



**Division of Environmental Testing**

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

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November 17, 2025

143 Diamond Ave  
Parachute, CO 81635  
970-285-2925

**Project Manager :** Brett Middleton

**Project Name :** C10

**Project Number :** 909J

Attached are the analytical results for C10 909J received by Elevation Diagnostics, Division of Environmental Testing on October 30, 2025. This is associated with Elevation's number AA35540 .

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



**ECMC Rule 909. J Analyte List**

- pH;
- Specific conductance;
- Total dissolved and suspended solids (TDS and TSS);
- Alkalinity (total, bicarbonate, and carbonate as CaCO<sub>3</sub>);
- Major anions (bromide, chloride, fluoride, sulfate, nitrate and nitrite as N, and phosphorus);
- Major cations (calcium, iron, magnesium, manganese, potassium, and sodium);
- Other elements (barium, boron, selenium, and strontium);
- Naphthalene;
- Total petroleum hydrocarbons ("TPH") as total volatile hydrocarbons (C6 to C 10) and total extractable hydrocarbons (C 10 to C 36);
- BTEX compounds (benzene, toluene, ethylbenzene, and xylenes); and
- Radium ( 226 Ra and 228Ra).



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 Aurora, CO 80045  
 800-440-5184

**Report Date :** 11/17/2025

**Report Time :** 16:16

**FINAL RESULTS REPORT**

**Project Manager:** Brett Middleton

**Project Name:** C10

**Project Number:** 909J

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name	Result Date/Time						Recovery
<b>AA35540-1</b>	20251029-OMSOURCE-(C10-696-T)	<b>Collected :</b> 10/29/2025	09:20				
Anions - Bromide		10/31/2025	10:49	10.00	66.17	mg/L	0.05 EPA 300.0
Anions - Chloride		10/31/2025	10:49	5,000.00	8499.96	mg/L	0.05 EPA 300.0
Anions - Fluoride		10/31/2025	10:49	10.00	0.72	mg/L	0.05 EPA 300.0
Anions - Nitrate		10/31/2025	10:49	10.00	0.87	mg/L	0.05 EPA 300.0
Anions - Nitrite		10/31/2025	10:49	10.00	Not Detected - RL1	mg/L	0.50 EPA 300.0
Anions - Sulfate		10/31/2025	10:49	10.00	8.15	mg/L	0.05 EPA 300.0
Bicarbonate Alkalinity		11/05/2025	14:35		461.19	mg/L	SM 2320B
Carbonate Alkalinity		11/05/2025	14:38		0.00	mg/L	SM 2320B
Conductivity		10/31/2025	11:13		2670	µS/cm	20 EPA 9050A & 120.1
Nitrate as Nitrogen		11/04/2025	15:57	10.00	0.20		0.01
Nitrate, Anions		11/04/2025	15:57	10.00	0.87		0.05
Nitrate as Nitrogen		11/04/2025	15:57	10.00	Not Detected - RL1		0.15
Nitrite, Anions		11/04/2025	15:57	10.00	Not Detected - RL1		0.50
pH, Water Temperature		11/05/2025	14:22		15.50	°C	
pH, Water		11/05/2025	14:22		6.30 - H1	SU	0.01 EPA9040C, EPA150.1
Sum of Nitrate and Nitrite as Nitrogen		11/04/2025	15:57	10.00	0.20		
Total Alkalinity		11/05/2025	14:31		461.19	mg/L	SM 2320B
Total Dissolved Solids		11/04/2025	13:36		14372	mg/L	10.00 SM2540C, EPA160.1
Total Suspended Solids		11/03/2025	16:15		40	mg/L	4.00 SM2540D, EPA160.2
<b>AA35540-2</b>	20251029-OMSOURCE-(C10-696-T)	<b>Collected :</b> 10/29/2025	09:20				
Total Metals, Aqueous - Barium		11/06/2025	08:05	100.00	32823.25	µg/L	0.283 EPA6020B
Total Metals, Aqueous - Boron		11/06/2025	08:05	100.00	6686.97	µg/L	10.000 EPA6020B
