

Report of Analysis

Client:	PSEG	Date Collected:	10/08/25
Project:	Hackensack Sub HQ	Date Received:	10/08/25
Client Sample ID:	72-11989	SDG No.:	Q3315
Lab Sample ID:	Q3315-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	96.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6050		1	0.76	4.52	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-36-0	Antimony	2.26	UN	1	0.20	2.26	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-38-2	Arsenic	2.78		1	0.17	0.90	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-39-3	Barium	23.8	N	1	0.66	4.52	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-41-7	Beryllium	0.40		1	0.023	0.27	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-43-9	Cadmium	0.24	J	1	0.022	0.27	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-70-2	Calcium	861		1	10.0	90.4	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-47-3	Chromium	9.48	N	1	0.042	0.45	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-48-4	Cobalt	4.51		1	0.090	1.36	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-50-8	Copper	10.2		1	0.20	0.90	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7439-89-6	Iron	11700		1	3.61	4.52	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7439-92-1	Lead	23.0	N	1	0.12	0.54	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7439-95-4	Magnesium	1420		1	10.8	90.4	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7439-96-5	Manganese	186		1	0.13	0.90	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7439-97-6	Mercury	0.074	N	1	0.0070	0.012	mg/Kg	10/09/25 11:40	10/09/25 14:57	7471B	
7440-02-0	Nickel	8.92	N	1	0.12	1.81	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-09-7	Potassium	338		1	25.0	90.4	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7782-49-2	Selenium	0.90	U	1	0.24	0.90	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-22-4	Silver	0.38	J	1	0.11	0.45	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-23-5	Sodium	194		1	16.1	90.4	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-28-0	Thallium	1.81	U	1	0.21	1.81	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-62-2	Vanadium	15.6		1	0.23	1.81	mg/Kg	10/09/25 10:40	10/09/25 17:39	6010D	SW3050
7440-66-6	Zinc	36.4	N	1	0.21	1.81	mg/Kg	10/09/25 10:40	10/09/25 17:39	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