

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-07	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	304000		1	28.3	50.0	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7440-38-2	Arsenic	272		1	3.48	10.0	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7440-39-3	Barium	7040		1	6.28	50.0	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7440-41-7	Beryllium	23.8		1	0.13	3.00	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7440-43-9	Cadmium	240		1	0.094	3.00	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7440-70-2	Calcium	2820000	D	10	330	10000	ug/L	03/10/25 08:55	03/13/25 18:08	SW6010	SW3010
7440-47-3	Chromium	760		1	0.66	5.00	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7440-48-4	Cobalt	657		1	0.50	15.0	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7440-50-8	Copper	11300		1	7.07	10.0	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7439-89-6	Iron	1240000	D	10	185	500	ug/L	03/10/25 08:55	03/13/25 18:08	SW6010	SW3010
7439-92-1	Lead	121000		1	3.51	6.00	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7439-95-4	Magnesium	140000		1	39.4	1000	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7439-96-5	Manganese	11800		1	1.46	10.0	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7439-97-6	Mercury	67.0	D	10	0.81	2.00	ug/L	03/07/25 14:40	03/10/25 13:08	SW7470A	
7440-02-0	Nickel	1980		1	0.85	20.0	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7440-09-7	Potassium	76100		1	685	1000	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7440-22-4	Silver	5.80	UD	10	5.80	50.0	ug/L	03/10/25 08:55	03/13/25 18:08	SW6010	SW3010
7440-23-5	Sodium	50100		1	237	1000	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7440-62-2	Vanadium	741		1	3.06	20.0	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010
7440-66-6	Zinc	9130		1	1.75	20.0	ug/L	03/10/25 08:55	03/13/25 18:44	SW6010	SW3010

Color Before:	Brown	Clarity Before:	Cloudy	Texture:
Color After:	Brown	Clarity After:	Clear	Artifacts:
Comments:	METALS-TAL			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits