

Report of Analysis

Client:	PSEG	Date Collected:	07/09/25
Project:	Hackensack Sub HQ	Date Received:	07/09/25
Client Sample ID:	VNJ-204	SDG No.:	Q2551
Lab Sample ID:	Q2551-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5080		1	0.83	4.92	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-36-0	Antimony	2.46	UN	1	0.22	2.46	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-38-2	Arsenic	5.99		1	0.19	0.98	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-39-3	Barium	42.6	N	1	0.72	4.92	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-41-7	Beryllium	0.57		1	0.025	0.30	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-43-9	Cadmium	0.27	J	1	0.024	0.30	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-70-2	Calcium	5000		1	10.9	98.4	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-47-3	Chromium	6.31		1	0.046	0.49	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-48-4	Cobalt	7.51		1	0.098	1.48	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-50-8	Copper	88.1		1	0.22	0.98	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7439-89-6	Iron	14900		1	3.93	4.92	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7439-92-1	Lead	36.6		1	0.13	0.59	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7439-95-4	Magnesium	1690		1	11.8	98.4	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7439-96-5	Manganese	285		1	0.14	0.98	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7439-97-6	Mercury	0.055	N	1	0.0080	0.014	mg/Kg	07/10/25 16:00	07/11/25 15:13	7471B	
7440-02-0	Nickel	8.93		1	0.13	1.97	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-09-7	Potassium	1100		1	27.3	98.4	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7782-49-2	Selenium	0.98	UN	1	0.26	0.98	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-22-4	Silver	0.49	U	1	0.12	0.49	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-23-5	Sodium	210		1	17.5	98.4	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-28-0	Thallium	1.97	U	1	0.23	1.97	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-62-2	Vanadium	13.8	N	1	0.25	1.97	mg/Kg	07/10/25 10:15	07/11/25 02:32	6010D	SW3050
7440-66-6	Zinc	67.3		1	0.23	1.97	mg/Kg	07/10/25 10:15	07/11/25 02:32	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