0.00306	mg/kg			109	70 - 130		
LCS	Pyrene	0.282	0.010	mg/kg			94.0	70 - 130		

AA33613

LCS	1-methylnaphthalene	0.317	0.00313	mg/kg			106	70 - 130		
LCS	2-methylnaphthalene	0.366	0.010	mg/kg			122	70 - 130		
LCS	Acenaphthene	0.325	0.010	mg/kg			108	70 - 130		
LCS	Anthracene	0.294	0.010	mg/kg			98.0	70 - 130		
LCS	Benz(a)anthracene	0.329	0.010	mg/kg			110	70 - 130		
LCS	Benzo(a)pyrene	0.315	0.010	mg/kg			105	70 - 130		
LCS	Benzo(b)fluoranthene	0.328	0.010	mg/kg			109	70 - 130		
LCS	Benzo(k)fluoranthene	0.357	0.010	mg/kg			119	70 - 130		
LCS	Chrysene	0.357	0.010	mg/kg			119	70 - 130		
LCS	Dibenz(a,h)anthracene	0.338	0.010	mg/kg			113	70 - 130		
LCS	Fluoranthene	0.294	0.010	mg/kg			98.0	70 - 130		
LCS	Fluorene	0.325	0.010	mg/kg			108	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.342	0.010	mg/kg			114	70 - 130		
LCS	Naphthalene	0.326	0.00306	mg/kg			109	70 - 130		
LCS	Pyrene	0.253	0.010	mg/kg			84.3	70 - 130		

VOC S-12219

AA33411

Dup	1,2,4-trimethylbenzene	0.040	0.0016	mg/kg		<0.0016			22.2	- 30
Dup	1,3,5-trimethylbenzene	0.045	0.0015	mg/kg		<0.0015			19.5	- 30
Dup	Benzene	0.066	0.0015	mg/kg		Not Detected			7.87	- 30
Dup	Ethylbenzene	0.061	0.0014	mg/kg		Not Detected			8.55	- 30
Dup	Gasoline Range Organics	0.425	0.223	mg/kg		Not Detected			5.27	
Dup	m&p- xylene	0.099	0.0029	mg/kg		<0.0029			18.8	- 30
Dup	o-xylene	0.044	0.0014	mg/kg		<0.0014			17.3	- 30
Dup	Toluene	0.035	0.0016	mg/kg		Not Detected			18.8	- 30
Dup	Xylenes, total	0.143	0.0043	mg/kg		<0.0043			18.3	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.032		mg/kg	0.050	<0.0016	64.0	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.037		mg/kg	0.050	<0.0015	74.0	70 - 130		
Matrix Spike	Benzene	0.061		mg/kg	0.050	Not Detected	122	70 - 130		
Matrix Spike	Ethylbenzene	0.056		mg/kg	0.050	Not Detected	112	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/20/2025

Report Time : 17:22

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Gasoline Range Organics	0.448		mg/kg	2.540	Not Detected	17.6			
Matrix Spike	m&p- xylene	0.082		mg/kg	0.100	<0.0029	82.0	70 - 130		
Matrix Spike	o-xylene	0.037		mg/kg	0.050	<0.0014	74.0	70 - 130		
Matrix Spike	Toluene	0.029		mg/kg	0.050	Not Detected	58.0	70 - 130		
Matrix Spike	Xylenes, total	0.119		mg/kg	0.150	<0.0043	79.3	70 - 130		

AA33628

MB	1,2,4-trimethylbenzene	<0.0016		mg/kg						
MB	1,3,5-trimethylbenzene	<0.0015		mg/kg						
MB	Benzene	Not Detected		mg/kg						
MB	Ethylbenzene	<0.0014		mg/kg						
MB	Gasoline Range Organics	Not Detected		mg/kg						
MB	m&p- xylene	<0.0029		mg/kg						
MB	o-xylene	<0.0014		mg/kg						
MB	Toluene	<0.0016		mg/kg						
MB	Xylenes, total	<0.0043		mg/kg						

AA33629

LCS	1,2,4-trimethylbenzene	0.058		mg/kg			116	70 - 130		
LCS	1,3,5-trimethylbenzene	0.060		mg/kg			120	70 - 130		
LCS	Benzene	0.058		mg/kg			116	70 - 130		
LCS	Ethylbenzene	0.058		mg/kg			116	70 - 130		
LCS	Gasoline Range Organics	0.24		mg/kg			88.2			
LCS	m&p- xylene	0.119		mg/kg			119	70 - 130		
LCS	o-xylene	0.054		mg/kg			108	70 - 130		
LCS	Toluene	0.040		mg/kg			80.0	70 - 130		
LCS	Xylenes, total	0.173		mg/kg			115	70 - 130		

AA33630

LCS	1,2,4-trimethylbenzene	0.048		mg/kg			96.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.048		mg/kg			96.0	70 - 130		
LCS	Benzene	0.056		mg/kg			112	70 - 130		
LCS	Ethylbenzene	0.060		mg/kg			120	70 - 130		
LCS	Gasoline Range Organics	0.97		mg/kg			77.6			
LCS	m&p- xylene	0.120		mg/kg			120	70 - 130		
LCS	o-xylene	0.055		mg/kg			110	70 - 130		
LCS	Toluene	0.038		mg/kg			76.0	70 - 130		
LCS	Xylenes, total	0.175		mg/kg			117	70 - 130		



Division of Environmental Testing

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

Report Date : 10/20/2025

Report Time : 17:22

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

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

Qualifier	Explanation
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.
EST	The concentration indicated has been estimated due to high analyte content.
E	Electronic loss or corruption of data.
I	Subcontracted sample



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

October 20, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason/Todd Mayo

Project Name : McCormick 24-3 #6

Project Number : CIT.CO.1054

Attached are the analytical results for McCormick 24-3 #6 CIT.CO.1054 received by Elevation Diagnostics, Division of Environmental Testing on October 03, 2025. This is associated with Elevation's number AA33427 .

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



Division of Environmental Testing

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

Report Date : 10/20/2025

Report Time : 17:23

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start						Recovery
AA33427-1	MC24-3_17-2@2V	Collected : 09/30/2025	10:30				
EC & pH soil by saturated paste - EC, soil		10/07/2025	15:47	0.49	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		10/07/2025	15:47	22.50	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		10/07/2025	15:47	8.49	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		10/08/2025	12:11 10.00	0.56	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		10/08/2025	12:11 10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		10/08/2025	12:11 10.00	3.80	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		10/08/2025	12:11 10.00	6.11	No Unit		EPA 6020B
AA33427-2	MC24-3_17-2@2V	Collected : 09/30/2025	10:30				
Chromium VI, Soil		10/09/2025	10:37	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		10/08/2025	13:10	0.18	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		10/13/2025	09:51 10.00	4.91	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		10/13/2025	09:51 10.00	179.66	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		10/13/2025	09:51 10.00	0.14	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		10/13/2025	09:51 10.00	9.01	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		10/13/2025	09:51 10.00	8.28	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		10/13/2025	09:51 10.00	8.88	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		10/13/2025	09:51 10.00	2.14	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		10/13/2025	09:51 10.00	<0.03	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Zinc		10/13/2025	09:51 10.00	38.79	mg/kg	0.025	EPA 6020B
AA33427-3	MC24-3_17-2@2V	Collected : 09/30/2025	10:30				
DRO & ORO, Soil - DRO		10/10/2025	13:45	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		10/10/2025	13:45	Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		10/14/2025	00:00	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenzo(a,h)anthracene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		10/14/2025	00:00	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		10/14/2025	00:00	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		10/15/2025	00:00	<0.0026	mg/kg	0.0016	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		10/15/2025	00:00	<0.0015	mg/kg	0.0015	EPA 8260
VOC, Soils - Benzene		10/15/2025	00:00	Not Detected	mg/kg	0.0015	EPA 8260
VOC, Soils - Ethylbenzene		10/15/2025	00:00	Not Detected	mg/kg	0.0014	EPA 8260
VOC, Soils - Gasoline Range Organics		10/15/2025	00:00	Not Detected	mg/kg	0.223	EPA 8260
VOC, Soils - m&p- xylene		10/15/2025	00:00	<0.0029	mg/kg	0.0029	EPA 8260



