

Report of Analysis

Client:	PSEG	Date Collected:	06/16/25
Project:	Row Watchung Bridge Replacement	Date Received:	06/16/25
Client Sample ID:	WBR-2	SDG No.:	Q2336
Lab Sample ID:	Q2336-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	13700		1	0.93	5.56	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-36-0	Antimony	1.00	J	1	0.25	2.78	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-38-2	Arsenic	11.5		1	0.21	1.11	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-39-3	Barium	147		1	0.81	5.56	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-41-7	Beryllium	0.91		1	0.028	0.33	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-43-9	Cadmium	0.19	J	1	0.027	0.33	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-70-2	Calcium	1230		1	12.3	111	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-47-3	Chromium	24.1		1	0.052	0.56	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-48-4	Cobalt	25.8		1	0.11	1.67	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-50-8	Copper	43.2		1	0.25	1.11	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7439-89-6	Iron	23600		1	4.44	5.56	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7439-92-1	Lead	10.2		1	0.14	0.67	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7439-95-4	Magnesium	3810		1	13.3	111	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7439-96-5	Manganese	1140		1	0.16	1.11	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7439-97-6	Mercury	0.016		1	0.0080	0.015	mg/Kg	06/17/25 08:10	06/17/25 12:13	7471B	
7440-02-0	Nickel	27.9		1	0.14	2.22	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-09-7	Potassium	537		1	30.8	111	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7782-49-2	Selenium	4.22		1	0.29	1.11	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-22-4	Silver	1.19		1	0.13	0.56	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-23-5	Sodium	170		1	19.8	111	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-28-0	Thallium	0.26	U	1	0.26	2.22	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-62-2	Vanadium	52.7		1	0.28	2.22	mg/Kg	06/17/25 10:05	06/19/25 15:51	6010D	SW3050
7440-66-6	Zinc	44.3		1	0.12	2.22	mg/Kg	06/17/25 10:05	06/19/25 15:51	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