

Report of Analysis

Client:	PSEG	Date Collected:	01/22/25
Project:	Clifton HQ	Date Received:	01/22/25
Client Sample ID:	VNJ-220	SDG No.:	Q1154
Lab Sample ID:	Q1154-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	72

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6010	Q	1	2.95	6.12	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-36-0	Antimony	0.18	UNQ	1	0.18	3.06	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-38-2	Arsenic	12.0	Q	1	0.36	1.22	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-39-3	Barium	74.9	NQ	1	0.78	6.12	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-41-7	Beryllium	2.23	NQ	1	0.015	0.37	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-43-9	Cadmium	2.65	Q	1	0.020	0.37	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-70-2	Calcium	3950	Q	1	3.43	122	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-47-3	Chromium	28.0	NQ	1	0.066	0.61	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-48-4	Cobalt	21.0	NQ	1	0.071	1.84	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-50-8	Copper	7.83	NQ	1	0.57	1.22	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7439-89-6	Iron	5750	Q	1	3.29	6.12	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7439-92-1	Lead	7.81		1	0.18	0.73	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7439-95-4	Magnesium	6040	Q	1	4.20	122	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7439-96-5	Manganese	195	Q	1	0.087	1.22	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7439-97-6	Mercury	0.0080	U	1	0.0080	0.018	mg/Kg	01/23/25 14:43	01/23/25 16:01	SW7471B	
7440-02-0	Nickel	20.2	Q	1	0.11	2.45	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-09-7	Potassium	994	NQ	1	35.1	122	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7782-49-2	Selenium	0.40	UNQ	1	0.40	1.22	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-22-4	Silver	0.064	UQ	1	0.064	0.61	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-23-5	Sodium	693	NQ	1	44.2	122	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-28-0	Thallium	0.54	UQ	1	0.54	2.45	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-62-2	Vanadium	21.5	NQ	1	0.33	2.45	mg/Kg	01/23/25 10:15	01/27/25 11:50	SW6010	SW3050
7440-66-6	Zinc	30.4	NQ	1	0.14	2.45	mg/Kg	01/23/25 10:15	01/27/25 11:50	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