Total Metals, Aqueous - Calcium		11/06/2025	08:05	1,000.00	336432.88	µg/L	20.000 EPA6020B
Total Metals, Aqueous - Iron		11/06/2025	08:05	100.00	38780.20	µg/L	10.000 EPA6020B
Total Metals, Aqueous - Magnesium		11/06/2025	08:05	100.00	11474.30	µg/L	20.000 EPA6020B
Total Metals, Aqueous - Manganese		11/06/2025	08:05	10.00	584.16	µg/L	0.500 EPA6020B
Total Metals, Aqueous - Phosphorus		11/06/2025	08:05	10.00	2019.93	µg/L	10.000 EPA6020B
Total Metals, Aqueous - Potassium		11/06/2025	08:05	100.00	39409.99	µg/L	25.000 EPA6020B
Total Metals, Aqueous - Selenium		11/06/2025	08:05	10.00	<0.99	µg/L	0.985 EPA6020B
Total Metals, Aqueous - Sodium		11/06/2025	08:05	100,000.00	8634084.33	µg/L	20.000 EPA6020B
Total Metals, Aqueous - Strontium		11/06/2025	08:05	100.00	17330.95	µg/L	0.250 EPA6020B
<b>AA35540-3</b>	20251029-OMSOURCE-(C10-696-T)	<b>Collected :</b> 10/29/2025	09:20				
Radium-226		11/14/2025	13:27		11.2 - I	pCi/L	1.00 EPA 903.1
Radium-228		11/14/2025	13:27		14.3 - I	pCi/L	3.00 EPA 904.0
<b>AA35540-4</b>	20251029-OMSOURCE-(C10-696-T)	<b>Collected :</b> 10/29/2025	09:20				
DRO/ORO, Aqueous - DRO		11/13/2025	08:57	2.00	70.18	mg/L	0.613 EPA 8015D, TCEQ
DRO/ORO, Aqueous - ORO		11/13/2025	08:57		<12.264	mg/L	12.264 EPA 8015D, TCEQ
Volatile Organic Compounds - Benzene		11/07/2025	00:00	100.00	16781.39	µg/L	1.00 EPA 8260d
Volatile Organic Compounds - Ethylbenzene		11/07/2025	00:00	100.00	950.03	µg/L	1.00 EPA 8260d
Volatile Organic Compounds - Gasoline Range Organics		11/07/2025	00:00	100.00	241273.59	µg/L	225.80 EPA 8260d
Volatile Organic Compounds - m&p-Xylene		11/07/2025	00:00	100.00	11468.05	µg/L	1.81 EPA 8260d
Volatile Organic Compounds - Naphthalene		11/07/2025	00:00	100.00	137.18	µg/L	0.50 EPA 8260d
Volatile Organic Compounds - o-Xylene		11/07/2025	00:00	100.00	1905.92	µg/L	0.99 EPA 8260d



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Sample ID	Customer ID	Collected		Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Result Date/Time						Recovery
Volatile Organic Compounds - Toluene		11/07/2025	00:00	200.00	39238.86	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total		11/07/2025	00:00	100.00	13373.97	µg/L	2.80	EPA 8260d



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**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
<b>ALKALINITY-12881</b>										
DUP	AA35540	457.47		mg CaCO3/L					0.80988	- 20
LCS	AA36049	40.91		mg CaCO3/L	40.00		102	80 - 120		
LCS	AA36050	981.90		mg CaCO3/L	1000.00		98.2	80 - 120		
<b>CONDUCTANCE_EPA-12773</b>										
DUP	AA35186	2920	20	µS/cm					0.34305	-5 - 5
LCS	AA35650	9130	20	µS/cm	10003		91.3	80 - 115		
LCS	AA35651	9190	20	µS/cm	10003		91.9	80 - 115		
<b>PH_W-12889</b>										
DUP	AA35540	6.33	0.01	S.U.					0.47506	-5 - 5
LCS	AA36064	6.88	0.01	S.U.	6.86		100	95 - 105		
LCS	AA36065	6.89	0.01	S.U.	6.86		100	95 - 105		
<b>TDS-12793</b>										
MB	AA35747	Not Detected	10.00	mg/L						
LCS	AA35748	493	10	mg/L	500		98.6	85 - 115		
DUP	AA35749	493		mg/L					1.61	- 20
LCS	AA35749	501	10	mg/L	500		100	85 - 115		
<b>TSS-12794</b>										
MB	AA35750	Not Detected	4	mg/L						
LCS	AA35751	477		mg/L	500		95.4	85 - 115		
DUP	AA35752	477		mg/L					0.42017	- 10
LCS	AA35752	475		mg/L	500		95.0	85 - 115		



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**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
<b>ANIONS-12735</b>										
<b>AA35506</b>										
Dup	Chloride	312.71		ppm		96.64			1.28	- 15
Dup	Sulfate	280.85		ppm		65.74			1.99	- 15
Matrix Spike	Chloride	308.72		ppm	202.00	96.64	105	80 - 120		
Matrix Spike	Sulfate	275.32		ppm	202.00	65.74	104	80 - 120		
<b>AA35520</b>										
MB	Bromide	Not Detected		ppm						
MB	Chloride	Not Detected		ppm						
MB	Fluoride	Not Detected		ppm						
MB	Nitrate	Not Detected		ppm						
MB	Nitrite	Not Detected		ppm						
MB	Sulfate	0.01		ppm						
<b>AA35521</b>										
LCS	Bromide	2.10		ppm			105	90 - 110		
LCS	Chloride	2.07		ppm			104	90 - 110		
LCS	Fluoride	2.03		ppm			102	90 - 110		
LCS	Nitrate	2.06		ppm			103	90 - 110		
LCS	Nitrite	2.07		ppm			104	90 - 110		
LCS	Sulfate	2.03		ppm			102	90 - 110		
<b>AA35522</b>										
LCS	Bromide	2.02		ppm			101	90 - 110		
LCS	Chloride	1.99		ppm			99.5	90 - 110		
LCS	Fluoride	1.93		ppm			96.5	90 - 110		
LCS	Nitrate	2.01		ppm			100	90 - 110		
LCS	Nitrite	1.98		ppm			99.0	90 - 110		
LCS	Sulfate	2.00		ppm			100	90 - 110		
<b>DRO ORO AQUEOUS-12931</b>										
<b>AA35989</b>										
Matrix Spike	DRO	40.71		mg/L	35	Not Detected	116			
Matrix Spike	ORO	43.81		mg/L	35	Not Detected	125			
MSD	DRO	38.29		mg/L		Not Detected			.12658227848	
MSD	ORO	39.35		mg/L		Not Detected			0.7263107263	
<b>AA36211</b>										
MB	DRO	Not Detected		mg/L						
MB	ORO	Not Detected		mg/L						
<b>AA36212</b>										
LCS	DRO	36.86		mg/L			105	70 - 130		
LCS	ORO	47.57		mg/L			136	50 - 150		
<b>AA36213</b>										
LCS	DRO	36.67		mg/L			105	70 - 130		
LCS	ORO	41.20		mg/L			118	50 - 150		
<b>METALS W-12830</b>										
<b>AA35652</b>										
Dup	Arsenic	109.72	0.000	µg/L		0.34			1.46	0 - 15



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QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Iron	212.27	0.000	µg/L		117.04			1.36	0 - 15
Dup	Phosphorous	105.49	0.000	µg/L		<20.00			4.21	0 - 15
Dup	Uranium	135.61	0.000	µg/L		29.37			1.44	0 - 15
Matrix Spike	Arsenic	108.13	0.000	µg/L	100	0.34	107.7900	80 - 120		
Matrix Spike	Iron	215.17	0.000	µg/L	100	117.04	98.1300	80 - 120		
Matrix Spike	Phosphorous	110.03	0.000	µg/L	100	<20.00	110.0300	80 - 120		
Matrix Spike	Uranium	137.58	0.000	µg/L	100	29.37	108.2100	80 - 120		

