

Report of Analysis

Client:	PSEG	Date Collected:	03/20/25
Project:	Port St- Newark Project	Date Received:	03/20/25
Client Sample ID:	TP-5	SDG No.:	Q1619
Lab Sample ID:	Q1619-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3100		1	2.49	5.16	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-36-0	Antimony	2.58	UN	1	0.16	2.58	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-38-2	Arsenic	3.02		1	0.30	1.03	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-39-3	Barium	18.0		1	0.66	5.16	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-41-7	Beryllium	0.23	JN	1	0.012	0.31	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-43-9	Cadmium	0.31	U	1	0.017	0.31	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-70-2	Calcium	1280		1	2.89	103	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-47-3	Chromium	53.9		1	0.056	0.52	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-48-4	Cobalt	2.92	N	1	0.060	1.55	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-50-8	Copper	13.1		1	0.49	1.03	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7439-89-6	Iron	6580		1	2.78	5.16	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7439-92-1	Lead	10.6		1	0.16	0.62	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7439-95-4	Magnesium	1030		1	3.54	103	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7439-96-5	Manganese	121		1	0.073	1.03	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7439-97-6	Mercury	0.041		1	0.0080	0.015	mg/Kg	03/20/25 16:40	03/21/25 11:48	SW7471B	
7440-02-0	Nickel	7.47		1	0.093	2.06	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-09-7	Potassium	377		1	29.6	103	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7782-49-2	Selenium	1.03	U	1	0.34	1.03	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-22-4	Silver	0.072	J	1	0.054	0.52	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-23-5	Sodium	103		1	37.2	103	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-28-0	Thallium	2.06	U	1	0.45	2.06	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-62-2	Vanadium	9.67		1	0.28	2.06	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050
7440-66-6	Zinc	42.7		1	0.11	2.06	mg/Kg	03/21/25 10:15	03/25/25 12:54	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Full Waste Classification			

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