

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/22/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	FB02222025	SDG No.:	Q1415
Lab Sample ID:	Q1415-05	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	28.3	U	1	28.3	50.0	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-36-0	Antimony	2.06	UN	1	2.06	25.0	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-39-3	Barium	6.28	U	1	6.28	50.0	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-41-7	Beryllium	0.13	U	1	0.13	3.00	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-70-2	Calcium	65.6	J	1	33.0	1000	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-47-3	Chromium	0.66	U	1	0.66	5.00	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-48-4	Cobalt	0.50	U	1	0.50	15.0	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-50-8	Copper	7.07	U	1	7.07	10.0	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7439-89-6	Iron	18.5	U	1	18.5	50.0	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7439-95-4	Magnesium	39.4	U	1	39.4	1000	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7439-96-5	Manganese	1.46	U	1	1.46	10.0	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	02/25/25 13:10	02/26/25 09:15	SW7470A	
7440-02-0	Nickel	0.85	U	1	0.85	20.0	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-09-7	Potassium	685	U	1	685	1000	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-23-5	Sodium	277	J	1	237	1000	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010
7440-66-6	Zinc	3.10	J	1	1.75	20.0	ug/L	02/25/25 09:10	03/10/25 13:17	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	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