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

July 03, 2025

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

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

Attached are the analytical results for Impetro 909J 2025 N/A received by Elevation Diagnostics, Division of Environmental Testing on June 05, 2025. This is associated with Elevation's number AA24209 .

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: ImpeTRO 909J 2025
Project Location:
Collector Name:

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_3, NO_2	Analysis Requested: Sum of NO_3 & NO_2	Analysis Requested: Ca, Fe, Mg, Mn, K, Na, Ba, B, Sc, Sr	Analysis Requested: BTEX - N	Analysis Requested: TPH (GRO, ORO, DRO)	Analysis Requested: Ra 226, Ra 228	Notes
1	LOIS GILETTE (DUNBAR)	6-3-25	1:00	10	6	3	1		X			X	X	X	X	X	X	X	X	271833
2	STATE 5		9:15	10	6	3	1		X			X	X	X	X	X	X	X	X	221174
3	~~TARDIER~~ NO Sample			~~10~~	~~6~~	~~3~~	~~1~~		~~X~~			~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	220417
4	NELSON JARRETT IJ		11:15	10	6	3	1		X			X	X	X	X	X	X	X	X	159088
5																				
6																				
7																				
8	AA24207-1 AA24208-1	AA24209-1																		
9																				
10																				

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

909J table 3-1

ECMC Facility ID:

Relinquished By:	Relinquished By:	Relinquished By:	Scan to Deliver Samples
Date/Time: 6-3-25 2:45	Date/Time:	Date/Time:	

Lab Use Only

Observed Temperature Upon Receipt: 0.8c
Corrected Temperature Upon Receipt: 2.1c
Thermometer #: ED24B
Correction Factor: 1.3c

Samples Intact: (Yes) No
pH Checked: (Yes) No lot 204624
pH Adjusted: Yes (No)
Name/Lot Number of Adjustment:

2025-06-05-003

EFOR-008.002

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FINAL RESULTS REPORT

Report Date : 7/3/2025
Report Time : 9:32

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

Sample ID / Analyte Name	Customer ID / Analysis Start	Collected / Dilution	Result	Units	MDL	Method Ref. / Recovery
AA24209-1	Nelson Jarrett 1J	**Collected :** 06/03/2025 11:15				
Anions - Bromide	06/06/2025 10:04	10.00	5.40	mg/L	0.10	EPA 300.0
Anions - Chloride	06/06/2025 10:04	101.00	1488.05	mg/L	0.20	EPA 300.0
Anions - Fluoride	06/06/2025 10:04	10.00	<1.00 - RL1	mg/L	1.00	EPA 300.0
Anions - Nitrate	06/06/2025 10:04	10.00	167.05 - H2	mg/L	0.10	EPA 300.0
Anions - Nitrite	06/06/2025 10:04	10.00	<1.00 - RL1, H2	mg/L	1.00	EPA 300.0
Anions - Sulfate	06/06/2025 10:04	10.00	212.32	mg/L	0.20	EPA 300.0
Bicarbonate Alkalinity	06/10/2025 17:14		2154.35	mg/L		SM 2320B
Carbonate Alkalinity	06/10/2025 17:17		0	mg/L		SM 2320B
Conductivity	06/10/2025 12:50		8730	µS/cm	20	EPA 9050A & 120.1
Nitrate as Nitrogen	06/06/2025 11:14	10.00	37.74 - H2			
Nitrate, Anions	06/06/2025 11:14		167.05			
Nitrite as Nitrogen	06/06/2025 11:14	10.00	<0.30 - RL1, H2			
Nitrite, Anions	06/06/2025 11:14		<1.00			
pH, Water Temperature	06/10/2025 17:23		22.40	°C		
pH, Water	06/10/2025 17:23		7.75 - H1	S.U.	0.01	EPA9040C, EPA150.1
Sum of Nitrate and Nitrite as Nitrogen	06/06/2025 11:14	10.00	37.74 - H2			
Total Alkalinity	06/10/2025 17:08		2154.35	mg/L		SM 2320B
Total Dissolved Solids	06/16/2025 09:38		5430 - EST	mg/L	10.00	SM2540C, EPA160.1
Total Suspended Solids	06/06/2025 12:32		10	mg/L	4.00	SM2540D, EPA160.2
AA24209-2	Nelson Jarrett 1J	**Collected :** 06/03/2025 11:15				
Total Metals, Aqueous - Barium	06/16/2025 08:15	10.00	77.20	µg/L	0.283	EPA3010A&3005A
Total Metals, Aqueous - Boron	06/16/2025 08:15	1,000.00	25531.00	µg/L	10.000	EPA3010A&3005A
Total Metals, Aqueous - Calcium	06/16/2025 08:15	10.00	9630.15	µg/L	20.000	EPA3010A&3005A
Total Metals, Aqueous - Iron	06/16/2025 08:15	10.00	262.79	µg/L	10.000	EPA3010A&3005A
Total Metals, Aqueous - Magnesium	06/16/2025 08:15	10.00	1568.41	µg/L	20.000	EPA3010A&3005A
Total Metals, Aqueous - Manganese	06/16/2025 08:15	10.00	10.05	µg/L	0.500	EPA3010A&3005A
Total Metals, Aqueous - Phosphorous	06/16/2025 08:15	10.00	1112.57	µg/L	10.000	EPA3010A&3005A
Total Metals, Aqueous - Potassium	06/16/2025 08:15	100.00	10838.92	µg/L	25.000	EPA3010A&3005A
Total Metals, Aqueous - Selenium	06/16/2025 08:15	10.00	Not Detected - RL1	µg/L	9.85	EPA3010A&3005A
Total Metals, Aqueous - Sodium	06/16/2025 08:15	10,000.00	3037698.48	µg/L	20.000	EPA3010A&3005A
Total Metals, Aqueous - Strontium	06/16/2025 08:15	10.00	458.48	µg/L	0.250	EPA3010A&3005A
AA24209-3	Nelson Jarrett 1J	**Collected :** 06/03/2025 11:15				
DRO/ORO, Aqueous - DRO	06/10/2025 07:22		23.76	mg/L	0.613	EPA 8015D, TCEQ
DRO/ORO, Aqueous - ORO	06/10/2025 07:22		<12.264	mg/L	12.264	EPA 8015D, TCEQ
Volatile Organic Compounds - Benzene	06/10/2025 13:37	25.00	3008.08	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Ethylbenzene	06/10/2025 13:37	25.00	444.30	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Gasoline Range Organics	06/10/2025 13:37		9361.88	µg/L	225.80	EPA 8260d
Volatile Organic Compounds - m&p-Xylene	06/10/2025 13:37	25.00	1918.12	µg/L	1.81	EPA 8260d
Volatile Organic Compounds - Naphthalene	06/10/2025 13:37		159.36	µg/L	0.50	EPA 8260d
Volatile Organic Compounds - o-Xylene	06/10/2025 13:37	25.00	983.87	µg/L	0.99	EPA 8260d
Volatile Organic Compounds - Toluene	06/10/2025 13:37	50.00	6006.57	µg/L	1.00	EPA 8260d
Volatile Organic Compounds - Xylenes, total	06/10/2025 13:37	25.00	2901.99	µg/L	2.80	EPA 8260d
AA24209-4	Nelson Jarrett 1J	**Collected :** 06/03/2025 11:15				

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Report Date : 7/3/2025
Report Time : 9:32

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

Sample ID / Analyte Name	Customer ID	Collected / Analysis Start		Dilution	Result	Units	MDL	Method Ref. / Recovery
Radium-226		07/02/2025	07:08		2.98 - I	pCi/L	1.00	EPA 903.1
Radium-228		07/02/2025	07:08		9.31 - I	pCi/L	3.00	EPA 904.0

