

Report of Analysis

Client:	PSEG	Date Collected:	08/07/25
Project:	Sewaren Laydown Yard	Date Received:	08/07/25
Client Sample ID:	VNJ-222	SDG No.:	Q2800
Lab Sample ID:	Q2800-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3070		1	0.78	4.61	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-36-0	Antimony	2.31	U	1	0.20	2.31	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-38-2	Arsenic	1.89		1	0.18	0.92	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-39-3	Barium	35.6		1	0.67	4.61	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-41-7	Beryllium	0.30		1	0.023	0.28	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-43-9	Cadmium	0.21	J	1	0.022	0.28	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-70-2	Calcium	923		1	10.3	92.3	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-47-3	Chromium	6.59		1	0.043	0.46	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-48-4	Cobalt	3.00		1	0.092	1.38	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-50-8	Copper	17.3		1	0.20	0.92	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7439-89-6	Iron	6360		1	3.68	4.61	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7439-92-1	Lead	17.9		1	0.12	0.55	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7439-95-4	Magnesium	990		1	11.1	92.3	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7439-96-5	Manganese	120		1	0.13	0.92	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7439-97-6	Mercury	0.11	*	1	0.0070	0.013	mg/Kg	08/08/25 09:35	08/11/25 12:05	7471B	
7440-02-0	Nickel	6.29		1	0.12	1.85	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-09-7	Potassium	277		1	25.6	92.3	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7782-49-2	Selenium	0.92	U	1	0.24	0.92	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-22-4	Silver	0.46	U	1	0.11	0.46	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-23-5	Sodium	121		1	16.4	92.3	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-28-0	Thallium	1.85	U	1	0.21	1.85	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-62-2	Vanadium	9.08		1	0.23	1.85	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050
7440-66-6	Zinc	36.6		1	0.21	1.85	mg/Kg	08/08/25 13:15	08/11/25 15:39	6010D	SW3050

Color Before:	Light Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
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