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start	Recovery					
VOC, Soils - o-xylene		10/15/2025 00:00		<0.0014	mg/kg	0.0014	EPA 8260
VOC, Soils - Toluene		10/15/2025 00:00		<0.0016	mg/kg	0.0016	EPA 8260
VOC, Soils - Xylenes, total		10/15/2025 00:00		<0.0043	mg/kg	0.0043	EPA 8260



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FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-12217										
DUP	AA33444	0.13	0.050	mg/kg					8.0	-15 - 15
DUP	AA33465	0.44	0.050	mg/kg					4.7	-15 - 15
MB	AA33622	0.02		mg/kg						
LCS	AA33623	1.09		mg/kg	1.00		109	80 - 120		
LCS	AA33624	10.20		mg/kg	9.00		113	80 - 120		
CHROM_VI_SOIL-12190										
DUP	AA33407	<0.08	0.080	mg/kg						
MB	AA33563	0.00		mg/kg						
LCS	AA33565	1.66		mg/kg	1.56		106	80 - 120		
LCS	AA33566	1.64		mg/kg	1.57		104	80 - 120		



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QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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DRO ORO SOIL-12160

AA33407

Dup	DRO	321.01				Not Detected			24.4	- 30
Dup	ORO	351.06				Not Detected			13.2	- 50
Matrix Spike	DRO	410.17		mg/kg	350.00	Not Detected	117	70 - 130		
Matrix Spike	ORO	400.57		mg/kg	350.00	Not Detected	114	50 - 150		

AA33528

MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						

AA33529

LCS	DRO	337.19		mg/kg			96.3	70 - 130		
LCS	ORO	349.53		mg/kg			99.9	50 - 150		

AA33530

LCS	DRO	328.10		mg/kg			93.7	70 - 130		
LCS	ORO	323.08		mg/kg			92.3	50 - 150		

EC PH-12192

AA33423

Dup	EC, soil	0.27	0.0005	mmhos/cm		0.26			3.77	- 5
Dup	pH soil Temperature	22.60		°C		22.4				
Dup	pH, soil	7.81	0.01	SU		7.76			0.642	- 5

AA33569

LCS	EC, soil	9.14	0.0005	mmhos/cm			91.4	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		

AA33570

LCS	EC, soil	9.11	0.0005	mmhos/cm			91.1	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		

METALS S-12201

AA32887

Dup	Arsenic	4.93	0.025	mg/kg		4.95			0.405	0 - 15
Dup	Barium	210.21	0.025	mg/kg		209.29			0.439	0 - 15
Dup	Cadmium	0.17	0.001	mg/kg		0.17			<%MDL%	0 - 15
Dup	Copper	10.23	0.025	mg/kg		10.49			2.51	0 - 15
Dup	Lead	9.21	0.025	mg/kg		9.49			2.99	0 - 15
Dup	Nickel	10.23	0.025	mg/kg		10.63			3.84	0 - 15
Dup	Selenium	2.51	0.025	mg/kg		2.28			9.60	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	39.96	0.025	mg/kg		41.61			4.05	0 - 15
Matrix Spike	Arsenic	23.47		mg/kg	20	4.95	92.6	80 - 120		
Matrix Spike	Barium	228.59		mg/kg	20	209.29	96.5	80 - 120		
Matrix Spike	Cadmium	17.11		mg/kg	20	0.17	84.7	80 - 120		
Matrix Spike	Copper	27.44		mg/kg	20	10.49	84.8	80 - 120		
Matrix Spike	Lead	26.82		mg/kg	20	9.49	86.6	80 - 120		
Matrix Spike	Nickel	26.93		mg/kg	20	10.63	81.5	80 - 120		
Matrix Spike	Selenium	20.29		mg/kg	20	2.28	90.0	80 - 120		
Matrix Spike	Silver	17.46		mg/kg	20	<0.25	87.3	80 - 120		



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QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Zinc	59.46		mg/kg	20	41.61	89.2	80 - 120		
AA33445										
Dup	Arsenic	2.22	0.025	mg/kg		2.58			15.0	0 - 15
Dup	Barium	68.24	0.025	mg/kg		69.40			1.69	0 - 15
Dup	Cadmium	0.05	0.001	mg/kg		0.05			<%MDL%	0 - 15
Dup	Copper	7.16	0.025	mg/kg		7.51			4.77	0 - 15
Dup	Lead	3.43	0.025	mg/kg		3.42			0.292	0 - 15
Dup	Nickel	4.45	0.025	mg/kg		4.76			6.73	0 - 15
Dup	Selenium	2.16	0.025	mg/kg		2.33			7.57	0 - 15
Dup	Silver	<0.03	0.025	mg/kg		<0.03				
Dup	Zinc	24.16	0.025	mg/kg		26.61			9.65	0 - 15
Matrix Spike	Arsenic	22.35		mg/kg	20	2.58	98.8	80 - 120		
Matrix Spike	Barium	90.42		mg/kg	20	69.40	105	80 - 120		
Matrix Spike	Cadmium	20.22		mg/kg	20	0.05	101	80 - 120		
Matrix Spike	Copper	27.31		mg/kg	20	7.51	99.0	80 - 120		
Matrix Spike	Lead	24.86		mg/kg	20	3.42	107	80 - 120		
Matrix Spike	Nickel	24.34		mg/kg	20	4.76	97.9	80 - 120		
Matrix Spike	Selenium	23.41		mg/kg	20	2.33	105	80 - 120		
Matrix Spike	Silver	17.93		mg/kg	20	<0.03	89.6	80 - 120		
Matrix Spike	Zinc	46.16		mg/kg	20	26.61	97.8	80 - 120		
AA33517										
Dup	Arsenic	17.89	0.025	mg/kg		17.51			2.15	0 - 15
Dup	Barium	345.59	0.025	mg/kg		334.75			3.19	0 - 15
Dup	Cadmium	0.10	0.001	mg/kg		0.11			9.52	0 - 15
Dup	Copper	23.51	0.025	mg/kg		23.89			1.60	0 - 15
Dup	Lead	4.05	0.025	mg/kg		4.38			7.83	0 - 15
Dup	Nickel	16.60	0.025	mg/kg		16.50			0.604	0 - 15
Dup	Selenium	2.45	0.025	mg/kg		2.21			10.3	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	37.23	0.025	mg/kg		38.76			4.03	0 - 15
Matrix Spike	Arsenic	37.96		mg/kg	20	17.51	102	80 - 120		
Matrix Spike	Barium	352.23		mg/kg	20	334.75	87.4	80 - 120		
Matrix Spike	Cadmium	17.90		mg/kg	20	0.11	89.0	80 - 120		
Matrix Spike	Copper	42.38		mg/kg	20	23.89	92.4	80 - 120		
Matrix Spike	Lead	23.54		mg/kg	20	4.38	95.8	80 - 120		
Matrix Spike	Nickel	33.98		mg/kg	20	16.50	87.4	80 - 120		
Matrix Spike	Selenium	20.60		mg/kg	20	2.21	92.0	80 - 120		
Matrix Spike	Silver	18.58		mg/kg	20	<0.25	92.9	80 - 120		
Matrix Spike	Zinc	56.86		mg/kg	20	38.76	90.5	80 - 120		
AA33586										
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						



