Division of Environmental Testing
2115 N Scranton St Suite 3040A
Aurora, CO 80045
800-440-5184

May 06, 2025

1301 Academy St.
Fort Collins, CO 80525
800-288-2657
lglazier@cgrs.com

Project Manager :	Lauren Glazier
Project Name :	Chaco 909J 2025
Project Number :	N/A

Attached are the analytical results for Chaco 909J 2025 N/A received by Elevation Diagnostics, Division of Environmental Testing on April 02, 2025. This is associated with Elevation's number AA20198 .

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: CGRS
Address: 1301 Academy Ct
City/State/ZIP: Fort Collins, CO 80525
Phone: 315-657-4720
Project Contact: Lauren Glazier

Project Name: Chaco 909J 2025
Project Location:
Collector Name: Connor Newt

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative: Other	Matrix: Water	Matrix: Soil	Matrix: Other	Analysis Requested: pH, Conductivity	Analysis Requested: TDS, TSS, Alkalinity	Analysis Requested: Br, Cl, F, SO_4, P, NO_2,	Analysis Requested: Sum of NO_3 & NO_2	Analysis Requested: Ca, Fe, Mg, Mn, K, Na, Ba, B, Se, Sr	Analysis Requested: BTEX - N	Analysis Requested: TPH (GRO, ORO, DRO)	Analysis Requested: Ra 226, Ra 228	Notes
1	Ruth B Horn	4/1/25	10:45	10	6	3	1		X			X	X	X	X	X	X	X	X	771748
2	Eggleston	↓	11:15	↓	↓	↓	↓		↓			↓	↓	↓	↓	↓	↓	↓	↓	234575
3	Query	↓	12:30	↓	↓	↓	↓		↓			↓	↓	↓	↓	↓	↓	↓	↓	234358
4																				
5																				
6																				
7																				
8																				
9																				
10																				

N-BTEX Includes- o-xylene, m-+p-xylene, total xylenes, and Naphthalene

909J table 3-1

ECMC Facility ID:

AA20198 AA20199 AA20200-1

Relinquished By: [signature]
Date/Time: 4-1-25 4:45

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: 5.7°C
Thermometer #: EDVE0238
Correction Factor: +1.3°C

Samples Intact: (Yes) No
pH Checked: (Yes) No 10+205423
pH Adjusted: Yes (No)
Name/Lot Number of Adjustment:

2025-04-03-001

EFOR-008.002

Division of Environmental Testing
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FINAL RESULTS REPORT

Report Date : 5/6/2025
Report Time : 15:56

Project Manager: Lauren Glazier **Project Name:** Chaco 909J 2025 **Project Number:** N/A

Sample ID / Analyte Name	Customer ID	Collected / Analysis Start	Dilution	Result	Units	MDL	Method Ref. / Recovery
AA20198-1	Ruth B Horn	**Collected :** 04/01/2025	10:45				
Anions - Bromide		04/07/2025	14:03	5.00	1.70	mg/L	0.10	EPA 300.0
Anions - Chloride		04/07/2025	14:03	101.00	271.45	mg/L	0.20	EPA 300.0
Anions - Fluoride		04/07/2025	14:03	5.00	6.88	mg/L	0.10	EPA 300.0
Anions - Sulfate		04/07/2025	14:03	5.00	<1.00 - RL1	mg/L	1.00	EPA 300.0
Bicarbonate Alkalinity		04/10/2025	14:34		1180.36	mg/L		SM 2320B
Carbonate Alkalinity		04/10/2025	14:38		0	mg/L		SM 2320B
Conductivity		04/08/2025	17:08		2800	µS/cm	20	EPA 9050A & 120.1
Nitrate-N		04/03/2025	09:22		Not Detected	mg/L	0.20	HACH 10206
Nitrite-N		04/03/2025	09:30		<0.02	mg/L	0.02	HACH 10207
pH, Water Temperature		04/10/2025	14:17		14.1	°C		
pH, Water		04/10/2025	14:17		7.95 - H1	S.U.	0.01	EPA9040C, EPA150.1
Sum of Nitrate and Nitrite as Nitrogen		04/03/2025	09:33		<0.20			
Total Alkalinity		04/10/2025	14:29		1180.36	mg/L		SM 2320B
Total Dissolved Solids		04/08/2025	13:29		1734	mg/L	10.00	SM2540C, EPA160.1
Total Suspended Solids		04/08/2025	13:50		13	mg/L	4.00	SM2540D, EPA160.2
AA20198-2	Ruth B Horn	**Collected :** 04/01/2025	10:45				
Total Metals, Aqueous - Barium		04/14/2025	10:10	2.00	141.21	µg/L	0.283	EPA3010A&3005A
Total Metals, Aqueous - Boron		04/14/2025	10:10	10.00	2188.55	µg/L	10.000	EPA3010A&3005A
Total Metals, Aqueous - Calcium		04/14/2025	10:10	100.00	7576.78	µg/L	20.000	EPA3010A&3005A
Total Metals, Aqueous - Iron		04/14/2025	10:10	2.00	278.39	µg/L	10.000	EPA3010A&3005A
Total Metals, Aqueous - Magnesium		04/14/2025	10:10	10.00	387.82	µg/L	20.000	EPA3010A&3005A
Total Metals, Aqueous - Manganese		04/14/2025	10:10	2.00	7.56	µg/L	0.500	EPA3010A&3005A
Total Metals, Aqueous - Phosphorous		04/14/2025	10:10	2.00	53.23	µg/L	10.000	EPA3010A&3005A
Total Metals, Aqueous - Potassium		04/14/2025	10:10	100.00	5782.77	µg/L	25.000	EPA3010A&3005A
Total Metals, Aqueous - Selenium		04/14/2025	10:10	10.00	Not Detected - RL1	µg/L	9.85	EPA3010A&3005A
Total Metals, Aqueous - Sodium		04/14/2025	10:10	10,000.00	837412.99	µg/L	20.000	EPA3010A&3005A
Total Metals, Aqueous - Strontium		04/14/2025	10:10	2.00	57.60	µg/L	0.250	EPA3010A&3005A
AA20198-3	Ruth B Horn	**Collected :** 04/01/2025	10:45				
DRO/ORO, Aqueous - DRO		04/10/2025	00:00		42.52	mg/L	0.613	EPA 8015D, TCEQ
DRO/ORO, Aqueous - ORO		04/10/2025	00:00		32.43	mg/L	12.264	EPA 8015D, TCEQ
Volatile Organic Compounds - Benzene		04/09/2025	16:33		4.33	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene		04/09/2025	16:33		18.65	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Gasoline Range Organics		04/09/2025	16:33		2003.56	µg/L	225.80	EPA 8260d
Volatile Organic Compounds - m&p-Xylene		04/09/2025	16:33		101.79	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - Naphthalene		04/09/2025	16:33		15.48	µg/L	0.50	EPA 8260d
Volatile Organic Compounds - o-Xylene		04/09/2025	16:33		30.54	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene		04/09/2025	16:33		14.00	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total		04/09/2025	16:33		132.33	µg/L	2.80	EPA 8260d
AA20198-4	Ruth B Horn	**Collected :** 04/01/2025	10:45				
Radium-226		04/30/2025	08:52		2.01 - I	pCi/L	1.00	EPA 903.1
Radium-228		04/30/2025	08:52		2.92 - I	pCi/L	3.00	EPA 904.0

