

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-103-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6210		1	2.36	4.90	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-36-0	Antimony	0.15	UN	1	0.15	2.45	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-38-2	Arsenic	2.40		1	0.28	0.98	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-39-3	Barium	31.7	N	1	0.63	4.90	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-41-7	Beryllium	0.50	N	1	0.012	0.29	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-43-9	Cadmium	0.71		1	0.016	0.29	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-70-2	Calcium	6460		1	2.74	98.0	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-47-3	Chromium	28.4		1	0.053	0.49	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-48-4	Cobalt	10.9		1	0.057	1.47	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-50-8	Copper	37.4		1	0.46	0.98	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7439-89-6	Iron	14400		1	2.64	4.90	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7439-92-1	Lead	17.0	N	1	0.15	0.59	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7439-95-4	Magnesium	4650		1	3.36	98.0	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7439-96-5	Manganese	140		1	0.070	0.98	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7439-97-6	Mercury	0.035		1	0.0060	0.014	mg/Kg	03/10/25 09:25	03/11/25 09:18	SW7471B	
7440-02-0	Nickel	19.1		1	0.088	1.96	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-09-7	Potassium	1810	N	1	28.1	98.0	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7782-49-2	Selenium	0.32	UN	1	0.32	0.98	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-22-4	Silver	0.051	U	1	0.051	0.49	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-23-5	Sodium	192		1	35.4	98.0	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-28-0	Thallium	0.43	U	1	0.43	1.96	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-62-2	Vanadium	19.2		1	0.27	1.96	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050
7440-66-6	Zinc	31.0		1	0.11	1.96	mg/Kg	03/07/25 09:20	03/13/25 16:03	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	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