

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-202-GW01	SDG No.:	Q2198
Lab Sample ID:	Q2198-05	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	23100	D	5	28.4	250	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-36-0	Antimony	16.9	UDN5		16.9	125	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-38-2	Arsenic	12.8	UD	5	12.8	50.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-39-3	Barium	68.1	JD	5	36.4	250	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-41-7	Beryllium	1.40	UD	5	1.40	15.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-43-9	Cadmium	1.25	UD	5	1.25	15.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-70-2	Calcium	33200	D	5	585	5000	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-47-3	Chromium	59.5	D	5	5.30	25.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-48-4	Cobalt	6.74	JD	5	5.65	75.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-50-8	Copper	50.5	D	5	11.5	50.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-89-6	Iron	26800	D	5	58.5	250	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-92-1	Lead	79.0	D	5	5.75	30.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-95-4	Magnesium	36300	D	5	610	5000	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-96-5	Manganese	354	DN	5	14.9	50.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7439-97-6	Mercury	0.31		1	0.076	0.20	ug/L	06/05/25 14:05	06/06/25 11:25	7470A	
7440-02-0	Nickel	23.9	JD	5	7.65	100	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-09-7	Potassium	30400	D	5	2300	5000	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7782-49-2	Selenium	24.1	UD	5	24.1	50.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-22-4	Silver	4.05	UD	5	4.05	25.0	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-23-5	Sodium	367000	D	5	2170	5000	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-28-0	Thallium	10.9	UD	5	10.9	100	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-62-2	Vanadium	77.0	JD	5	15.7	100	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010
7440-66-6	Zinc	149	D	5	41.7	100	ug/L	06/04/25 10:14	06/04/25 21:07	6010D	SW3010

Color Before:	Brown	Clarity Before:	Cloudy	Texture:
Color After:	light 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