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Report Date : 5/6/2025
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Project Manager: Lauren Glazier **Project Name:** Chaco 909J 2025 **Project Number:** N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
ALKALINITY-8010										
DUP	AA20142	1202.56		mg CaCO3/L					<%MDL%	- 20
LCS	AA20687	41.67		mg CaCO3/L	40		104	80 - 120		
LCS	AA20688	976.85		mg CaCO3/L	1000		97.7	80 - 120		
CONDUCTANCE_EPA-7992										
DUP	AA20142	3480	20	µS/cm					3.3898	-5 - 5
LCS	AA20591	9960	20	µS/cm	10012		99.5	80 - 115		
LCS	AA20592	10300	20	µS/cm	10012		103	80 - 115		
NITRATE-7902										
DUP	AA20142	<0.20	0.20	mg/L						
MB	AA20207	-0.04	0.20	mg/L						
LCS	AA20208	0.48	0.20	mg/L	0.50		96.0	80 - 120		
LCS	AA20209	12.45	0.20	mg/L	12.0		104	80 - 120		
NITRITE-7904										
DUP	AA20142	<0.02	0.05	mg/L						
MB	AA20211	-0.01	0.05	mg/L						
LCS	AA20212	0.03	0.05	mg/L	0.03		100	80 - 120		
LCS	AA20213	0.55	0.05	mg/L	0.55		100	80 - 120		
PH_W-8012										
DUP	AA20142	8.10	0.01	S.U.					0.24661	-5 - 5
LCS	AA20694	6.84	0.01	S.U.	6.86		99.7	95 - 105		
LCS	AA20695	6.86	0.01	S.U.	6.86		100	95 - 105		
TDS-7949										
MB	AA20440	Not Detected	10.00	mg/L						
LCS	AA20441	480	10	mg/L	500		96.0	85 - 115		
DUP	AA20442	480		mg/L					2.67	- 20
LCS	AA20442	493	10	mg/L	500		98.6	85 - 115		
TSS-7977										
MB	AA20548	Not Detected	4	mg/L						
LCS	AA20549	462		mg/L	500		92.4	85 - 115		
DUP	AA20550	462		mg/L					7.0981	- 20
LCS	AA20550	496		mg/L	500		99.2	85 - 115		

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Project Manager: Lauren Glazier **Project Name:** Chaco 909J 2025 **Project Number:** N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
ANIONS-7926										
AA20142										
Dup	Bromide	11.96		ppm		2.23			0.0836	- 15
Dup	Chloride	591.77		ppm		384.28			0.537	- 15
Dup	Fluoride	16.22		ppm		6.17			0.123	- 15
Dup	Sulfate	432.24		ppm		233.97			0.641	- 15
Matrix Spike	Bromide	11.97		ppm	10.00	2.23	97.4	80 - 120		
Matrix Spike	Chloride	588.60		ppm	202.00	384.28	101	80 - 120		
Matrix Spike	Fluoride	16.24		ppm	10	6.17	101	80 - 120		
Matrix Spike	Sulfate	429.48		ppm	202.00	233.97	96.8	80 - 120		
AA20317										
MB	Bromide	Not Detected		ppm						
MB	Chloride	0.01		ppm						
MB	Fluoride	Not Detected		ppm						
MB	Nitrate	Not Detected		ppm						
MB	Nitrite	Not Detected		ppm						
MB	Sulfate	0.04		ppm						
AA20318										
LCS	Bromide	1.95		ppm			97.5			
LCS	Chloride	1.94		ppm			97.0			
LCS	Fluoride	1.99		ppm			99.5			
LCS	Nitrate	1.93		ppm			96.5			
LCS	Nitrite	1.97		ppm			98.5			
LCS	Sulfate	1.92		ppm			96.0			
AA20319										
LCS	Bromide	1.96		ppm			98.0			
LCS	Chloride	2.00		ppm			100			
LCS	Fluoride	2.01		ppm			100			
LCS	Nitrate	1.96		ppm			98.0			
LCS	Nitrite	1.99		ppm			99.5			
LCS	Sulfate	1.99		ppm			99.5			
DRO_ORO_AQUEOUS-7929										
AA20332										
MB	DRO	Not Detected		mg/L						
MB	ORO	Not Detected		mg/L						
AA20333										
LCS	DRO	33.13		mg/L			94.7	70 - 130		
LCS	ORO	32.86		mg/L			93.9	50 - 150		
AA20334										
LCS	DRO	37.55		mg/L			107	70 - 130		
LCS	ORO	36.23		mg/L			104	50 - 150		
AA20364										
Matrix Spike	DRO	32.42		mg/L	35	Not Detected	92.6			
Matrix Spike	ORO	33.60		mg/L	35	Not Detected	96.0			
MSD	DRO	35.73		mg/L		Not Detected			.71386647101	

