

Report of Analysis

Client:	PSEG	Date Collected:	06/16/25
Project:	Row Watchung Bridge Replacement	Date Received:	06/16/25
Client Sample ID:	WBR-1	SDG No.:	Q2336
Lab Sample ID:	Q2336-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	75.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9670		1	1.05	6.23	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-36-0	Antimony	1.53	J	1	0.27	3.12	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-38-2	Arsenic	7.89		1	0.24	1.25	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-39-3	Barium	75.5		1	0.91	6.23	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-41-7	Beryllium	0.91		1	0.031	0.37	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-43-9	Cadmium	0.39		1	0.030	0.37	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-70-2	Calcium	1650		1	13.8	125	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-47-3	Chromium	24.7		1	0.059	0.62	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-48-4	Cobalt	16.3		1	0.13	1.87	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-50-8	Copper	26.9		1	0.27	1.25	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7439-89-6	Iron	22400		1	4.97	6.23	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7439-92-1	Lead	53.2		1	0.16	0.75	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7439-95-4	Magnesium	2350		1	15.0	125	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7439-96-5	Manganese	674		1	0.17	1.25	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7439-97-6	Mercury	0.10		1	0.010	0.018	mg/Kg	06/17/25 08:10	06/17/25 12:11	7471B	
7440-02-0	Nickel	17.4		1	0.16	2.49	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-09-7	Potassium	313		1	34.5	125	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7782-49-2	Selenium	3.99		1	0.32	1.25	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-22-4	Silver	1.29		1	0.15	0.62	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-23-5	Sodium	72.9	J	1	22.2	125	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-28-0	Thallium	0.29	U	1	0.29	2.49	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-62-2	Vanadium	57.3		1	0.31	2.49	mg/Kg	06/17/25 10:05	06/19/25 15:47	6010D	SW3050
7440-66-6	Zinc	59.5		1	0.14	2.49	mg/Kg	06/17/25 10:05	06/19/25 15:47	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