

Report of Analysis

Client:	PSEG	Date Collected:	08/20/25
Project:	Hamilton ROW Bridge	Date Received:	08/20/25
Client Sample ID:	BRIDGE-WEST	SDG No.:	Q2915
Lab Sample ID:	Q2915-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6490		1	0.91	5.41	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.70	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-38-2	Arsenic	2.26	*	1	0.21	1.08	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-39-3	Barium	18.5	N	1	0.79	5.41	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-41-7	Beryllium	0.27	JN	1	0.027	0.32	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-43-9	Cadmium	0.11	J	1	0.026	0.32	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-70-2	Calcium	110	*	1	12.0	108	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-47-3	Chromium	7.64	N	1	0.051	0.54	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-48-4	Cobalt	2.21	*	1	0.11	1.62	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-50-8	Copper	6.86	N*	1	0.24	1.08	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7439-89-6	Iron	7910		1	4.31	5.41	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7439-92-1	Lead	7.30	*	1	0.14	0.65	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7439-95-4	Magnesium	1230		1	13.0	108	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7439-96-5	Manganese	34.8		1	0.15	1.08	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7439-97-6	Mercury	0.019		1	0.0080	0.014	mg/Kg	08/21/25 16:35	08/22/25 13:04	7471B	
7440-02-0	Nickel	6.99	*	1	0.14	2.16	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-09-7	Potassium	357	N	1	29.9	108	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7782-49-2	Selenium	0.44	J	1	0.28	1.08	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-22-4	Silver	0.29	J	1	0.13	0.54	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-23-5	Sodium	57.6	J	1	19.2	108	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.16	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-62-2	Vanadium	10.7		1	0.27	2.16	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050
7440-66-6	Zinc	23.5	N	1	0.25	2.16	mg/Kg	08/21/25 12:05	08/21/25 18:12	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Bayshore			

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