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Project Manager: Lauren Glazier **Project Name:** Chaco 909J 2025 **Project Number:** N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MSD	ORO	36.83		mg/L		Not Detected			.17222774385	
METALS_W-7950										
AA20176										
Dup	Arsenic	107.08	0.000	µg/L		1.30			2.08	0 - 15
Dup	Phosphorous	194.57	0.000	µg/L		76.49			2.65	0 - 15
Matrix Spike	Arsenic	104.88	0.000	µg/L	100	1.30	103.5800	80 - 120		
Matrix Spike	Phosphorous	189.48	0.000	µg/L	100	76.49	112.9900	80 - 120		
AA20443										
MB	Aluminum	2.07		µg/L						
MB	Antimony	-0.01		µg/L						
MB	Arsenic	-0.01		µg/L						
MB	Barium	0.01		µg/L						
MB	Beryllium	-0.02		µg/L						
MB	Boron	-0.04		µg/L						
MB	Cadmium	0.00		µg/L						
MB	Calcium	8.73		µg/L						
MB	Chromium	0.00		µg/L						
MB	Copper	-0.90		µg/L						
MB	Iron	0.72		µg/L						
MB	Lead	0.02		µg/L						
MB	Magnesium	3.17		µg/L						
MB	Manganese	0.08		µg/L						
MB	Mercury	-0.01		µg/L						
MB	Molybdenum	-0.03		µg/L						
MB	Nickel	0.01		µg/L						
MB	Phosphorous	0.04		µg/L						
MB	Potassium	3.48		µg/L						
MB	Selenium	0.05		µg/L						
MB	Silver	0.00		µg/L						
MB	Sodium	5.98		µg/L						
MB	Strontium	0.08		µg/L						
MB	Thallium	0.03		µg/L						
MB	Uranium	0.00		µg/L						
MB	Zinc	-0.34		µg/L						
AA20445										
LCS	Aluminum	75.23	10.000	µg/L			83.6	80 - 120		
LCS	Antimony	91.48	0.050	µg/L			102	80 - 120		
LCS	Arsenic	88.58	0.100	µg/L			98.4	80 - 120		
LCS	Barium	91.97	0.025	µg/L			102	80 - 120		
LCS	Beryllium	94.58	0.100	µg/L			105	80 - 120		
LCS	Boron	92.11	25.000	µg/L			102	80 - 120		
LCS	Cadmium	89.29	0.050	µg/L			99.2	80 - 120		
LCS	Calcium	910.71	25.000	µg/L			101	80 - 120		
LCS	Chromium	89.41	0.050	µg/L			99.3	80 - 120		
LCS	Copper	88.39	0.250	µg/L			98.2	80 - 120		
LCS	Iron	87.41	20.000	µg/L			97.1	80 - 120		

