

Report of Analysis

Client:	PSEG	Date Collected:	05/27/25
Project:	PSEG East Edison Test Pits	Date Received:	05/28/25
Client Sample ID:	TP04-MHN-WC	SDG No.:	Q2146
Lab Sample ID:	Q2146-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	15800		1	0.97	5.74	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-36-0	Antimony	2.87	UN	1	0.25	2.87	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-38-2	Arsenic	6.43		1	0.22	1.15	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-39-3	Barium	46.8		1	0.84	5.74	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-41-7	Beryllium	1.09		1	0.029	0.34	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-43-9	Cadmium	1.51		1	0.028	0.34	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-70-2	Calcium	531		1	12.7	115	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-47-3	Chromium	17.5		1	0.054	0.57	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-48-4	Cobalt	57.2		1	0.12	1.72	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-50-8	Copper	18.6	N	1	0.25	1.15	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7439-89-6	Iron	38600		1	4.58	5.74	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7439-92-1	Lead	14.0		1	0.15	0.69	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7439-95-4	Magnesium	1300		1	13.8	115	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7439-96-5	Manganese	1070		1	0.16	1.15	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7439-97-6	Mercury	0.022		1	0.0090	0.017	mg/Kg	05/30/25 10:58	05/30/25 12:53	7471B	
7440-02-0	Nickel	17.7		1	0.15	2.30	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-09-7	Potassium	803	N	1	31.8	115	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7782-49-2	Selenium	1.15	UN	1	0.30	1.15	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-22-4	Silver	0.57	UN	1	0.14	0.57	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-23-5	Sodium	96.6	JN	1	20.4	115	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-28-0	Thallium	2.30	U	1	0.26	2.30	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-62-2	Vanadium	37.7	N	1	0.29	2.30	mg/Kg	05/29/25 10:05	06/02/25 14:50	6010D	SW3050
7440-66-6	Zinc	30.1	N	1	0.26	2.30	mg/Kg	05/29/25 10:05	06/02/25 14:50	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