**AA35845**

MB	Aluminum	2.14		µg/L						
MB	Arsenic	0.01		µg/L						
MB	Barium	0.04		µg/L						
MB	Boron	0.01		µg/L						
MB	Cadmium	0.00		µg/L						
MB	Calcium	16.31		µg/L						
MB	Iron	0.15		µg/L						
MB	Lead	0.04		µg/L						
MB	Magnesium	2.81		µg/L						
MB	Manganese	0.01		µg/L						
MB	Molybdenum	0.00		µg/L						
MB	Nickel	-0.01		µg/L						
MB	Phosphorous	-1.23		µg/L						
MB	Potassium	0.66		µg/L						
MB	Selenium	0.00		µg/L						
MB	Sodium	12.31		µg/L						
MB	Strontium	0.16		µg/L						
MB	Uranium	0.00		µg/L						
MB	Zinc	0.46		µg/L						

**AA35847**

LCS	Aluminum	90.34	10.000	µg/L			100	80 - 120		
LCS	Arsenic	93.14	0.100	µg/L			103	80 - 120		
LCS	Barium	90.41	0.025	µg/L			100	80 - 120		
LCS	Boron	91.92	25.000	µg/L			102	80 - 120		
LCS	Cadmium	95.87	0.050	µg/L			107	80 - 120		
LCS	Calcium	895.78	25.000	µg/L			99.5	80 - 120		
LCS	Iron	92.56	20.000	µg/L			103	80 - 120		
LCS	Lead	95.51	0.100	µg/L			106	80 - 120		
LCS	Magnesium	93.17	25.000	µg/L			104	80 - 120		
LCS	Manganese	93.50	0.050	µg/L			104	80 - 120		
LCS	Molybdenum	87.03	0.250	µg/L			96.7	80 - 120		
LCS	Nickel	94.26	0.250	µg/L			105	80 - 120		
LCS	Phosphorous	87.10	10.000	µg/L			96.8	80 - 120		
LCS	Potassium	91.13	25.000	µg/L			101	80 - 120		
LCS	Selenium	85.02	1.000	µg/L			94.5	80 - 120		
LCS	Sodium	97.23	25.000	µg/L			108	80 - 120		
LCS	Strontium	95.57	0.025	µg/L			106	80 - 120		
LCS	Uranium	95.97	0.025	µg/L			107	80 - 120		
LCS	Zinc	94.40	10.000	µg/L			105	80 - 120		



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**FINAL RESULTS REPORT**

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**Project Name:** C10

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**QC Report**

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
<b>AA35848</b>										
LCS	Aluminum	81.43	10.000	µg/L			90.5	80 - 120		
LCS	Arsenic	90.18	0.100	µg/L			100	80 - 120		
LCS	Barium	81.45	0.025	µg/L			90.5	80 - 120		
LCS	Boron	81.75	25.000	µg/L			90.8	80 - 120		
LCS	Cadmium	93.86	0.050	µg/L			104	80 - 120		
LCS	Calcium	869.25	25.000	µg/L			96.6	80 - 120		
LCS	Iron	87.75	20.000	µg/L			97.5	80 - 120		
LCS	Lead	97.72	0.100	µg/L			109	80 - 120		
LCS	Magnesium	84.95	25.000	µg/L			94.4	80 - 120		
LCS	Manganese	89.23	0.050	µg/L			99.1	80 - 120		
LCS	Molybdenum	76.95	0.250	µg/L			85.5	80 - 120		
LCS	Nickel	90.64	0.250	µg/L			101	80 - 120		
LCS	Phosphorous	86.71	10.000	µg/L			96.3	80 - 120		
LCS	Potassium	93.44	25.000	µg/L			104	80 - 120		
LCS	Selenium	73.49	1.000	µg/L			81.7	80 - 120		
LCS	Sodium	97.30	25.000	µg/L			108	80 - 120		
LCS	Strontium	94.91	0.025	µg/L			105	80 - 120		
LCS	Uranium	96.25	0.025	µg/L			107	80 - 120		
LCS	Zinc	91.72	10.000	µg/L			102	80 - 120		