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Project Manager: Lauren Glazier **Project Name:** Chaco 909J 2025 **Project Number:** N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Lead	90.22	0.100	µg/L			100	80 - 120		
LCS	Magnesium	90.95	25.000	µg/L			101	80 - 120		
LCS	Manganese	89.17	0.050	µg/L			99.1	80 - 120		
LCS	Mercury	92.38	0.100	µg/L			103	80 - 120		
LCS	Molybdenum	89.87	0.250	µg/L			99.9	80 - 120		
LCS	Nickel	88.92	0.250	µg/L			98.8	80 - 120		
LCS	Phosphorous	87.75	10.000	µg/L			97.5	80 - 120		
LCS	Potassium	93.67	25.000	µg/L			104	80 - 120		
LCS	Selenium	90.24	1.000	µg/L			100	80 - 120		
LCS	Silver	88.66	0.025	µg/L			98.5	80 - 120		
LCS	Sodium	87.88	25.000	µg/L			97.6	80 - 120		
LCS	Strontium	84.41	0.025	µg/L			93.8	80 - 120		
LCS	Thallium	105.80	0.250	µg/L			118	80 - 120		
LCS	Uranium	94.69	0.025	µg/L			105	80 - 120		
LCS	Zinc	90.33	10.000	µg/L			100	80 - 120		
AA20446										
LCS	Aluminum	78.26	10.000	µg/L			87.0	80 - 120		
LCS	Antimony	94.30	0.050	µg/L			105	80 - 120		
LCS	Arsenic	91.03	0.100	µg/L			101	80 - 120		
LCS	Barium	95.39	0.025	µg/L			106	80 - 120		
LCS	Beryllium	98.30	0.100	µg/L			109	80 - 120		
LCS	Boron	95.73	25.000	µg/L			106	80 - 120		
LCS	Cadmium	93.41	0.050	µg/L			104	80 - 120		
LCS	Calcium	949.34	25.000	µg/L			105	80 - 120		
LCS	Chromium	93.15	0.050	µg/L			104	80 - 120		
LCS	Copper	87.42	0.250	µg/L			97.1	80 - 120		
LCS	Iron	92.32	20.000	µg/L			103	80 - 120		
LCS	Lead	93.77	0.100	µg/L			104	80 - 120		
LCS	Magnesium	95.91	25.000	µg/L			107	80 - 120		
LCS	Manganese	93.37	0.050	µg/L			104	80 - 120		
LCS	Mercury	95.40	0.100	µg/L			106	80 - 120		
LCS	Molybdenum	92.19	0.250	µg/L			102	80 - 120		
LCS	Nickel	91.89	0.250	µg/L			102	80 - 120		
LCS	Phosphorous	85.67	10.000	µg/L			95.2	80 - 120		
LCS	Potassium	95.22	25.000	µg/L			106	80 - 120		
LCS	Selenium	91.49	1.000	µg/L			102	80 - 120		
LCS	Silver	94.37	0.025	µg/L			105	80 - 120		
LCS	Sodium	98.33	25.000	µg/L			109	80 - 120		
LCS	Strontium	87.44	0.025	µg/L			97.2	80 - 120		
LCS	Thallium	99.55	0.250	µg/L			111	80 - 120		
LCS	Uranium	96.68	0.025	µg/L			107	80 - 120		
LCS	Zinc	93.95	10.000	µg/L			104	80 - 120		
VOC_8260_W-7974										
AA20122										
Dup	1,1,1-Trichloroethane	35.52		µg/L		22.22			18.0	- 30
Dup	1,1-Dichloroethene	11.30		µg/L					2.69	- 30