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Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Selenium	0.00		mg/kg						
MB	Silver	0.00		mg/kg						
MB	Zinc	0.00		mg/kg						

AA33588

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.11		mg/kg			110	80 - 120		

AA33589

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

SAR-12207

AA33423

Dup	Calcium	1.28		mEq/L	12.4	1.13			12.4	- 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	0.40		mEq/L	2.53	0.39			2.53	- 20

AA33600

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

AA33601

LCS	Calcium	10.07		ppm			101	80 - 120		
LCS	Magnesium	10.60		ppm			106	80 - 120		
LCS	Sodium	10.36		ppm			104	80 - 120		
LCS	Sodium Adsorption Ratio	0.54		ppm			100	80 - 120		

AA33602

LCS	Calcium	485.07		ppm			97.0	80 - 120		
LCS	Magnesium	490.28		ppm			98.1	80 - 120		
LCS	Sodium	490.82		ppm			98.2	80 - 120		
LCS	Sodium Adsorption Ratio	3.76		ppm			99.5	80 - 120		

SVOC_SOIL-12213

AA33408



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Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	1-methylnaphthalene	0.273	0.010	mg/kg		Not Detected			9.09	- 30
Dup	2-methylnaphthalene	0.317	0.010	mg/kg		Not Detected			8.75	- 30
Dup	Acenaphthene	0.284	0.010	mg/kg		Not Detected			1.40	- 30
Dup	Anthracene	0.271	0.010	mg/kg		Not Detected			3.62	- 30
Dup	Benz(a)anthracene	0.295	0.010	mg/kg		Not Detected			5.28	- 30
Dup	Benzo(a)pyrene	0.269	0.010	mg/kg		Not Detected			3.02	- 30
Dup	Benzo(b)fluoranthene	0.274	0.010	mg/kg		Not Detected			2.21	- 30
Dup	Benzo(k)fluoranthene	0.279	0.010	mg/kg		Not Detected			8.90	- 30
Dup	Chrysene	0.303	0.010	mg/kg		Not Detected			3.57	- 30
Dup	Dibenz(a,h)anthracene	0.285	0.010	mg/kg		Not Detected			3.45	- 30
Dup	Fluoranthene	0.246	0.010	mg/kg		Not Detected			5.15	- 30
Dup	Fluorene	0.290	0.010	mg/kg		Not Detected			4.38	- 30
Dup	Indeno(1,2,3-cd)pyrene	0.292	0.010	mg/kg		Not Detected			0.683	- 30
Dup	Naphthalene	0.282	0.010	mg/kg		Not Detected			5.52	- 30
Dup	Pyrene	0.218	0.010	mg/kg		Not Detected			6.22	- 30
Matrix Spike	1-methylnaphthalene	0.299	0.00313	mg/kg	0.300	Not Detected	99.7	70 - 130		
Matrix Spike	2-methylnaphthalene	0.346	0.010	mg/kg	0.300	Not Detected	115	70 - 130		
Matrix Spike	Acenaphthene	0.288	0.010	mg/kg	0.300	Not Detected	96.0	70 - 130		
Matrix Spike	Anthracene	0.281	0.010	mg/kg	0.300	Not Detected	93.7	70 - 130		
Matrix Spike	Benz(a)anthracene	0.311	0.010	mg/kg	0.300	Not Detected	104	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.261	0.010	mg/kg	0.300	Not Detected	87.0	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.268	0.010	mg/kg	0.300	Not Detected	89.3	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.305	0.010	mg/kg	0.300	Not Detected	102	70 - 130		
Matrix Spike	Chrysene	0.314	0.010	mg/kg	0.300	Not Detected	105	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.295	0.010	mg/kg	0.300	Not Detected	98.3	70 - 130		
Matrix Spike	Fluoranthene	0.259	0.010	mg/kg	0.300	Not Detected	86.3	70 - 130		
Matrix Spike	Fluorene	0.303	0.010	mg/kg	0.300	Not Detected	101	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.294	0.010	mg/kg	0.300	Not Detected	98.0	70 - 130		
Matrix Spike	Naphthalene	0.298	0.00306	mg/kg	0.300	Not Detected	99.3	70 - 130		
Matrix Spike	Pyrene	0.232	0.010	mg/kg	0.300	Not Detected	77.3	70 - 130		

AA33611

MB	1-methylnaphthalene	Not Detected	0.00313	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	0.00306	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						

AA33612

Report #6980

Not previously reported

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.



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Report Date : 10/20/2025

Report Time : 17:23

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	1-methylnaphthalene	0.327	0.00313	mg/kg			109	70 - 130		
LCS	2-methylnaphthalene	0.374	0.010	mg/kg			125	70 - 130		
LCS	Acenaphthene	0.319	0.010	mg/kg			106	70 - 130		
LCS	Anthracene	0.345	0.010	mg/kg			115	70 - 130		
LCS	Benz(a)anthracene	0.333	0.010	mg/kg			111	70 - 130		
LCS	Benzo(a)pyrene	0.294	0.010	mg/kg			98.0	70 - 130		
LCS	Benzo(b)fluoranthene	0.291	0.010	mg/kg			97.0	70 - 130		
LCS	Benzo(k)fluoranthene	0.327	0.010	mg/kg			109	70 - 130		
LCS	Chrysene	0.307	0.010	mg/kg			102	70 - 130		
LCS	Dibenz(a,h)anthracene	0.328	0.010	mg/kg			109	70 - 130		
LCS	Fluoranthene	0.312	0.010	mg/kg			104	70 - 130		
LCS	Fluorene	0.317	0.010	mg/kg			106	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.327	0.010	mg/kg			109	70 - 130		
LCS	Naphthalene	0.327	0.00306	mg/kg			109	70 - 130		
LCS	Pyrene	0.282	0.010	mg/kg			94.0	70 - 130		

AA33613

LCS	1-methylnaphthalene	0.317	0.00313	mg/kg			106	70 - 130		
LCS	2-methylnaphthalene	0.366	0.010	mg/kg			122	70 - 130		
LCS	Acenaphthene	0.325	0.010	mg/kg			108	70 - 130		
LCS	Anthracene	0.294	0.010	mg/kg			98.0	70 - 130		
LCS	Benz(a)anthracene	0.329	0.010	mg/kg			110	70 - 130		
LCS	Benzo(a)pyrene	0.315	0.010	mg/kg			105	70 - 130		
LCS	Benzo(b)fluoranthene	0.328	0.010	mg/kg			109	70 - 130		
LCS	Benzo(k)fluoranthene	0.357	0.010	mg/kg			119	70 - 130		
LCS	Chrysene	0.357	0.010	mg/kg			119	70 - 130		
LCS	Dibenz(a,h)anthracene	0.338	0.010	mg/kg			113	70 - 130		
LCS	Fluoranthene	0.294	0.010	mg/kg			98.0	70 - 130		
LCS	Fluorene	0.325	0.010	mg/kg			108	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.342	0.010	mg/kg			114	70 - 130		
LCS	Naphthalene	0.326	0.00306	mg/kg			109	70 - 130		
LCS	Pyrene	0.253	0.010	mg/kg			84.3	70 - 130		

VOC S-12219

AA33411

Dup	1,2,4-trimethylbenzene	0.040	0.0016	mg/kg		<0.0016			22.2	- 30
Dup	1,3,5-trimethylbenzene	0.045	0.0015	mg/kg		<0.0015			19.5	- 30
Dup	Benzene	0.066	0.0015	mg/kg		Not Detected			7.87	- 30
Dup	Ethylbenzene	0.061	0.0014	mg/kg		Not Detected			8.55	- 30
Dup	Gasoline Range Organics	0.425	0.223	mg/kg		Not Detected			5.27	
Dup	m&p- xylene	0.099	0.0029	mg/kg		<0.0029			18.8	- 30
Dup	o-xylene	0.044	0.0014	mg/kg		<0.0014			17.3	- 30
Dup	Toluene	0.035	0.0016	mg/kg		Not Detected			18.8	- 30
Dup	Xylenes, total	0.143	0.0043	mg/kg		<0.0043			18.3	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.032		mg/kg	0.050	<0.0016	64.0	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.037		mg/kg	0.050	<0.0015	74.0	70 - 130		
Matrix Spike	Benzene	0.061		mg/kg	0.050	Not Detected	122	70 - 130		
Matrix Spike	Ethylbenzene	0.056		mg/kg	0.050	Not Detected	112	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/20/2025

