

Report of Analysis

Client:	PSEG	Date Collected:	05/02/25
Project:	PSEG Bound Brook	Date Received:	05/02/25
Client Sample ID:	BB-CONCRETE	SDG No.:	Q1946
Lab Sample ID:	Q1946-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8320		1	0.82	4.88	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-36-0	Antimony	0.22	U	1	0.22	2.44	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-38-2	Arsenic	1.66		1	0.19	0.98	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-39-3	Barium	27.1		1	0.71	4.88	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-41-7	Beryllium	0.45		1	0.024	0.29	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-43-9	Cadmium	0.21	J	1	0.023	0.29	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-70-2	Calcium	57200		1	10.8	97.6	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-47-3	Chromium	7.87		1	0.046	0.49	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-48-4	Cobalt	7.41		1	0.098	1.46	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-50-8	Copper	35.9		1	0.22	0.98	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7439-89-6	Iron	12100		1	3.89	4.88	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7439-92-1	Lead	5.36		1	0.13	0.59	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7439-95-4	Magnesium	8480		1	11.7	97.6	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7439-96-5	Manganese	157		1	0.14	0.98	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7439-97-6	Mercury	0.0080	U	1	0.0080	0.013	mg/Kg	05/06/25 08:38	05/06/25 11:39	SW7471B	
7440-02-0	Nickel	17.7		1	0.13	1.95	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-09-7	Potassium	466		1	27.0	97.6	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.98	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-22-4	Silver	0.13	J	1	0.12	0.49	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-23-5	Sodium	1050		1	17.4	97.6	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.95	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-62-2	Vanadium	27.9		1	0.24	1.95	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	SW3050
7440-66-6	Zinc	25.1		1	0.22	1.95	mg/Kg	05/05/25 10:15	05/06/25 20:22	SW6010	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