

Report of Analysis

Client:	PSEG	Date Collected:	08/29/25
Project:	Sewaren Laydown Yard	Date Received:	08/29/25
Client Sample ID:	RT5427	SDG No.:	Q2995
Lab Sample ID:	Q2995-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9230		1	0.86	5.11	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-36-0	Antimony	2.56	UN	1	0.23	2.56	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-38-2	Arsenic	2.69	*	1	0.19	1.02	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-39-3	Barium	84.7	N	1	0.75	5.11	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-41-7	Beryllium	0.86		1	0.026	0.31	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-43-9	Cadmium	0.76		1	0.025	0.31	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-70-2	Calcium	1360		1	11.3	102	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-47-3	Chromium	16.2		1	0.048	0.51	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-48-4	Cobalt	13.8		1	0.10	1.53	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-50-8	Copper	9.86	N*	1	0.23	1.02	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7439-89-6	Iron	21600		1	4.08	5.11	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7439-92-1	Lead	18.8	N*	1	0.13	0.61	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7439-95-4	Magnesium	3460	*	1	12.3	102	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7439-96-5	Manganese	609		1	0.14	1.02	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7439-97-6	Mercury	0.014	UN	1	0.0080	0.014	mg/Kg	09/03/25 09:15	09/03/25 13:51	7471B	
7440-02-0	Nickel	23.5		1	0.13	2.05	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-09-7	Potassium	1720	N	1	28.3	102	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7782-49-2	Selenium	1.02	U	1	0.27	1.02	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-22-4	Silver	0.72		1	0.12	0.51	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-23-5	Sodium	259	N	1	18.2	102	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-28-0	Thallium	2.05	U	1	0.24	2.05	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-62-2	Vanadium	20.0		1	0.26	2.05	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	SW3050
7440-66-6	Zinc	56.7		1	0.24	2.05	mg/Kg	09/02/25 10:35	09/02/25 16:28	6010D	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