Report Time : 17:23

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	Gasoline Range Organics	0.448		mg/kg	2.540	Not Detected	17.6			
Matrix Spike	m&p- xylene	0.082		mg/kg	0.100	<0.0029	82.0	70 - 130		
Matrix Spike	o-xylene	0.037		mg/kg	0.050	<0.0014	74.0	70 - 130		
Matrix Spike	Toluene	0.029		mg/kg	0.050	Not Detected	58.0	70 - 130		
Matrix Spike	Xylenes, total	0.119		mg/kg	0.150	<0.0043	79.3	70 - 130		

AA33628

MB	1,2,4-trimethylbenzene	<0.0016		mg/kg						
MB	1,3,5-trimethylbenzene	<0.0015		mg/kg						
MB	Benzene	Not Detected		mg/kg						
MB	Ethylbenzene	<0.0014		mg/kg						
MB	Gasoline Range Organics	Not Detected		mg/kg						
MB	m&p- xylene	<0.0029		mg/kg						
MB	o-xylene	<0.0014		mg/kg						
MB	Toluene	<0.0016		mg/kg						
MB	Xylenes, total	<0.0043		mg/kg						

AA33629

LCS	1,2,4-trimethylbenzene	0.058		mg/kg			116	70 - 130		
LCS	1,3,5-trimethylbenzene	0.060		mg/kg			120	70 - 130		
LCS	Benzene	0.058		mg/kg			116	70 - 130		
LCS	Ethylbenzene	0.058		mg/kg			116	70 - 130		
LCS	Gasoline Range Organics	0.24		mg/kg			88.2			
LCS	m&p- xylene	0.119		mg/kg			119	70 - 130		
LCS	o-xylene	0.054		mg/kg			108	70 - 130		
LCS	Toluene	0.040		mg/kg			80.0	70 - 130		
LCS	Xylenes, total	0.173		mg/kg			115	70 - 130		

AA33630

LCS	1,2,4-trimethylbenzene	0.048		mg/kg			96.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.048		mg/kg			96.0	70 - 130		
LCS	Benzene	0.056		mg/kg			112	70 - 130		
LCS	Ethylbenzene	0.060		mg/kg			120	70 - 130		
LCS	Gasoline Range Organics	0.97		mg/kg			77.6			
LCS	m&p- xylene	0.120		mg/kg			120	70 - 130		
LCS	o-xylene	0.055		mg/kg			110	70 - 130		
LCS	Toluene	0.038		mg/kg			76.0	70 - 130		
LCS	Xylenes, total	0.175		mg/kg			117	70 - 130		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

October 09, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason/Todd Mayo

Project Name : McCormick 24-3 #6

Project Number : CIT.CO.1054

Attached are the analytical results for McCormick 24-3 #6 CIT.CO.1054 received by Elevation Diagnostics, Division of Environmental Testing on October 03, 2025. This is associated with Elevation's number AA33429 .

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: Absaroka Energy & Environmental Solutions
 Address: 112 High Street
 City/State/ZIP: Buffalo, Wyoming 82834
 Phone: (307) 262-8975, (970) 815-85993
 Project Contact: Joel Mason / Todd Mayo

Project Name/Number: CIT.CO.1054
 Project Location: McCormick 24-3 #6
 Collector Name: Dylan Mullins

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested			Interim report requested	
					HCl	HNO ₃	None	Other	Water	Soil	Other	Ph	SAR	EC	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
1	MC24-3_04-3@2'	9/30/25	10:50	3			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
2																
3																
4																
5																
6																
7																
8																
9																
10																

Notes
Ph, SAR, EC ONLY

 AA33429-1

Relinquished By: <u>Bu</u>	Relinquished By:	Relinquished By:
Date/Time: <u>10/3/25 9:30</u>	Date/Time:	Date/Time:
Lab Use Only	Observed Temperature Upon Receipt: <u>2.7°C</u>	Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No
	Corrected Temperature Upon Receipt: <u>2.1°C</u>	Yes <input type="radio"/> No <input checked="" type="radio"/>
	Thermometer #: <u>EDVEQ350</u>	pH Checked: Yes <input type="radio"/> No <input checked="" type="radio"/>
	Correction Factor: <u>-0.6°C</u>	pH Adjusted: Yes <input type="radio"/> No <input checked="" type="radio"/>
		PFAS rec'd on ice: Yes <input type="radio"/> No <input checked="" type="radio"/>
		Name/Lot Number of Adjustment: <u>N/A</u>

Scan to Deliver Samples



EFOR-008.005

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

800-440-5184

Report Date : 10/9/2025

Report Time : 15:35

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Analysis Start						Recovery
AA33429-1	MC24-3_04-3@2'	Collected : 09/30/2025 10:50					
EC & pH soil by saturated paste - EC, soil		10/07/2025	15:47	3.69	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		10/07/2025	15:47	22.30	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		10/07/2025	15:47	8.32	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		10/08/2025	12:11 10.00	4.02	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		10/08/2025	12:11 10.00	2.37	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		10/08/2025	12:11 10.00	33.56	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		10/08/2025	12:11 10.00	18.77	No Unit		EPA 6020B



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 10/9/2025

Report Time : 15:35

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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EC PH-12192

AA33423

Dup	EC, soil	0.27	0.0005	mmhos/cm		0.26			3.77	- 5
Dup	pH soil Temperature	22.60		°C		22.4				
Dup	pH, soil	7.81	0.01	SU		7.76			0.642	- 5

AA33569

LCS	EC, soil	9.14	0.0005	mmhos/cm			91.4	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		

AA33570

LCS	EC, soil	9.11	0.0005	mmhos/cm			91.1	85 - 115		
LCS	pH, soil	6.88	0.01	SU			100	85 - 115		

SAR-12207

AA33423

Dup	Calcium	1.28		mEq/L	12.4	1.13			12.4	- 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	0.40		mEq/L	2.53	0.39			2.53	- 20

AA33600

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

AA33601

LCS	Calcium	10.07		ppm			101	80 - 120		
LCS	Magnesium	10.60		ppm			106	80 - 120		
LCS	Sodium	10.36		ppm			104	80 - 120		
LCS	Sodium Adsorption Ratio	0.54		ppm			100	80 - 120		

AA33602

LCS	Calcium	485.07		ppm			97.0	80 - 120		
LCS	Magnesium	490.28		ppm			98.1	80 - 120		
LCS	Sodium	490.82		ppm			98.2	80 - 120		
LCS	Sodium Adsorption Ratio	3.76		ppm			99.5	80 - 120		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

December 11, 2025

112 High St.
Buffalo, WY 82834
307-262-8975
joel.mason@absarokasolutions.com

Project Manager : Joel Mason/Todd Mayo

Project Name : McCormick 24-3 #6

Project Number : CIT.CO.1054

Attached are the analytical results for McCormick 24-3 #6 CIT.CO.1054 received by Elevation Diagnostics, Division of Environmental Testing on November 21, 2025. This is associated with Elevation's number AA37501 .

