

Report of Analysis

Client:	PSEG	Date Collected:	09/24/25
Project:	Clifton HQ	Date Received:	09/24/25
Client Sample ID:	228	SDG No.:	Q3187
Lab Sample ID:	Q3187-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8010		1	0.78	4.63	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-36-0	Antimony	0.20	U	1	0.20	2.31	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-38-2	Arsenic	12.8		1	0.18	0.93	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-39-3	Barium	117		1	0.68	4.63	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-41-7	Beryllium	0.64		1	0.023	0.28	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-43-9	Cadmium	0.85		1	0.022	0.28	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-70-2	Calcium	4310		1	10.3	92.5	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-47-3	Chromium	23.5		1	0.043	0.46	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-48-4	Cobalt	6.27		1	0.093	1.39	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-50-8	Copper	39.1		1	0.20	0.93	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7439-89-6	Iron	12700		1	3.69	4.63	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7439-92-1	Lead	146	*	1	0.12	0.56	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7439-95-4	Magnesium	3550		1	11.1	92.5	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7439-96-5	Manganese	239		1	0.13	0.93	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7439-97-6	Mercury	0.22		1	0.0080	0.014	mg/Kg	09/25/25 10:15	09/25/25 13:23	7471B	
7440-02-0	Nickel	14.2		1	0.12	1.85	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-09-7	Potassium	1020		1	25.6	92.5	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7782-49-2	Selenium	0.57	J	1	0.24	0.93	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-22-4	Silver	0.27	J	1	0.11	0.46	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-23-5	Sodium	191		1	16.5	92.5	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-28-0	Thallium	0.21	U	1	0.21	1.85	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-62-2	Vanadium	23.9		1	0.23	1.85	mg/Kg	09/25/25 10:40	09/25/25 13:15	6010D	SW3050
7440-66-6	Zinc	113		1	0.21	1.85	mg/Kg	09/25/25 10:40	09/25/25 13:15	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