

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-02	SDG No.:	P5299
Lab Sample ID:	P5299-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6080		1	2.82	5.85	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-36-0	Antimony	0.18	UN	1	0.18	2.92	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-38-2	Arsenic	1.80		1	0.34	1.17	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-39-3	Barium	35.4	N	1	0.75	5.85	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-41-7	Beryllium	0.52	N	1	0.014	0.35	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-43-9	Cadmium	0.058	J	1	0.019	0.35	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-70-2	Calcium	995		1	3.27	117	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-47-3	Chromium	18.6	N	1	0.063	0.59	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-48-4	Cobalt	5.94		1	0.068	1.75	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-50-8	Copper	14.6	N	1	0.55	1.17	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7439-89-6	Iron	13100		1	3.14	5.85	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7439-92-1	Lead	11.4		1	0.18	0.70	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7439-95-4	Magnesium	1980		1	4.01	117	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7439-96-5	Manganese	136		1	0.083	1.17	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7439-97-6	Mercury	0.022	N	1	0.0080	0.017	mg/Kg	12/18/24 08:35	12/18/24 14:04	SW7471B	
7440-02-0	Nickel	12.8		1	0.11	2.34	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-09-7	Potassium	801	N	1	33.6	117	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7782-49-2	Selenium	0.39	UN	1	0.39	1.17	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-22-4	Silver	0.061	U	1	0.061	0.59	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-23-5	Sodium	120	N	1	42.2	117	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-28-0	Thallium	0.51	U	1	0.51	2.34	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-62-2	Vanadium	15.9	N	1	0.32	2.34	mg/Kg	12/18/24 12:20	12/20/24 20:14	SW6010	SW3050
7440-66-6	Zinc	27.2	N	1	0.13	2.34	mg/Kg	12/18/24 12:20	12/20/24 20:14	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