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



Division of Environmental Testing

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

Report Date : 12/11/2025

Report Time : 21:16

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

Sample ID	Customer ID	Collected	Dilution	Result	Units	RL	Method Ref.
Analyte Name	Result Date/Time						Recovery
AA37501-1	MC24-3_04-3@2V	Collected : 11/20/2025	09:00				
EC & pH soil by saturated paste - EC, soil		11/25/2025	15:20	1.68	mmhos/cm	0.0005	USDA 60/EPA 9045
EC & pH soil by saturated paste - pH soil Temperature		11/25/2025	15:20	24.00	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		11/25/2025	15:20	8.41	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		11/30/2025	11:59 10.00	1.38	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		11/30/2025	11:59 10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		11/30/2025	11:59 10.00	12.02	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		11/30/2025	11:59 10.00	11.48	No Unit		EPA 6020B
AA37501-2	MC24-3_04-3@2V	Collected : 11/20/2025	09:00				
Chromium VI, Soil		11/26/2025	09:01	<0.08	mg/kg	0.080	EPA 7199
Hot Water Soluble Boron		11/25/2025	09:50	0.70	mg/kg	0.050	Boron Hot Water Extraction
Total Metals, Soils - Arsenic		11/26/2025	16:33 10.00	5.64	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Barium		11/26/2025	16:33 10.00	375.29	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Cadmium		11/26/2025	16:33 10.00	0.18	mg/kg	0.001	EPA 6020B
Total Metals, Soils - Copper		11/26/2025	16:33 10.00	11.13	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Lead		11/26/2025	16:33 10.00	11.25	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Nickel		11/26/2025	16:33 10.00	12.32	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Selenium		11/26/2025	16:33 10.00	2.51	mg/kg	0.025	EPA 6020B
Total Metals, Soils - Silver		11/26/2025	16:33 10.00	<0.25 - RL1	mg/kg	0.25	EPA 6020B
Total Metals, Soils - Zinc		11/26/2025	16:33 10.00	48.57	mg/kg	0.025	EPA 6020B
AA37501-3	MC24-3_04-3@2V	Collected : 11/20/2025	09:00				
DRO & ORO, Soil - DRO		11/26/2025	16:32	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		11/26/2025	16:32	Not Detected	mg/kg	100.00	EPA 8015D
SVOC, Soils - 1-methylnaphthalene		12/03/2025	12:04	Not Detected	mg/kg	0.00313	EPA 8270
SVOC, Soils - 2-methylnaphthalene		12/03/2025	12:04	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Acenaphthene		12/03/2025	12:04	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Anthracene		12/03/2025	12:04	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benz(a)anthracene		12/03/2025	12:04	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(a)pyrene		12/03/2025	12:04	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(b)fluoranthene		12/03/2025	12:04	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Benzo(k)fluoranthene		12/03/2025	12:04	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Chrysene		12/03/2025	12:04	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Dibenz(a,h)anthracene		12/03/2025	12:04	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluoranthene		12/03/2025	12:04	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Fluorene		12/03/2025	12:04	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Indeno(1,2,3-cd)pyrene		12/03/2025	12:04	Not Detected	mg/kg	0.010	EPA 8270
SVOC, Soils - Naphthalene		12/03/2025	12:04	Not Detected	mg/kg	0.00306	EPA 8270
SVOC, Soils - Pyrene		12/03/2025	12:04	Not Detected	mg/kg	0.010	EPA 8270
VOC, Soils - 1,2,4-trimethylbenzene		11/22/2025	00:00	<0.0016 - S	mg/kg	0.0016	EPA 8260
VOC, Soils - 1,3,5-trimethylbenzene		11/22/2025	00:00	<0.0015 - S	mg/kg	0.0015	EPA 8260
VOC, Soils - Benzene		11/22/2025	00:00	Not Detected - S	mg/kg	0.0015	EPA 8260
VOC, Soils - Ethylbenzene		11/22/2025	00:00	<0.0014 - S	mg/kg	0.0014	EPA 8260
VOC, Soils - Gasoline Range Organics		11/22/2025	00:00	<0.223 - S	mg/kg	0.223	EPA 8260
VOC, Soils - m&p- xylene		11/22/2025	00:00	<0.0029 - S	mg/kg	0.0029	EPA 8260



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 12/11/2025

Report Time : 21:16

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

Sample ID	Customer ID	Collected		Dilution	Result	Units	RL	Method Ref.
Analyte Name		Result Date/Time						Recovery
VOC, Soils - o-xylene		11/22/2025	00:00		<0.0014 - S	mg/kg	0.0014	EPA 8260
VOC, Soils - Toluene		11/22/2025	00:00		<0.0016 - S	mg/kg	0.0016	EPA 8260
VOC, Soils - Xylenes, total		11/22/2025	00:00		<0.0043 - S	mg/kg	0.0043	EPA 8260
IS - 1,2-dichloroethane-d4		12/08/2025	00:00		ND	mg/kg		ND
IS - 1,4-Dichlorobenzene-d4		12/03/2025	13:04		0.086	mg/kg		86.00
IS - 4-Bromofluorobenzene		12/03/2025	13:04		0.070	mg/kg		70.0
IS - 4-bromofluorobenzene		12/08/2025	00:00		0.0047	mg/kg		70.0
IS - Acenaphthene-d10		12/03/2025	13:04		0.079	mg/kg		79.00
IS - Chrysene-d12		12/03/2025	13:04		0.090	mg/kg		90.0
IS - Dibromofluoromethane		12/08/2025	00:00		0.0048	mg/kg		48.00
IS - Naphthalene-d8		12/03/2025	13:04		0.077	mg/kg		77.00
IS - Perylene-d12		12/03/2025	13:04		0.070	mg/kg		70.0
IS - Phenanthrene-d10		12/03/2025	13:04		0.080	mg/kg		80.0
IS - Toluene-d8		12/03/2025	13:04		0.064	mg/kg		64.00
IS - Toluene-d8		12/08/2025	00:00		0.0056	mg/kg		64.00



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

FINAL RESULTS REPORT

Report Date : 12/11/2025

Report Time : 21:16

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
BORON-13341										
DUP	AA37401	2.36	0.050	mg/kg					12.3	-15 - 15
MB	AA37516	0.01		mg/kg						
LCS	AA37517	0.99		mg/kg	1.00		99.0	80 - 120		
LCS	AA37518	9.51		mg/kg	9.00		106	80 - 120		
CHROM_VI_SOIL-13337										
DUP	AA37468	<0.08	0.080	mg/kg						
MB	AA37503	0.01		mg/kg						
LCS	AA37505	1.53		mg/kg	1.57		97.5	80 - 120		
LCS	AA37506	1.49		mg/kg	1.57		94.9	80 - 120		



Division of Environmental Testing

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

FINAL RESULTS REPORT

Report Date : 12/11/2025

Report Time : 21:16

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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DRO ORO SOIL-13365

AA37501

Dup	DRO	340.33				Not Detected			0.802	- 30
Dup	ORO	377.24				Not Detected			2.07	- 50
Matrix Spike	DRO	337.61		mg/kg	350	Not Detected	96.5	70 - 130		
Matrix Spike	ORO	369.51		mg/kg	350	Not Detected	106	50 - 150		

AA37561

MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						

AA37562

LCS	DRO	328.24		mg/kg			93.8	70 - 130		
LCS	ORO	371.30		mg/kg			106	50 - 150		

AA37563

LCS	DRO	359.80		mg/kg			103	70 - 130		
LCS	ORO	391.29		mg/kg			112	50 - 150		

EC PH-13408

AA37496

Dup	EC, soil	0.70	0.0005	mmhos/cm		0.72			2.82	- 5
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AA37676

LCS	EC, soil	9.70	0.0005	mmhos/cm			97.0	85 - 115		
LCS	pH, soil	6.89	0.01	SU			100	85 - 115		

AA37677

LCS	EC, soil	9.66	0.0005	mmhos/cm			96.6	85 - 115		
LCS	pH, soil	6.89	0.01	SU			100	85 - 115		