**VOC 8260 W-12742**

**AA35542**

Dup	1,2-Dichloroethane	0.057		mg/L		Not Detected			5.41	- 30
Dup	Benzene	0.056		mg/L		<0.0010			5.50	- 30
Dup	Ethylbenzene	0.046		mg/L		Not Detected			4.44	- 30
Dup	Gasoline Range Organics	3.43		mg/L		0.236			4.17	
Dup	Naphthalene	0.058		mg/L		<0.00050			<%MDL%	- 30
Dup	Toluene	0.047		mg/L		<0.0010			6.59	- 30
Dup	Xylene, total	0.14		mg/L					7.41	- 30
Matrix Spike	1,2-Dichloroethane	0.054		mg/L	0.050	Not Detected	108	70 - 130		
Matrix Spike	Benzene	0.053		mg/L	0.050	<0.0010	106	70 - 130		
Matrix Spike	Ethylbenzene	0.044		mg/L	0.050	Not Detected	88.0	70 - 130		
Matrix Spike	Gasoline Range Organics	3.29		mg/L	2.540	0.236	120			
Matrix Spike	Naphthalene	0.058		mg/L	0.050	<0.00050	116	70 - 130		
Matrix Spike	Toluene	0.044		mg/L	0.050	<0.0010	88.0	70 - 130		
Matrix Spike	Xylene, total	0.13		mg/L						

**AA35577**

MB	1,2,4-Trimethylbenzene	Not Detected		µg/L						
MB	1,2-Dichloroethane	Not Detected		µg/L						
MB	1,3,5-Trimethylbenzene	<1.00		µg/L						
MB	Benzene	<1.00		µg/L						
MB	Ethylbenzene	Not Detected		µg/L						
MB	Gasoline Range Organics	Not Detected		µg/L						
MB	m&p-Xylene	Not Detected		µg/L						
MB	Naphthalene	<0.50		µg/L						
MB	o-Xylene	Not Detected		µg/L						



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**QC Report**

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MB	Toluene	<1.00		µg/L						
MB	Xylene, total	Not Detected		µg/L						

**AA35578**

LCS	1,2,4-Trimethylbenzene	38.22		µg/L			76.4	70 - 130		
LCS	1,2-Dichloroethane	53.33		µg/L			107	70 - 130		
LCS	1,3,5-Trimethylbenzene	39.21		µg/L			78.4	70 - 130		
LCS	Benzene	51.34		µg/L			103	70 - 130		
LCS	Ethylbenzene	43.01		µg/L			86.0	70 - 130		
LCS	Gasoline Range Organics	107.46		µg/L			121			
LCS	m&p-Xylene	82.08		µg/L			82.1	70 - 130		
LCS	Naphthalene	57.54		µg/L			115	70 - 130		
LCS	o-Xylene	48.27		µg/L			96.5	70 - 130		
LCS	Toluene	42.57		µg/L			85.1	70 - 130		
LCS	Xylene, total	130.35		µg/L			86.9	70 - 130		

**AA35579**

LCS	1,2,4-Trimethylbenzene	40.89		µg/L			81.8	70 - 130		
LCS	1,2-Dichloroethane	51.21		µg/L			102	70 - 130		
LCS	1,3,5-Trimethylbenzene	41.84		µg/L			83.7	70 - 130		
LCS	Benzene	52.03		µg/L			104	70 - 130		
LCS	Ethylbenzene	45.75		µg/L			91.5	70 - 130		
LCS	Gasoline Range Organics	103.65		µg/L			108			
LCS	m&p-Xylene	85.40		µg/L			85.4	70 - 130		
LCS	Naphthalene	61.67		µg/L			123	70 - 130		
LCS	o-Xylene	51.07		µg/L			102	70 - 130		
LCS	Toluene	45.34		µg/L			90.7	70 - 130		
LCS	Xylene, total	136.47		µg/L			91.0	70 - 130		



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Analyte Name		Result Date/Time					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