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Project Manager: Lauren Glazier **Project Name:** Impetro 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-9262										
DUP	AA24207	412.10		mg CaCO3/L					0.99498	- 20
LCS	AA24412	42.84		mg CaCO3/L	40.00		107	80 - 120		
LCS	AA24413	1032.29		mg CaCO3/L	1000		103	80 - 120		
CONDUCTANCE_EPA-9265										
DUP	AA24207	97500	20	µS/cm					0.81716	-5 - 5
LCS	AA24415	9510	20	µS/cm	10013		95.0	80 - 115		
LCS	AA24416	9680	20	µS/cm	10003		96.8	80 - 115		
PH_W-9266										
DUP	AA24207	6.77	0.01	S.U.					0.44412	-5 - 5
LCS	AA24418	6.84	0.01	S.U.	6.86		99.7	95 - 105		
LCS	AA24419	6.87	0.01	S.U.	6.86		100	95 - 105		
TDS-9282										
MB	AA24506	<10.00	10.00	mg/L						
LCS	AA24507	496	10	mg/L	500		99.2	85 - 115		
DUP	AA24508	496		mg/L					2.98	- 20
LCS	AA24508	511	10	mg/L	500		102	85 - 115		
TSS-9187										
MB	AA24241	Not Detected	4	mg/L						
LCS	AA24242	466		mg/L	500		93.2	85 - 115		
DUP	AA24243	466		mg/L					7.8351	- 20
LCS	AA24243	504		mg/L	500		101	85 - 115		

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QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
ANIONS-9175										
AA24186										
MB	Bromide	Not Detected		ppm						
MB	Chloride	0.07		ppm						
MB	Fluoride	Not Detected		ppm						
MB	Nitrate	Not Detected		ppm						
MB	Nitrite	Not Detected		ppm						
MB	Sulfate	Not Detected		ppm						
AA24187										
LCS	Bromide	2.01		ppm			100	90 - 110		
LCS	Chloride	1.90		ppm			95.0	90 - 110		
LCS	Fluoride	1.97		ppm			98.5	90 - 110		
LCS	Nitrate	2.01		ppm			100	90 - 110		
LCS	Nitrite	2.00		ppm			100	90 - 110		
LCS	Sulfate	2.04		ppm			102	90 - 110		
AA24188										
LCS	Bromide	2.04		ppm			102	90 - 110		
LCS	Chloride	1.94		ppm			97.0	90 - 110		
LCS	Fluoride	2.17		ppm			108	90 - 110		
LCS	Nitrate	2.04		ppm			102	90 - 110		
LCS	Nitrite	2.04		ppm			102	90 - 110		
LCS	Sulfate	2.11		ppm			106	90 - 110		
AA24207										
Dup	Bromide	109.49		ppm		<5.00			2.14	- 15
Dup	Chloride	49861.80		ppm		49094.39			0.475	- 15
Dup	Fluoride	63.98		ppm		<5.00			5.39	- 15
Dup	Nitrate	106.23		ppm		<5.00			4.55	- 15
Dup	Nitrite	Not Detected		ppm		<5.00				
Dup	Sulfate	8366.35		ppm		6972.21			3.24	- 15
Matrix Spike	Bromide	107.17		ppm	100	<5.00	107	80 - 120		
Matrix Spike	Chloride	50099.10		ppm	2002	49094.39	50.2	80 - 120		
Matrix Spike	Fluoride	60.62		ppm	100	<5.00	60.6	80 - 120		
Matrix Spike	Nitrate	101.50		ppm	100	<5.00	102	80 - 120		
Matrix Spike	Nitrite	Not Detected		ppm	100	<5.00				
Matrix Spike	Sulfate	8099.84		ppm	1002	6972.21	113	80 - 120		
DRO_ORO_AQUEOUS-9217										
AA23812										
Matrix Spike	DRO	37.50		mg/L	35	6.68	88.1			
Matrix Spike	ORO	34.73		mg/L	35	<12.264	99.2			
MSD	DRO	38.79		mg/L		6.68			.38183248132	
MSD	ORO	37.00		mg/L		<12.264			.32929039453	
AA24303										
MB	DRO	Not Detected		mg/L						
MB	ORO	Not Detected		mg/L						
AA24304										
LCS	DRO	37.43		mg/L			107	70 - 130		

