

Report of Analysis

Client:	PSEG	Date Collected:	11/26/24
Project:	Livingston Substation	Date Received:	11/26/24
Client Sample ID:	STOCK-PILE	SDG No.:	P5005
Lab Sample ID:	P5005-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8540		1	2.46	5.11	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-36-0	Antimony	2.55	U	1	0.15	2.55	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-38-2	Arsenic	1.99		1	0.30	1.02	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-39-3	Barium	28.4	N	1	0.65	5.11	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-41-7	Beryllium	0.45		1	0.012	0.31	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-43-9	Cadmium	2.14		1	0.016	0.31	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-70-2	Calcium	5320		1	2.86	102	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-47-3	Chromium	17.4	N	1	0.055	0.51	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-48-4	Cobalt	11.1		1	0.059	1.53	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-50-8	Copper	24.3	N	1	0.48	1.02	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7439-89-6	Iron	16500		1	2.75	5.11	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7439-92-1	Lead	6.03		1	0.15	0.61	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7439-95-4	Magnesium	4290		1	3.50	102	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7439-96-5	Manganese	307		1	0.073	1.02	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7439-97-6	Mercury	0.014	U	1	0.0060	0.014	mg/Kg	11/27/24 11:52	11/27/24 13:18	SW7471B	
7440-02-0	Nickel	15.0		1	0.092	2.04	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-09-7	Potassium	332	N	1	29.3	102	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7782-49-2	Selenium	1.02	U	1	0.34	1.02	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-22-4	Silver	0.51	UN	1	0.053	0.51	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-23-5	Sodium	438	N	1	36.9	102	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-28-0	Thallium	2.04	U	1	0.45	2.04	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-62-2	Vanadium	42.6	N	1	0.28	2.04	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050
7440-66-6	Zinc	32.5	N	1	0.11	2.04	mg/Kg	11/26/24 16:15	12/02/24 12:16	SW6010	SW3050

Color Before:	Brown	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