

Report of Analysis

Client:	PSEG	Date Collected:	03/26/25
Project:	Livingston Pole Replacement	Date Received:	03/26/25
Client Sample ID:	STOCK-PILE-BIN2	SDG No.:	Q1650
Lab Sample ID:	Q1650-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5040		1	2.47	5.13	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-36-0	Antimony	2.57	UN	1	0.15	2.57	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-38-2	Arsenic	2.58		1	0.30	1.03	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-39-3	Barium	24.3	N	1	0.66	5.13	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-41-7	Beryllium	0.35	N	1	0.012	0.31	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-43-9	Cadmium	0.31	U	1	0.016	0.31	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-70-2	Calcium	1590		1	2.87	103	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-47-3	Chromium	14.0		1	0.055	0.51	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-48-4	Cobalt	5.47		1	0.060	1.54	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-50-8	Copper	19.4	N	1	0.48	1.03	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7439-89-6	Iron	11300		1	2.76	5.13	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7439-92-1	Lead	18.3		1	0.15	0.62	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7439-95-4	Magnesium	1710		1	3.52	103	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7439-96-5	Manganese	156		1	0.073	1.03	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7439-97-6	Mercury	0.20		1	0.0080	0.014	mg/Kg	03/26/25 11:52	03/27/25 16:17	SW7471B	
7440-02-0	Nickel	9.98		1	0.092	2.05	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-09-7	Potassium	558	N	1	29.4	103	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7782-49-2	Selenium	1.03	UN	1	0.34	1.03	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-22-4	Silver	0.38	JN	1	0.053	0.51	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-23-5	Sodium	198		1	37.0	103	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-28-0	Thallium	2.05	U	1	0.45	2.05	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-62-2	Vanadium	18.4	N	1	0.28	2.05	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050
7440-66-6	Zinc	47.3		1	0.11	2.05	mg/Kg	03/26/25 12:05	03/26/25 16:02	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS TAL+CN			

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