

Report of Analysis

Client:	PSEG	Date Collected:	07/30/25
Project:	Row Watchung Bridge Replacement	Date Received:	07/30/25
Client Sample ID:	WBR-PBO	SDG No.:	Q2726
Lab Sample ID:	Q2726-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7110		1	0.90	5.35	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.68	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-38-2	Arsenic	5.91		1	0.20	1.07	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-39-3	Barium	49.4	N*	1	0.78	5.35	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-41-7	Beryllium	0.69		1	0.027	0.32	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-43-9	Cadmium	0.23	J	1	0.026	0.32	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-70-2	Calcium	1650		1	11.9	107	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-47-3	Chromium	19.6		1	0.050	0.54	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-48-4	Cobalt	10.1		1	0.11	1.61	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-50-8	Copper	24.7	*	1	0.24	1.07	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7439-89-6	Iron	15500		1	4.27	5.35	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7439-92-1	Lead	26.4		1	0.14	0.64	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7439-95-4	Magnesium	2620		1	12.9	107	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7439-96-5	Manganese	366		1	0.15	1.07	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7439-97-6	Mercury	0.20		1	0.0090	0.017	mg/Kg	08/01/25 11:03	08/01/25 13:03	7471B	
7440-02-0	Nickel	13.1		1	0.14	2.14	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-09-7	Potassium	213	N	1	29.7	107	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7782-49-2	Selenium	0.37	J	1	0.28	1.07	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-22-4	Silver	0.46	J	1	0.13	0.54	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-23-5	Sodium	56.6	JN	1	19.1	107	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.14	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-62-2	Vanadium	34.1		1	0.27	2.14	mg/Kg	07/31/25 10:10	08/01/25 13:08	6010D	SW3050
7440-66-6	Zinc	36.6		1	0.25	2.14	mg/Kg	07/31/25 10:10	08/01/25 13:08	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