

Report of Analysis

Client:	PSEG	Date Collected:	09/24/25
Project:	Hackensack Sub HQ	Date Received:	09/24/25
Client Sample ID:	72-11989	SDG No.:	Q3189
Lab Sample ID:	Q3189-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4280		1	0.76	4.51	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-36-0	Antimony	0.20	U	1	0.20	2.26	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-38-2	Arsenic	3.69		1	0.17	0.90	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-39-3	Barium	21.0		1	0.66	4.51	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-41-7	Beryllium	0.35		1	0.023	0.27	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-43-9	Cadmium	0.22	J	1	0.022	0.27	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-70-2	Calcium	1510		1	10.0	90.3	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-47-3	Chromium	6.87		1	0.042	0.45	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-48-4	Cobalt	3.55		1	0.090	1.35	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-50-8	Copper	13.9		1	0.20	0.90	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7439-89-6	Iron	7740		1	3.60	4.51	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7439-92-1	Lead	22.5	*	1	0.12	0.54	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7439-95-4	Magnesium	1780		1	10.8	90.3	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7439-96-5	Manganese	141		1	0.13	0.90	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7439-97-6	Mercury	0.057		1	0.0080	0.014	mg/Kg	09/25/25 10:15	09/25/25 13:27	7471B	
7440-02-0	Nickel	7.69		1	0.12	1.81	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-09-7	Potassium	415		1	25.0	90.3	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7782-49-2	Selenium	0.24	U	1	0.24	0.90	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-22-4	Silver	0.11	U	1	0.11	0.45	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-23-5	Sodium	159		1	16.1	90.3	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-28-0	Thallium	0.21	U	1	0.21	1.81	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-62-2	Vanadium	10.5		1	0.23	1.81	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050
7440-66-6	Zinc	39.4		1	0.21	1.81	mg/Kg	09/25/25 10:40	09/25/25 15:04	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
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