

Report of Analysis

Client:	PSEG	Date Collected:	01/28/25
Project:	Sewaren Laydown Yard	Date Received:	01/28/25
Client Sample ID:	VNJ-236	SDG No.:	Q1205
Lab Sample ID:	Q1205-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2160		1	2.58	5.36	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-36-0	Antimony	2.68	UN	1	0.16	2.68	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-38-2	Arsenic	1.98		1	0.31	1.07	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-39-3	Barium	42.7		1	0.69	5.36	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-41-7	Beryllium	0.48		1	0.013	0.32	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-43-9	Cadmium	0.38		1	0.017	0.32	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-70-2	Calcium	1970		1	3.00	107	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-47-3	Chromium	5.84		1	0.058	0.54	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-48-4	Cobalt	5.84		1	0.062	1.61	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-50-8	Copper	22.7	N	1	0.50	1.07	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7439-89-6	Iron	4780		1	2.88	5.36	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7439-92-1	Lead	36.1		1	0.16	0.64	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7439-95-4	Magnesium	1300		1	3.68	107	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7439-96-5	Manganese	178	N	1	0.076	1.07	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7439-97-6	Mercury	0.057		1	0.0070	0.015	mg/Kg	01/29/25 13:30	01/30/25 07:46	SW7471B	
7440-02-0	Nickel	6.28		1	0.096	2.14	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-09-7	Potassium	193		1	30.8	107	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7782-49-2	Selenium	1.07	UN	1	0.35	1.07	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-22-4	Silver	0.54	U	1	0.056	0.54	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-23-5	Sodium	200	N	1	38.7	107	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-28-0	Thallium	2.14	U	1	0.47	2.14	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-62-2	Vanadium	9.63	N	1	0.29	2.14	mg/Kg	01/28/25 15:30	01/29/25 13:24	SW6010	SW3050
7440-66-6	Zinc	40.0	N	1	0.12	2.14	mg/Kg	01/28/25 15:30	01/29/25 13:24	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