

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	12/14/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-01	SDG No.:	P5299
Lab Sample ID:	P5299-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2440		1	2.90	6.01	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-36-0	Antimony	0.18	UN	1	0.18	3.00	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-38-2	Arsenic	5.96		1	0.35	1.20	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-39-3	Barium	22.3	N	1	0.77	6.01	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-41-7	Beryllium	0.25	JN	1	0.014	0.36	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-43-9	Cadmium	0.019	U	1	0.019	0.36	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-70-2	Calcium	1990		1	3.36	120	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-47-3	Chromium	7.98	N	1	0.065	0.60	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-48-4	Cobalt	2.15		1	0.070	1.80	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-50-8	Copper	13.6	N	1	0.56	1.20	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7439-89-6	Iron	12000		1	3.23	6.01	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7439-92-1	Lead	11.0		1	0.18	0.72	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7439-95-4	Magnesium	947		1	4.12	120	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7439-96-5	Manganese	41.4		1	0.085	1.20	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7439-97-6	Mercury	0.13	N	1	0.0070	0.015	mg/Kg	12/18/24 08:35	12/18/24 13:57	SW7471B	
7440-02-0	Nickel	4.25		1	0.11	2.40	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-09-7	Potassium	937	N	1	34.5	120	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7782-49-2	Selenium	0.40	UN	1	0.40	1.20	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-22-4	Silver	0.062	U	1	0.062	0.60	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-23-5	Sodium	122	N	1	43.4	120	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-28-0	Thallium	0.53	U	1	0.53	2.40	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-62-2	Vanadium	14.6	N	1	0.32	2.40	mg/Kg	12/18/24 12:20	12/20/24 18:38	SW6010	SW3050
7440-66-6	Zinc	11.3	N	1	0.13	2.40	mg/Kg	12/18/24 12:20	12/20/24 18:38	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