METALS S-13375

AA37500

Dup	Arsenic	5.01	0.025	mg/kg		5.06			0.993	0 - 15
Dup	Barium	204.46	0.025	mg/kg		224.04			9.14	0 - 15
Dup	Cadmium	0.16	0.001	mg/kg		0.17			6.06	0 - 15
Dup	Copper	12.23	0.025	mg/kg		12.14			0.739	0 - 15
Dup	Lead	9.39	0.025	mg/kg		9.70			3.25	0 - 15
Dup	Nickel	10.14	0.025	mg/kg		10.21			0.688	0 - 15
Dup	Selenium	2.80	0.025	mg/kg		2.97			5.89	0 - 15
Dup	Silver	<0.25	0.25	mg/kg		<0.25				
Dup	Zinc	43.63	0.025	mg/kg		47.72			8.95	0 - 15
Matrix Spike	Arsenic	24.80		mg/kg	20	5.06	98.7	80 - 120		
Matrix Spike	Barium	248.04		mg/kg	20	224.04	120	80 - 120		
Matrix Spike	Cadmium	19.97		mg/kg	20	0.17	99.0	80 - 120		
Matrix Spike	Copper	30.67		mg/kg	20	12.14	92.6	80 - 120		
Matrix Spike	Lead	31.98		mg/kg	20	9.70	111	80 - 120		
Matrix Spike	Nickel	29.66		mg/kg	20	10.21	97.2	80 - 120		
Matrix Spike	Selenium	24.25		mg/kg	20	2.97	106	80 - 120		
Matrix Spike	Silver	19.69		mg/kg	20	<0.25	98.4	80 - 120		
Matrix Spike	Zinc	69.93		mg/kg	20	47.72	111	80 - 120		

AA37593



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FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
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						

AA37595

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		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.12		mg/kg			120	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

AA37596

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	0.11		mg/kg			110	80 - 120		
LCS	Lead	0.11		mg/kg			110	80 - 120		
LCS	Nickel	0.11		mg/kg			110	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.12		mg/kg			120	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

SAR-13430

AA37496

Dup	Calcium	1.01		mEq/L	1.01	0.96			5.08	-20
Dup	Magnesium	1.68		mEq/L	1.68	1.63			3.02	-20
Dup	Sodium	3.92		mEq/L	3.92	4.07			3.75	-20
Dup	Sodium Adsorption Ratio	3.38		mEq/L	3.38	3.58			5.75	-20

AA37544

Dup	Calcium	28.93		mEq/L	9.68	26.26			9.68	-20
Dup	Magnesium	38.70		mEq/L	8.88	35.41			8.88	-20
Dup	Sodium	14.88		mEq/L	6.67	13.92			6.67	-20
Dup	Sodium Adsorption Ratio	2.56		mEq/L	1.97	2.51			1.97	-20

AA37758

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

AA37759



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Calcium	9.79		ppm			97.9	80 - 120		
LCS	Magnesium	9.59		ppm			95.9	80 - 120		
LCS	Sodium	9.54		ppm			95.4	80 - 120		
LCS	Sodium Adsorption Ratio	0.52		ppm			96.3	80 - 120		

AA37760

LCS	Calcium	436.39		ppm			87.3	80 - 120		
LCS	Magnesium	423.11		ppm			84.6	80 - 120		
LCS	Sodium	421.16		ppm			84.2	80 - 120		
LCS	Sodium Adsorption Ratio	3.44		ppm			91.0	80 - 120		

SVOC SOIL-13521

AA37871

Dup	1-methylnaphthalene	0.982	0.00313	mg/kg		0.689			19.2	- 30
Dup	2-methylnaphthalene	1.47	0.010	mg/kg		1.04			14.5	- 30
Dup	Acenaphthene	0.413	0.010	mg/kg		Not Detected			23.5	- 30
Dup	Anthracene	0.448	0.010	mg/kg		Not Detected			5.74	- 30
Dup	Benz(a)anthracene	0.381	0.010	mg/kg		0.046			9.05	- 30
Dup	Benzo(a)pyrene	0.433	0.010	mg/kg		Not Detected			5.70	- 30
Dup	Benzo(b)fluoranthene	0.261	0.010	mg/kg		Not Detected			4.86	- 30
Dup	Benzo(k)fluoranthene	0.238	0.010	mg/kg		Not Detected			2.49	- 30
Dup	Chrysene	0.350	0.010	mg/kg		Not Detected			0.573	- 30
Dup	Dibenz(a,h)anthracene	0.383	0.010	mg/kg		Not Detected			14.6	- 30
Dup	Fluoranthene	0.383	0.010	mg/kg		Not Detected			0.786	- 30
Dup	Fluorene	0.377	0.010	mg/kg		0.177			11.0	- 30
Dup	Indeno(1,2,3-cd)pyrene	0.324	0.010	mg/kg		Not Detected			8.03	- 30
Dup	Naphthalene	0.699	0.00306	mg/kg		0.388			10.4	- 30
Dup	Pyrene	0.398	0.010	mg/kg		Not Detected			0.751	- 30
Matrix Spike	1-methylnaphthalene	1.19	0.00313	mg/kg	0.300	0.689	167	70 - 130		
Matrix Spike	2-methylnaphthalene	1.70	0.010	mg/kg	0.300	1.04	220	70 - 130		
Matrix Spike	Acenaphthene	0.326	0.010	mg/kg	0.300	Not Detected	109	70 - 130		
Matrix Spike	Anthracene	0.423	0.010	mg/kg	0.300	Not Detected	141	70 - 130		
Matrix Spike	Benz(a)anthracene	0.348	0.010	mg/kg	0.300	0.046	101	70 - 130		
Matrix Spike	Benzo(a)pyrene	0.409	0.010	mg/kg	0.300	Not Detected	136	70 - 130		
Matrix Spike	Benzo(b)fluoranthene	0.274	0.010	mg/kg	0.300	Not Detected	91.3	70 - 130		
Matrix Spike	Benzo(k)fluoranthene	0.244	0.010	mg/kg	0.300	Not Detected	81.3	70 - 130		
Matrix Spike	Chrysene	0.348	0.010	mg/kg	0.300	Not Detected	116	70 - 130		
Matrix Spike	Dibenz(a,h)anthracene	0.331	0.010	mg/kg	0.300	Not Detected	110	70 - 130		
Matrix Spike	Fluoranthene	0.380	0.010	mg/kg	0.300	Not Detected	127	70 - 130		
Matrix Spike	Fluorene	0.421	0.010	mg/kg	0.300	0.177	81.3	70 - 130		
Matrix Spike	Indeno(1,2,3-cd)pyrene	0.299	0.010	mg/kg	0.300	Not Detected	99.7	70 - 130		
Matrix Spike	Naphthalene	0.776	0.00306	mg/kg	0.300	0.388	129	70 - 130		
Matrix Spike	Pyrene	0.401	0.010	mg/kg	0.300	Not Detected	134	70 - 130		
IS	1,4-Dichlorobenzene-d40	0.092		mg/kg			92.00	50 - 150		
IS	4-Bromofluorobenzene	0.124		mg/kg			124.00	50 - 150		
IS	Acenaphthene-d10	0.091		mg/kg			91.00	50 - 150		
IS	Chrysene-d12	0.095		mg/kg			95.00	50 - 150		
IS	Naphthalene-d8	0.086		mg/kg			86.00	50 - 150		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 12/11/2025

