

Report of Analysis

Client:	PSEG	Date Collected:	03/20/25
Project:	Port St- Newark Project	Date Received:	03/20/25
Client Sample ID:	TP-2	SDG No.:	Q1619
Lab Sample ID:	Q1619-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	86

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5440		1	2.51	5.21	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-36-0	Antimony	2.61	UN	1	0.16	2.61	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-38-2	Arsenic	3.98		1	0.30	1.04	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-39-3	Barium	54.8		1	0.67	5.21	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-41-7	Beryllium	0.53	N	1	0.013	0.31	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-43-9	Cadmium	0.049	J	1	0.017	0.31	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-70-2	Calcium	8460		1	2.92	104	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-47-3	Chromium	13.4		1	0.056	0.52	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-48-4	Cobalt	8.58	N	1	0.060	1.56	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-50-8	Copper	13.7		1	0.49	1.04	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7439-89-6	Iron	17200		1	2.81	5.21	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7439-92-1	Lead	11.4		1	0.16	0.63	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7439-95-4	Magnesium	1860		1	3.58	104	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7439-96-5	Manganese	153		1	0.074	1.04	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7439-97-6	Mercury	0.020		1	0.0090	0.015	mg/Kg	03/20/25 16:40	03/21/25 11:36	SW7471B	
7440-02-0	Nickel	15.2		1	0.094	2.09	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-09-7	Potassium	813		1	29.9	104	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7782-49-2	Selenium	1.04	U	1	0.34	1.04	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-22-4	Silver	0.52	U	1	0.054	0.52	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-23-5	Sodium	174		1	37.6	104	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-28-0	Thallium	0.75	J	1	0.46	2.09	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-62-2	Vanadium	15.9		1	0.28	2.09	mg/Kg	03/21/25 10:15	03/25/25 12:42	SW6010	SW3050
7440-66-6	Zinc	57.4		1	0.12	2.09	mg/Kg	03/21/25 10:15	03/25/25 12:42	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