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Project Manager: Lauren Glazier **Project Name:** Impetro 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	ORO	34.36		mg/L			98.2	50 - 150		
AA24305										
LCS	DRO	38.31		mg/L			109	70 - 130		
LCS	ORO	36.13		mg/L			103	50 - 150		
METALS_W-9324										
AA24290										
Dup	Arsenic	103.08	0.000	µg/L		<0.10			3.53	0 - 15
Dup	Phosphorous	89.68	0.000	µg/L		<10.00			9.47	0 - 15
Matrix Spike	Arsenic	106.78	0.000	µg/L	100	<0.10	106.7800	80 - 120		
Matrix Spike	Phosphorous	81.57	0.000	µg/L	100	<10.00	81.5700	80 - 120		
AA24613										
MB	Aluminum	-1.27		µg/L						
MB	Antimony	0.00		µg/L						
MB	Arsenic	0.00		µg/L						
MB	Barium	0.08		µg/L						
MB	Beryllium	0.03		µg/L						
MB	Boron	40.41		µg/L						
MB	Cadmium	0.00		µg/L						
MB	Calcium	14.38		µg/L						
MB	Chromium	-0.01		µg/L						
MB	Copper	0.37		µg/L						
MB	Iron	1.07		µg/L						
MB	Lead	0.06		µg/L						
MB	Magnesium	-1.54		µg/L						
MB	Manganese	0.24		µg/L						
MB	Mercury	0.01		µg/L						
MB	Molybdenum	0.00		µg/L						
MB	Nickel	0.01		µg/L						
MB	Phosphorous	1.61		µg/L						
MB	Potassium	1.48		µg/L						
MB	Selenium	-0.74		µg/L						
MB	Silver	0.00		µg/L						
MB	Sodium	0.79		µg/L						
MB	Strontium	0.00		µg/L						
MB	Thallium	0.17		µg/L						
MB	Uranium	0.00		µg/L						
MB	Zinc	0.74		µg/L						
AA24615										
LCS	Aluminum	89.87	10.000	µg/L			99.9	80 - 120		
LCS	Antimony	92.28	0.050	µg/L			103	80 - 120		
LCS	Arsenic	94.32	0.100	µg/L			105	80 - 120		
LCS	Barium	88.03	0.025	µg/L			97.8	80 - 120		
LCS	Beryllium	95.46	0.100	µg/L			106	80 - 120		
LCS	Boron	86.38	25.000	µg/L			96.0	80 - 120		
LCS	Cadmium	94.62	0.050	µg/L			105	80 - 120		
LCS	Calcium	886.04	25.000	µg/L			98.4	80 - 120		

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Project Manager: Lauren Glazier **Project Name:** Impetro 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	Chromium	90.82	0.050	µg/L			101	80 - 120		
LCS	Copper	89.91	0.250	µg/L			99.9	80 - 120		
LCS	Iron	90.74	20.000	µg/L			101	80 - 120		
LCS	Lead	89.33	0.100	µg/L			99.3	80 - 120		
LCS	Magnesium	104.96	25.000	µg/L			117	80 - 120		
LCS	Manganese	91.00	0.050	µg/L			101	80 - 120		
LCS	Mercury	89.01	0.100	µg/L			98.9	80 - 120		
LCS	Molybdenum	87.63	0.250	µg/L			97.4	80 - 120		
LCS	Nickel	96.89	0.250	µg/L			108	80 - 120		
LCS	Phosphorous	97.19	10.000	µg/L			108	80 - 120		
LCS	Potassium	90.43	25.000	µg/L			100	80 - 120		
LCS	Selenium	92.69	1.000	µg/L			103	80 - 120		
LCS	Silver	96.11	0.025	µg/L			107	80 - 120		
LCS	Sodium	95.06	25.000	µg/L			106	80 - 120		
LCS	Strontium	96.30	0.025	µg/L			107	80 - 120		
LCS	Thallium	88.77	0.250	µg/L			98.6	80 - 120		
LCS	Uranium	91.96	0.025	µg/L			102	80 - 120		
LCS	Zinc	92.96	10.000	µg/L			103	80 - 120		
AA24616										
LCS	Aluminum	75.18	10.000	µg/L			83.5	80 - 120		
LCS	Antimony	92.75	0.050	µg/L			103	80 - 120		
LCS	Arsenic	90.01	0.100	µg/L			100	80 - 120		
LCS	Barium	91.15	0.025	µg/L			101	80 - 120		
LCS	Beryllium	101.15	0.100	µg/L			112	80 - 120		
LCS	Boron	87.78	25.000	µg/L			97.5	80 - 120		
LCS	Cadmium	97.17	0.050	µg/L			108	80 - 120		
LCS	Calcium	757.59	25.000	µg/L			84.2	80 - 120		
LCS	Chromium	76.57	0.050	µg/L			85.1	80 - 120		
LCS	Copper	89.01	0.250	µg/L			98.9	80 - 120		
LCS	Iron	88.75	20.000	µg/L			98.6	80 - 120		
LCS	Lead	93.19	0.100	µg/L			104	80 - 120		
LCS	Magnesium	98.43	25.000	µg/L			109	80 - 120		
LCS	Manganese	88.20	0.050	µg/L			98.0	80 - 120		
LCS	Mercury	93.87	0.100	µg/L			104	80 - 120		
LCS	Molybdenum	90.15	0.250	µg/L			100	80 - 120		
LCS	Nickel	94.81	0.250	µg/L			105	80 - 120		
LCS	Phosphorous	91.60	10.000	µg/L			102	80 - 120		
LCS	Potassium	92.03	25.000	µg/L			102	80 - 120		
LCS	Selenium	85.03	1.000	µg/L			94.5	80 - 120		
LCS	Silver	98.69	0.025	µg/L			110	80 - 120		
LCS	Sodium	104.15	25.000	µg/L			116	80 - 120		
LCS	Strontium	95.54	0.025	µg/L			106	80 - 120		
LCS	Thallium	87.79	0.250	µg/L			97.5	80 - 120		
LCS	Uranium	99.42	0.025	µg/L			110	80 - 120		
LCS	Zinc	91.38	10.000	µg/L			102	80 - 120		
VOC_8260_W-9209										