Report Time : 21:16

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
IS	Perylenel-d12	0.101		mg/kg			101.00	50 - 150		
IS	Phenanthrene-d10	0.099		mg/kg			99.00	50 - 150		
IS	Toluene-d8	0.057		mg/kg			57.00	50 - 150		
IS	1,4-Dichlorobenzene-d40.090			mg/kg			90.0	50 - 150		
IS	4-Bromofluorobenzene	0.086		mg/kg			86.00	50 - 150		
IS	Acenaphathene-d10	0.083		mg/kg			83.00	50 - 150		
IS	Chrysene-d12	0.091		mg/kg			91.00	50 - 150		
IS	Naphthalene-d8	0.086		mg/kg			86.00	50 - 150		
IS	Perylenel-d12	0.086		mg/kg			86.00	50 - 150		
IS	Phenanthrene-d10	0.092		mg/kg			92.00	50 - 150		
IS	Toluene-d8	0.089		mg/kg			89.00	50 - 150		
IS	1,4-Dichlorobenzene-d40.097			mg/kg			97.00	50 - 150		
IS	4-Bromofluorobenzene	0.100		mg/kg			100	50 - 150		
IS	Acenaphathene-d10	0.087		mg/kg			87.00	50 - 150		
IS	Chrysene-d12	0.095		mg/kg			95.00	50 - 150		
IS	Naphthalene-d8	0.090		mg/kg			90.0	50 - 150		
IS	Perylenel-d12	0.100		mg/kg			100	50 - 150		
IS	Phenanthrene-d10	0.090		mg/kg			90.0	50 - 150		
IS	Toluene-d8	0.099		mg/kg			99.00	50 - 150		
IS	1,4-Dichlorobenzene-d40.093			mg/kg			93.00	50 - 150		
IS	4-Bromofluorobenzene	0.088		mg/kg			88.00	50 - 150		
IS	Acenaphathene-d10	0.081		mg/kg			81.00	50 - 150		
IS	Chrysene-d12	0.088		mg/kg			88.00	50 - 150		
IS	Naphthalene-d8	0.083		mg/kg			83.00	50 - 150		
IS	Perylenel-d12	0.088		mg/kg			88.00	50 - 150		
IS	Phenanthrene-d10	0.086		mg/kg			86.00	50 - 150		
IS	Toluene-d8	0.086		mg/kg			86.00	50 - 150		
IS	1,4-Dichlorobenzene-d40.095			mg/kg			95.00	50 - 150		
IS	4-Bromofluorobenzene	0.096		mg/kg			96.00	50 - 150		
IS	Acenaphathene-d10	0.088		mg/kg			88.00	50 - 150		
IS	Chrysene-d12	0.090		mg/kg			90.0	50 - 150		
IS	Naphthalene-d8	0.087		mg/kg			87.00	50 - 150		
IS	Perylenel-d12	0.096		mg/kg			96.00	50 - 150		
IS	Phenanthrene-d10	0.090		mg/kg			90.0	50 - 150		
IS	Toluene-d8	0.089		mg/kg			89.00	50 - 150		
IS	1,4-Dichlorobenzene-d40.121			mg/kg			121.00	50 - 150		
IS	4-Bromofluorobenzene	0.070		mg/kg			70.0	50 - 150		
IS	Acenaphathene-d10	0.106		mg/kg			106.00	50 - 150		
IS	Chrysene-d12	0.090		mg/kg			90.0	50 - 150		
IS	Naphthalene-d8	0.101		mg/kg			101.00	50 - 150		
IS	Perylenel-d12	0.070		mg/kg			70.0	50 - 150		
IS	Phenanthrene-d10	0.088		mg/kg			88.00	50 - 150		
IS	Toluene-d8	0.013		mg/kg			13.00	50 - 150		

AA38003

MB	1-methylnaphthalene	<0.00313	0.00313	mg/kg
MB	2-methylnaphthalene	<0.010	0.010	mg/kg
MB	Acenaphthene	Not Detected	0.010	mg/kg



Division of Environmental Testing

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Report Date : 12/11/2025

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FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

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	0.00306	mg/kg						
MB	Pyrene	Not Detected	0.010	mg/kg						
IS	1,4-Dichlorobenzene-d40	110		mg/kg			110.0	50 - 150		
IS	4-Bromofluorobenzene	0.099		mg/kg			99.00	50 - 150		
IS	Acenaphthene-d10	0.096		mg/kg			96.00	50 - 150		
IS	Chrysene-d12	0.105		mg/kg			105.00	50 - 150		
IS	Naphthalene-d8	0.098		mg/kg			98.00	50 - 150		
IS	Perylenel-d12	0.097		mg/kg			97.00	50 - 150		
IS	Phenanthrene-d10	0.108		mg/kg			108.00	50 - 150		
IS	Toluene-d8	0.101		mg/kg			101.00	50 - 150		

AA38004

LCS	1-methylnaphthalene	0.309	0.00313	mg/kg			103	70 - 130		
LCS	2-methylnaphthalene	0.290	0.010	mg/kg			96.7	70 - 130		
LCS	Acenaphthene	0.316	0.010	mg/kg			105	70 - 130		
LCS	Anthracene	0.377	0.010	mg/kg			126	70 - 130		
LCS	Benz(a)anthracene	0.367	0.010	mg/kg			122	70 - 130		
LCS	Benzo(a)pyrene	0.374	0.010	mg/kg			125	70 - 130		
LCS	Benzo(b)fluoranthene	0.250	0.010	mg/kg			83.3	70 - 130		
LCS	Benzo(k)fluoranthene	0.228	0.010	mg/kg			76.0	70 - 130		
LCS	Chrysene	0.299	0.010	mg/kg			99.7	70 - 130		
LCS	Dibenz(a,h)anthracene	0.260	0.010	mg/kg			86.7	70 - 130		
LCS	Fluoranthene	0.374	0.010	mg/kg			125	70 - 130		
LCS	Fluorene	0.315	0.010	mg/kg			105	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.255	0.010	mg/kg			85.0	70 - 130		
LCS	Naphthalene	0.327	0.00306	mg/kg			109	70 - 130		
LCS	Pyrene	0.390	0.010	mg/kg			130	70 - 130		
IS	1,4-Dichlorobenzene-d40	104		mg/kg			104.00	50 - 150		
IS	4-Bromofluorobenzene	0.111		mg/kg			111.00	50 - 150		
IS	Acenaphthene-d10	0.101		mg/kg			101.00	50 - 150		
IS	Chrysene-d12	0.103		mg/kg			103.00	50 - 150		
IS	Naphthalene-d8	0.105		mg/kg			105.00	50 - 150		
IS	Perylenel-d12	0.104		mg/kg			104.00	50 - 150		
IS	Phenanthrene-d10	0.105		mg/kg			105.00	50 - 150		
IS	Toluene-d8	0.113		mg/kg			113.00	50 - 150		

AA38005

LCS	1-methylnaphthalene	0.287	0.00313	mg/kg			95.7	70 - 130		
LCS	2-methylnaphthalene	0.279	0.010	mg/kg			93.0	70 - 130		



