

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:	P5299-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	75.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8690		1	2.85	5.91	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-36-0	Antimony	0.18	UN	1	0.18	2.96	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-38-2	Arsenic	2.21		1	0.34	1.18	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-39-3	Barium	31.8	N	1	0.76	5.91	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-41-7	Beryllium	0.54	N	1	0.014	0.36	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-43-9	Cadmium	0.019	U	1	0.019	0.36	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-70-2	Calcium	462		1	3.31	118	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-47-3	Chromium	13.2	N	1	0.064	0.59	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-48-4	Cobalt	6.16		1	0.069	1.77	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-50-8	Copper	36.0	N	1	0.56	1.18	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7439-89-6	Iron	14500		1	3.18	5.91	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7439-92-1	Lead	9.33		1	0.18	0.71	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7439-95-4	Magnesium	2130		1	4.06	118	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7439-96-5	Manganese	124		1	0.084	1.18	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7439-97-6	Mercury	0.11	N	1	0.0080	0.019	mg/Kg	12/18/24 08:35	12/18/24 13:59	SW7471B	
7440-02-0	Nickel	11.5		1	0.11	2.37	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-09-7	Potassium	702	N	1	33.9	118	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7782-49-2	Selenium	0.39	UN	1	0.39	1.18	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-22-4	Silver	0.061	U	1	0.061	0.59	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-23-5	Sodium	250	N	1	42.7	118	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-28-0	Thallium	0.52	U	1	0.52	2.37	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-62-2	Vanadium	17.5	N	1	0.32	2.37	mg/Kg	12/18/24 12:20	12/20/24 20:06	SW6010	SW3050
7440-66-6	Zinc	22.9	N	1	0.13	2.37	mg/Kg	12/18/24 12:20	12/20/24 20:06	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