

Report of Analysis

Client:	PSEG	Date Collected:	05/20/25
Project:	PSEG East Edison Test Pits	Date Received:	05/22/25
Client Sample ID:	TP-02-MHF	SDG No.:	Q2109
Lab Sample ID:	Q2109-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5390		1	0.95	5.64	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-36-0	Antimony	2.82	U	1	0.25	2.82	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-38-2	Arsenic	7.05		1	0.21	1.13	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-39-3	Barium	25.8		1	0.82	5.64	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-41-7	Beryllium	1.09		1	0.028	0.34	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-43-9	Cadmium	0.70		1	0.027	0.34	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-70-2	Calcium	556		1	12.5	113	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-47-3	Chromium	22.1		1	0.053	0.56	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-48-4	Cobalt	19.5		1	0.11	1.69	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-50-8	Copper	12.9		1	0.25	1.13	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7439-89-6	Iron	34400		1	4.50	5.64	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7439-92-1	Lead	13.1		1	0.15	0.68	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7439-95-4	Magnesium	1040		1	13.5	113	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7439-96-5	Manganese	331		1	0.16	1.13	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7439-97-6	Mercury	0.020		1	0.0080	0.014	mg/Kg	05/23/25 09:50	05/23/25 14:07	7471B	
7440-02-0	Nickel	10.3		1	0.15	2.26	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-09-7	Potassium	446		1	31.3	113	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7782-49-2	Selenium	1.13	U	1	0.29	1.13	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-22-4	Silver	0.56	U	1	0.14	0.56	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-23-5	Sodium	140		1	20.1	113	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-28-0	Thallium	2.10	J	1	0.26	2.26	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-62-2	Vanadium	32.5		1	0.28	2.26	mg/Kg	05/23/25 10:35	05/28/25 16:08	6010D	SW3050
7440-66-6	Zinc	25.8		1	0.26	2.26	mg/Kg	05/23/25 10:35	05/28/25 16:08	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