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

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
AA24009										
Dup	1,1,1-Trichloroethane	58.25		µg/L		Not Detected			4.69	- 30
Dup	1,1,2,2-Tetrachloroethane	41.20		µg/L		<1.15			12.7	- 30
Dup	1,1,2-Trichloroethane	41.31		µg/L		Not Detected			7.44	- 30
Dup	1,1-Dichloroethene	35.69		µg/L					9.58	- 30
Dup	1,2-Dichloroethane	49.56		µg/L		Not Detected			11.4	- 30
Dup	1,2-Dichloropropane	46.14		µg/L		Not Detected			10.0	- 30
Dup	Acrolein	46.00		µg/L		Not Detected			12.4	- 30
Dup	Benzene	46.02		µg/L		Not Detected			12.2	- 30
Dup	Bromoform	35.11		µg/L		Not Detected			11.0	- 30
Dup	Bromomethane	37.98		µg/L					12.3	- 30
Dup	Carbon tetrachloride	37.75		µg/L		Not Detected			6.16	- 30
Dup	Chlorobenzene	45.28		µg/L		<1.00			10.3	- 30
Dup	Chlorodibromomethane	39.64		µg/L		Not Detected			10.5	- 30
Dup	Chloroform	49.48		µg/L		Not Detected			10.3	- 30
Dup	Chloromethane	41.98		µg/L					2.35	- 30
Dup	cis-1,2-Dichloroethene	57.12		µg/L					10.4	- 30
Dup	cis-1,3-Dichloropropene	36.23		µg/L					9.82	- 30
Dup	Ethylbenzene	44.25		µg/L		Not Detected			12.4	- 30
Dup	m&p-Xylene	76.17		µg/L		<1.81			10.8	- 30
Dup	o-Xylene	40.54		µg/L		<0.99			15.3	- 30
Dup	Tetrachloroethylene	57.74		µg/L		Not Detected			11.4	- 30
Dup	Toluene	45.17		µg/L		<1.00			11.7	- 30
Dup	trans-1,2-Dichloroethene	37.90		µg/L					7.02	- 30
Dup	trans-1,3-Dichloropropene	41.30		µg/L					9.85	- 30
Dup	Trichloroethene	48.17		µg/L					15.5	- 30
Dup	Vinyl chloride	41.85		µg/L		Not Detected			3.64	- 30
Dup	Xylene, total	116.71		µg/L					12.4	- 30
Matrix Spike	1,1,1-Trichloroethane	61.05		µg/L	50	Not Detected	122	70 - 130		
Matrix Spike	1,1,2,2-Tetrachloroethane	46.78		µg/L	50	<1.15	93.6	70 - 130		
Matrix Spike	1,1,2-Trichloroethane	44.50		µg/L	50	Not Detected	89.0	70 - 130		
Matrix Spike	1,1-Dichloroethene	39.28		µg/L						
Matrix Spike	1,2-Dichloroethane	55.53		µg/L	50	Not Detected	111	70 - 130		
Matrix Spike	1,2-Dichloropropane	51.01		µg/L	50	Not Detected	102	70 - 130		
Matrix Spike	Acrolein	52.10		µg/L	50	Not Detected	104	70 - 130		
Matrix Spike	Benzene	52.00		µg/L	50	Not Detected	104	70 - 130		
Matrix Spike	Bromoform	39.20		µg/L	50	Not Detected	78.4	70 - 130		
Matrix Spike	Bromomethane	42.96		µg/L						
Matrix Spike	Carbon tetrachloride	40.15		µg/L	50	Not Detected	80.3	70 - 130		
Matrix Spike	Chlorobenzene	50.22		µg/L	50	<1.00	100	70 - 130		
Matrix Spike	Chlorodibromomethane	44.04		µg/L	50	Not Detected	88.1	70 - 130		
Matrix Spike	Chloroform	54.84		µg/L	50	Not Detected	110	70 - 130		
Matrix Spike	Chloromethane	42.98		µg/L						
Matrix Spike	cis-1,2-Dichloroethene	63.41		µg/L						
Matrix Spike	cis-1,3-Dichloropropene	39.97		µg/L						
Matrix Spike	Ethylbenzene	50.11		µg/L	50	Not Detected	100	70 - 130		
Matrix Spike	m&p-Xylene	84.90		µg/L	100	<1.81	84.9	70 - 130		