Division of Environmental Testing

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FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Acenaphthene	0.290	0.010	mg/kg			96.7	70 - 130		
LCS	Anthracene	0.305	0.010	mg/kg			102	70 - 130		
LCS	Benz(a)anthracene	0.300	0.010	mg/kg			100	70 - 130		
LCS	Benzo(a)pyrene	0.339	0.010	mg/kg			113	70 - 130		
LCS	Benzo(b)fluoranthene	0.235	0.010	mg/kg			78.3	70 - 130		
LCS	Benzo(k)fluoranthene	0.211	0.010	mg/kg			70.3	70 - 130		
LCS	Chrysene	0.264	0.010	mg/kg			88.0	70 - 130		
LCS	Dibenz(a,h)anthracene	0.292	0.010	mg/kg			97.3	70 - 130		
LCS	Fluoranthene	0.316	0.010	mg/kg			105	70 - 130		
LCS	Fluorene	0.327	0.010	mg/kg			109	70 - 130		
LCS	Indeno(1,2,3-cd)pyrene	0.264	0.010	mg/kg			88.0	70 - 130		
LCS	Naphthalene	0.297	0.00306	mg/kg			99.0	70 - 130		
LCS	Pyrene	0.324	0.010	mg/kg			108	70 - 130		
IS	1,4-Dichlorobenzene-d40	0.096		mg/kg			96.00	50 - 150		
IS	4-Bromofluorobenzene	0.089		mg/kg			89.00	50 - 150		
IS	Acenaphthene-d10	0.099		mg/kg			99.00	50 - 150		
IS	Chrysene-d12	0.097		mg/kg			97.00	50 - 150		
IS	Naphthalene-d8	0.095		mg/kg			95.00	50 - 150		
IS	Perylene-d12	0.089		mg/kg			89.00	50 - 150		
IS	Phenanthrene-d10	0.095		mg/kg			95.00	50 - 150		
IS	Toluene-d8	0.087		mg/kg			87.00	50 - 150		

VOC_S-13340

AA37492

Dup	1,2,4-trimethylbenzene	0.027	0.0016	mg/kg		0.0022			13.8	-30
Dup	1,3,5-trimethylbenzene	0.028	0.0015	mg/kg		0.0018			13.3	-30
Dup	Gasoline Range Organics	0.22	0.223	mg/kg		0.404			13.0	
Dup	m&p- xylene	0.059	0.0029	mg/kg		0.0067			30.2	-30
Dup	o-xylene	0.025	0.0014	mg/kg		<0.0014			27.6	-30
Dup	Xylenes, total	0.084	0.0043	mg/kg		0.0067			26.8	-30
Matrix Spike	1,2,4-trimethylbenzene	0.031		mg/kg	0.050	0.0022	57.6	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.032		mg/kg	0.050	0.0018	60.4	70 - 130		
Matrix Spike	Gasoline Range Organics	0.39		mg/kg	2.54	0.404	38.8			
Matrix Spike	m&p- xylene	0.080		mg/kg	0.100	0.0067	73.3	70 - 130		
Matrix Spike	o-xylene	0.033		mg/kg	0.050	<0.0014	66.0	70 - 130		
Matrix Spike	Xylenes, total	0.11		mg/kg	0.150	0.0067	68.9	70 - 130		
IS	4-bromofluorobenzene	0.0045		mg/kg			45.00	50 - 150		
IS	Dibromofluoromethane	0.0057		mg/kg			57.00	50 - 150		
IS	Toluene-d8	0.0068		mg/kg			68.00	50 - 150		
IS	4-bromofluorobenzene	0.0040		mg/kg			40.0	50 - 150		
IS	Dibromofluoromethane	0.0046		mg/kg			46.00	50 - 150		
IS	Toluene-d8	0.0062		mg/kg			62.00	50 - 150		
IS	4-bromofluorobenzene	0.0069		mg/kg			69.00	50 - 150		
IS	Dibromofluoromethane	0.0066		mg/kg			66.00	50 - 150		
IS	Toluene-d8	0.0088		mg/kg			88.00	50 - 150		
IS	4-bromofluorobenzene	0.0049		mg/kg			49.00	50 - 150		
IS	Dibromofluoromethane	0.0051		mg/kg			51.00	50 - 150		



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

Report Date : 12/11/2025

Report Time : 21:16

FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
IS	Toluene-d8	0.0064		mg/kg			64.00	50 - 150		
IS	4-bromofluorobenzene	0.0052		mg/kg			52.00	50 - 150		
IS	Dibromofluoromethane	0.0056		mg/kg			56.00	50 - 150		
IS	Toluene-d8	0.0079		mg/kg			79.00	50 - 150		
IS	4-bromofluorobenzene	0.0047		mg/kg			47.00	50 - 150		
IS	Dibromofluoromethane	0.0051		mg/kg			51.00	50 - 150		
IS	Toluene-d8	0.0056		mg/kg			56.00	50 - 150		
IS	4-bromofluorobenzene	0.0055		mg/kg			55.00	50 - 150		
IS	Dibromofluoromethane	0.0057		mg/kg			57.00	50 - 150		
IS	Toluene-d8	0.0070		mg/kg			70.0	50 - 150		
IS	4-bromofluorobenzene	0.0071		mg/kg			71.00	50 - 150		
IS	Dibromofluoromethane	0.0068		mg/kg			68.00	50 - 150		
IS	Toluene-d8	0.0085		mg/kg			85.00	50 - 150		
IS	4-bromofluorobenzene	0.0052		mg/kg			52.00	50 - 150		
IS	Dibromofluoromethane	0.0052		mg/kg			52.00	50 - 150		
IS	Toluene-d8	0.0059		mg/kg			59.00	50 - 150		

AA37513

MB	1,2,4-trimethylbenzene	<0.0016		mg/kg						
MB	1,3,5-trimethylbenzene	<0.0015		mg/kg						
MB	Benzene	Not Detected		mg/kg						
MB	Ethylbenzene	<0.0014		mg/kg						
MB	Gasoline Range Organics	2.23		mg/kg						
MB	m&p- xylene	<0.0029		mg/kg						
MB	o-xylene	Not Detected		mg/kg						
MB	Toluene	<0.0016		mg/kg						
MB	Xylenes, total	<0.0043		mg/kg						
IS	4-bromofluorobenzene	0.0090		mg/kg			90.0	50 - 150		
IS	Dibromofluoromethane	0.0079		mg/kg			79.00	50 - 150		
IS	Toluene-d8	0.0086		mg/kg			86.00	50 - 150		

AA37514

LCS	1,2,4-trimethylbenzene	0.045		mg/kg			90.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.047		mg/kg			94.0	70 - 130		
LCS	Benzene	0.045		mg/kg			90.0	70 - 130		
LCS	Ethylbenzene	0.038		mg/kg			76.0	70 - 130		
LCS	Gasoline Range Organic	2.64		mg/kg			104			
LCS	m&p- xylene	0.088		mg/kg			88.0	70 - 130		
LCS	o-xylene	0.042		mg/kg			84.0	70 - 130		
LCS	Toluene	0.042		mg/kg			84.0	70 - 130		
LCS	Xylenes, total									
IS	4-bromofluorobenzene	0.0099		mg/kg			99.00	50 - 150		
IS	Dibromofluoromethane	0.0100		mg/kg			100.0	50 - 150		
IS	Toluene-d8	0.0103		mg/kg			103.00	50 - 150		

AA37515

LCS	1,2,4-trimethylbenzene	0.045		mg/kg			90.0	70 - 130		
LCS	1,3,5-trimethylbenzene	0.046		mg/kg			92.0	70 - 130		
LCS	Benzene	0.043		mg/kg			86.0	70 - 130		



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FINAL RESULTS REPORT

Project Manager: Joel Mason/Todd Mayo

Project Name: McCormick 24-3 #6

Project Number: CIT.CO.1054

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Ethylbenzene	0.036		mg/kg			72.0	70 - 130		
LCS	Gasoline Range Organics	2.48		mg/kg			97.6			
LCS	m&p- xylene	0.085		mg/kg			85.0	70 - 130		
LCS	o-xylene	0.040		mg/kg			80.0	70 - 130		
LCS	Toluene	0.040		mg/kg			80.0	70 - 130		
LCS	Xylenes, total	0.13		mg/kg			86.7	70 - 130		
IS	4-bromofluorobenzene	0.010		mg/kg			100	50 - 150		
IS	Dibromofluoromethane	0.010		mg/kg			100	50 - 150		
IS	Toluene-d8	0.0097		mg/kg			97.00	50 - 150		

Qualifier	Explanation
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.
EST	The concentration indicated has been estimated due to high analyte content.
E	Electronic loss or corruption of data.
I	Subcontracted sample