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Project Manager: Lauren Glazier **Project Name:** Chaco 909J 2025 **Project Number:** N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	1,2,4-Trimethylbenzene	9.23		µg/L		<1.00			9.89	- 30
Dup	1,2-Dichloroethane	13.29		µg/L		Not Detected			29.0	- 30
Dup	Benzene	13.02		µg/L		<1.00			8.65	- 30
Dup	Chlorobenzene	12.13		µg/L		2.35			7.53	- 30
Dup	cis-1,2-Dichloroethene	16.87		µg/L		1.71			4.24	- 30
Dup	Dichloromethane	12.57		µg/L		Not Detected			7.00	- 30
Dup	Naphthalene	9.18		µg/L		1.99			8.99	- 30
Dup	Tetrachloroethylene	7.74		µg/L		<0.50			12.5	- 30
Dup	Toluene	10.12		µg/L		<1.00			11.5	- 30
Dup	trans-1,2-Dichloroethene	15.31		µg/L					6.40	- 30
Dup	Trichloroethene	10.31		µg/L					11.8	- 30
Dup	Vinyl chloride	17.98		µg/L		Not Detected			10.6	- 30
Matrix Spike	1,1,1-Trichloroethane	29.64		µg/L	50	22.22	14.8	70 - 130		
Matrix Spike	1,1-Dichloroethene	11.00		µg/L						
Matrix Spike	1,2,4-Trimethylbenzene	8.36		µg/L	50	<1.00	16.7	70 - 130		
Matrix Spike	1,2-Dichloroethane	9.92		µg/L	50	Not Detected	19.8	70 - 130		
Matrix Spike	Benzene	11.94		µg/L	50	<1.00	23.9	70 - 130		
Matrix Spike	Chlorobenzene	11.25		µg/L	50	2.35	17.8	70 - 130		
Matrix Spike	cis-1,2-Dichloroethene	16.17		µg/L	50	1.71	28.9	70 - 130		
Matrix Spike	Dichloromethane	11.72		µg/L	50	Not Detected	23.4	70 - 130		
Matrix Spike	Naphthalene	8.39		µg/L	50	1.99	12.8	70 - 130		
Matrix Spike	Tetrachloroethylene	6.83		µg/L	50	<0.50	13.7	70 - 130		
Matrix Spike	Toluene	9.02		µg/L	50	<1.00	18.0	70 - 130		
Matrix Spike	trans-1,2-Dichloroethene	14.36		µg/L						
Matrix Spike	Trichloroethene	9.16		µg/L						
Matrix Spike	Vinyl chloride	16.17		µg/L	50	Not Detected	32.3	70 - 130		
AA20539										
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	Acrolein	Not Detected		µg/L						
MB	Benzene	Not Detected		µg/L						
MB	Bromodichloromethane	Not Detected		µg/L						
MB	Bromoform	Not Detected		µg/L						
MB	Bromomethane	Not Detected		µg/L						
MB	Carbon tetrachloride	Not Detected		µg/L						
MB	Chlorobenzene	Not Detected		µg/L						
MB	Chloroform	<1.00		µg/L						
MB	Chloromethane	Not Detected		µg/L						
MB	cis-1,2-Dichloroethene	Not Detected		µg/L						
MB	cis-1,3-Dichloropropene	Not Detected		µg/L						
MB	Dichloromethane	Not Detected		µg/L						
MB	Ethylbenzene	Not Detected		µg/L						

Division of Environmental Testing
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FINAL RESULTS REPORT

Report Date : 5/6/2025
Report Time : 15:56

Project Manager: Lauren Glazier **Project Name:** Chaco 909J 2025 **Project Number:** N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
MB	Gasoline Range Organics	<25.80		µg/L						
MB	m&p-Xylene	<1.81		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	trans-1,3-Dichloropropene	Not Detected		µg/L						
MB	Trichloroethene	Not Detected		µg/L						
MB	Vinyl chloride	Not Detected		µg/L						
MB	Xylene, total	<2.80		µg/L						
AA20540										
LCS	1,1,1-Trichloroethane	38.77		µg/L			77.5	70 - 130		
LCS	1,1,2,2-Tetrachloroethane	37.24		µg/L			74.5	70 - 130		
LCS	1,1,2-Trichloroethane	41.78		µg/L			83.6	70 - 130		
LCS	1,1-Dichloroethene	40.02		µg/L			80.0	70 - 130		
LCS	1,2,4-Trimethylbenzene	45.74		µg/L			91.5	70 - 130		
LCS	1,2-Dichloroethane	50.05		µg/L			100	70 - 130		
LCS	1,2-Dichloropropane	48.92		µg/L			97.8	70 - 130		
LCS	Acrolein	43.65		µg/L			87.3	70 - 130		
LCS	Benzene	53.80		µg/L			108	70 - 130		
LCS	Bromoform	52.63		µg/L			105	70 - 130		
LCS	Bromomethane	50.00		µg/L			100	70 - 130		
LCS	Carbon tetrachloride	55.30		µg/L			111	70 - 130		
LCS	Chlorobenzene	47.64		µg/L			95.3	70 - 130		
LCS	Chlorodibromomethane	55.49		µg/L			111	70 - 130		
LCS	Chloroform	48.42		µg/L			96.8	70 - 130		
LCS	Chloromethane	57.98		µg/L			116	70 - 130		
LCS	cis-1,2-Dichloroethene	41.32		µg/L			82.6	70 - 130		
LCS	cis-1,3-Dichloropropene	50.64		µg/L			101	70 - 130		
LCS	Dichloromethane	45.92		µg/L			91.8	70 - 130		
LCS	Ethylbenzene	47.78		µg/L			95.6	70 - 130		
LCS	Gasoline Range Organics	953.65		µg/L			76.9			
LCS	m&p-Xylene	90.65		µg/L			90.6	70 - 130		
LCS	Methyl t-butyl ether	42.23		µg/L			84.5	70 - 130		
LCS	Naphthalene	36.69		µg/L			73.4	70 - 130		
LCS	o-Xylene	45.35		µg/L			90.7	70 - 130		
LCS	Tetrachloroethylene	41.22		µg/L			82.4	70 - 130		
LCS	Toluene	48.30		µg/L			96.6	70 - 130		
LCS	trans-1,2-Dichloroethene	52.30		µg/L			105	70 - 130		
LCS	trans-1,3-Dichloropropene	47.26		µg/L			94.5	70 - 130		
LCS	Trichloroethene	50.90		µg/L			102	70 - 130		
LCS	Vinyl chloride	64.48		µg/L			129	70 - 130		
LCS	Xylene, total	136.00		µg/L			90.7	70 - 130		
AA20541										
LCS	1,1,1-Trichloroethane	36.73		µg/L			73.5	70 - 130		