Division of Environmental Testing
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800-440-5184

FINAL RESULTS REPORT

Report Date : 7/3/2025
Report Time : 9:32

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

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Matrix Spike	o-Xylene	47.27		µg/L	50	<0.99	94.5	70 - 130		
Matrix Spike	Tetrachloroethylene	64.69		µg/L	50	Not Detected	129	70 - 130		
Matrix Spike	Toluene	50.78		µg/L	50	<1.00	102	70 - 130		
Matrix Spike	trans-1,2-Dichloroethene	35.33		µg/L						
Matrix Spike	trans-1,3-Dichloropropene	45.58		µg/L						
Matrix Spike	Trichloroethene	56.26		µg/L						
Matrix Spike	Vinyl chloride	43.40		µg/L	50	Not Detected	86.8	70 - 130		
Matrix Spike	Xylene, total	132.17		µg/L						
AA24281										
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	<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	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	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						
MB	Gasoline Range Organics	<225.80		µg/L						
MB	m&p-Xylene	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						
AA24282										
LCS	1,1,1-Trichloroethane	60.61		µg/L			121	70 - 130		
LCS	1,1,2,2-Tetrachloroethane	54.75		µg/L			110	70 - 130		
LCS	1,1,2-Trichloroethane	45.47		µg/L			90.9	70 - 130		
LCS	1,1-Dichloroethene	44.60		µg/L			89.2	70 - 130		
LCS	1,2,4-Trimethylbenzene	58.50		µg/L			117	70 - 130		

