

Report of Analysis

Client:	PSEG	Date Collected:	05/30/25
Project:	PSEG East Edison Test Pits	Date Received:	05/30/25
Client Sample ID:	TP06-MHQ	SDG No.:	Q2172
Lab Sample ID:	Q2172-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10600		1	0.91	5.39	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-36-0	Antimony	2.69	UN	1	0.24	2.69	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-38-2	Arsenic	8.80	N	1	0.21	1.08	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-39-3	Barium	26.3	N	1	0.79	5.39	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-41-7	Beryllium	0.89	N*	1	0.027	0.32	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-43-9	Cadmium	1.53		1	0.026	0.32	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-70-2	Calcium	418		1	12.0	108	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-47-3	Chromium	12.6	N	1	0.051	0.54	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-48-4	Cobalt	17.9		1	0.11	1.62	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-50-8	Copper	25.7	N	1	0.24	1.08	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7439-89-6	Iron	32600		1	4.30	5.39	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7439-92-1	Lead	8.32	*	1	0.14	0.65	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7439-95-4	Magnesium	444		1	12.9	108	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7439-96-5	Manganese	215		1	0.15	1.08	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7439-97-6	Mercury	0.014	U	1	0.0080	0.014	mg/Kg	06/02/25 08:35	06/03/25 13:39	7471B	
7440-02-0	Nickel	12.8		1	0.14	2.16	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-09-7	Potassium	231	N	1	29.9	108	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7782-49-2	Selenium	1.08	U	1	0.28	1.08	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-22-4	Silver	1.23		1	0.13	0.54	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-23-5	Sodium	49.5	JN*	1	19.2	108	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-28-0	Thallium	2.16	U	1	0.25	2.16	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-62-2	Vanadium	23.9	N	1	0.27	2.16	mg/Kg	06/02/25 10:05	06/05/25 17:08	6010D	SW3050
7440-66-6	Zinc	16.4	N	1	0.25	2.16	mg/Kg	06/02/25 10:05	06/05/25 17:08	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