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FINAL RESULTS REPORT

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Project Manager: Lauren Glazier **Project Name:** Chaco 909J 2025 **Project Number:** N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	1,1,2,2-Tetrachloroethane	38.77		µg/L			77.5	70 - 130		
LCS	1,1,2-Trichloroethane	44.92		µg/L			89.8	70 - 130		
LCS	1,1-Dichloroethene	42.50		µg/L			85.0	70 - 130		
LCS	1,2,4-Trimethylbenzene	48.51		µg/L			97.0	70 - 130		
LCS	1,2-Dichloroethane	48.34		µg/L			96.7	70 - 130		
LCS	1,2-Dichloropropane	51.18		µg/L			102	70 - 130		
LCS	Acrolein	39.21		µg/L			78.4	70 - 130		
LCS	Benzene	54.04		µg/L			108	70 - 130		
LCS	Bromodichloromethane									
LCS	Bromoform	56.70		µg/L			113	70 - 130		
LCS	Bromomethane	49.43		µg/L			98.9	70 - 130		
LCS	Carbon tetrachloride	63.62		µg/L			127	70 - 130		
LCS	Chlorobenzene	50.58		µg/L			101	70 - 130		
LCS	Chlorodibromomethane	59.11		µg/L						
LCS	Chloroform	49.17		µg/L			98.3	70 - 130		
LCS	Chloromethane	56.56		µg/L			113	70 - 130		
LCS	cis-1,2-Dichloroethene	40.58		µg/L			81.2	70 - 130		
LCS	cis-1,3-Dichloropropene	49.20		µg/L			98.4	70 - 130		
LCS	Dichloromethane	46.52		µg/L			93.0	70 - 130		
LCS	Ethylbenzene	50.63		µg/L			101	70 - 130		
LCS	Gasoline Range Organics	2040.47		µg/L			80.3			
LCS	m&p-Xylene	94.40		µg/L			94.4	70 - 130		
LCS	Methyl t-butyl ether	43.03		µg/L			86.1	70 - 130		
LCS	Naphthalene	42.15		µg/L			84.3	70 - 130		
LCS	o-Xylene	48.87		µg/L			97.7	70 - 130		
LCS	Tetrachloroethylene	42.81		µg/L			85.6	70 - 130		
LCS	Toluene	50.48		µg/L			101	70 - 130		
LCS	trans-1,2-Dichloroethene	49.66		µg/L			99.3	70 - 130		
LCS	trans-1,3-Dichloropropene	46.45		µg/L			92.9	70 - 130		
LCS	Trichloroethene	56.98		µg/L			114	70 - 130		
LCS	Vinyl chloride	61.61		µg/L			123	70 - 130		
LCS	Xylene, total	143.27		µg/L			95.5	70 - 130		

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Project Manager: Lauren Glazier **Project Name:** Chaco 909J 2025 **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.
E	Electronic loss or corruption of data.
I	Subcontracted sample