

Report of Analysis

Client:	PSEG	Date Collected:	05/29/25
Project:	Hackensack Sub HQ	Date Received:	05/29/25
Client Sample ID:	291	SDG No.:	Q2157
Lab Sample ID:	Q2157-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	25.3		1	0.31	1.74	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-36-0	Antimony	0.083	J	1	0.039	0.17	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-38-2	Arsenic	0.25		1	0.010	0.087	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-39-3	Barium	3.70		1	0.029	0.87	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-41-7	Beryllium	0.087	U	1	0.028	0.087	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-43-9	Cadmium	0.11		1	0.016	0.087	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-70-2	Calcium	2800		1	4.17	43.5	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-47-3	Chromium	0.91		1	0.023	0.17	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-48-4	Cobalt	0.065	J	1	0.0080	0.087	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-50-8	Copper	16.2		1	0.057	0.17	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7439-89-6	Iron	211		1	0.80	4.35	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7439-92-1	Lead	0.94		1	0.028	0.087	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7439-95-4	Magnesium	123		1	1.68	43.5	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7439-96-5	Manganese	7.27		1	0.030	0.087	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7439-97-6	Mercury	0.012	U	1	0.0070	0.012	mg/Kg	05/30/25 08:35	05/30/25 13:53	7471B	
7440-02-0	Nickel	0.45		1	0.037	0.087	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-09-7	Potassium	14.5	J	1	3.34	43.5	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7782-49-2	Selenium	0.56		1	0.24	0.44	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-22-4	Silver	0.087	U	1	0.023	0.087	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-23-5	Sodium	81.2		1	6.10	43.5	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-28-0	Thallium	0.12		1	0.012	0.087	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-62-2	Vanadium	0.14	J	1	0.010	0.44	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050
7440-66-6	Zinc	232		1	0.078	0.44	mg/Kg	05/30/25 10:20	06/04/25 04:18	6020B	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

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