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QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	1,2-Dichloroethane	54.90		µg/L			110	70 - 130		
LCS	1,2-Dichloropropane	47.17		µg/L			94.3	70 - 130		
LCS	1,3,5-Trimethylbenzene	56.97		µg/L			114	70 - 130		
LCS	1,3-Dichloropropane									
LCS	Acrolein	57.80		µg/L			116	70 - 130		
LCS	Benzene	49.19		µg/L			98.4	70 - 130		
LCS	Bromoform	38.84		µg/L			77.7	70 - 130		
LCS	Bromomethane	60.71		µg/L			121	70 - 130		
LCS	Carbon tetrachloride	49.04		µg/L			98.1	70 - 130		
LCS	Chlorobenzene	53.98		µg/L			108	70 - 130		
LCS	Chlorodibromomethane	40.07		µg/L			80.1	70 - 130		
LCS	Chloroform	58.16		µg/L			116	70 - 130		
LCS	Chloromethane	39.31		µg/L			78.6	70 - 130		
LCS	cis-1,2-Dichloroethene	57.01		µg/L			114	70 - 130		
LCS	cis-1,3-Dichloropropene	44.59		µg/L			89.2	70 - 130		
LCS	Dichloromethane	36.81		µg/L			73.6	70 - 130		
LCS	Ethylbenzene	56.23		µg/L			112	70 - 130		
LCS	Gasoline Range Organics	2609.71		µg/L			79.1			
LCS	m&p-Xylene	99.04		µg/L			99.0	70 - 130		
LCS	Naphthalene	35.63		µg/L			71.3	70 - 130		
LCS	o-Xylene	52.71		µg/L			105	70 - 130		
LCS	Tetrachloroethylene	62.10		µg/L			124	70 - 130		
LCS	Toluene	52.84		µg/L			106	70 - 130		
LCS	trans-1,2-Dichloroethene	36.80		µg/L			73.6	70 - 130		
LCS	trans-1,3-Dichloropropene	49.12		µg/L			98.2	70 - 130		
LCS	Trichloroethene	53.37		µg/L			107	70 - 130		
LCS	Vinyl chloride	49.63		µg/L			99.3	70 - 130		
LCS	Xylene, total	151.75		µg/L			101	70 - 130		
AA24283										
LCS	1,1,1-Trichloroethane	64.71		µg/L			129	70 - 130		
LCS	1,1,2,2-Tetrachloroethane	56.17		µg/L			112	70 - 130		
LCS	1,1,2-Trichloroethane	48.19		µg/L			96.4	70 - 130		
LCS	1,1-Dichloroethene	44.93		µg/L			89.9	70 - 130		
LCS	1,2,4-Trimethylbenzene	58.72		µg/L			117	70 - 130		
LCS	1,2-Dichloroethane	58.32		µg/L			117	70 - 130		
LCS	1,2-Dichloropropane	50.23		µg/L			100	70 - 130		
LCS	1,3,5-Trimethylbenzene	57.27		µg/L			115	70 - 130		
LCS	Acrolein	59.96		µg/L			120	70 - 130		
LCS	Benzene	53.59		µg/L			107	70 - 130		
LCS	Bromoform	42.69		µg/L			85.4	70 - 130		
LCS	Bromomethane	53.95		µg/L			108	70 - 130		
LCS	Carbon tetrachloride	56.59		µg/L			113	70 - 130		
LCS	Chlorobenzene	55.81		µg/L			112	70 - 130		
LCS	Chlorodibromomethane	44.17		µg/L			88.3	70 - 130		
LCS	Chloroform	62.99		µg/L			126	70 - 130		
LCS	Chloromethane	46.08		µg/L			92.2	70 - 130		
LCS	cis-1,2-Dichloroethene	62.09		µg/L			124	70 - 130		

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FINAL RESULTS REPORT

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Project Manager: Lauren Glazier **Project Name:** Impetro 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	cis-1,3-Dichloropropene	46.78		µg/L			93.6	70 - 130		
LCS	Dichloromethane	41.81		µg/L			83.6	70 - 130		
LCS	Ethylbenzene	58.93		µg/L			118	70 - 130		
LCS	Gasoline Range Organics	2675.44		µg/L			81.7			
LCS	m&p-Xylene	102.66		µg/L			103	70 - 130		
LCS	Naphthalene	37.40		µg/L			74.8	70 - 130		
LCS	o-Xylene	53.78		µg/L			108	70 - 130		
LCS	Tetrachloroethylene	60.61		µg/L			121	70 - 130		
LCS	Toluene	55.28		µg/L			111	70 - 130		
LCS	trans-1,2-Dichloroethene	39.79		µg/L			79.6	70 - 130		
LCS	trans-1,3-Dichloropropene	56.14		µg/L			112	70 - 130		
LCS	Trichloroethene	56.31		µg/L			113	70 - 130		
LCS	Vinyl chloride	51.35		µg/L			103	70 - 130		
LCS	Xylene, total	156.44		µg/L			104	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