

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	12/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-01	SDG No.:	P5299
Lab Sample ID:	P5299-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	68.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6680		1	3.02	6.27	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-36-0	Antimony	0.19	UN	1	0.19	3.13	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-38-2	Arsenic	1.34		1	0.36	1.25	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-39-3	Barium	45.9	N	1	0.80	6.27	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-41-7	Beryllium	0.51	N	1	0.015	0.38	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-43-9	Cadmium	0.020	U	1	0.020	0.38	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-70-2	Calcium	1500		1	3.51	125	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-47-3	Chromium	26.1	N	1	0.068	0.63	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-48-4	Cobalt	7.49		1	0.073	1.88	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-50-8	Copper	29.5	N	1	0.59	1.25	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7439-89-6	Iron	14700		1	3.37	6.27	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7439-92-1	Lead	13.5		1	0.19	0.75	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7439-95-4	Magnesium	2490		1	4.30	125	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7439-96-5	Manganese	182		1	0.089	1.25	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7439-97-6	Mercury	0.099	N	1	0.0080	0.017	mg/Kg	12/18/24 08:35	12/18/24 14:02	SW7471B	
7440-02-0	Nickel	19.8		1	0.11	2.51	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-09-7	Potassium	1940	N	1	36.0	125	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7782-49-2	Selenium	0.41	UN	1	0.41	1.25	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-22-4	Silver	0.065	U	1	0.065	0.63	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-23-5	Sodium	210	N	1	45.2	125	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-28-0	Thallium	0.55	U	1	0.55	2.51	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-62-2	Vanadium	16.6	N	1	0.34	2.51	mg/Kg	12/18/24 12:20	12/20/24 20:10	SW6010	SW3050
7440-66-6	Zinc	30.2	N	1	0.14	2.51	mg/Kg	12/18/24 12:20	12/20/24 20:10	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