

Report of Analysis

Client:	PSEG	Date Collected:	11/01/24
Project:	PSEG Clay Street	Date Received:	11/02/24
Client Sample ID:	Z-01	SDG No.:	P4695
Lab Sample ID:	P4695-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5860		1	2.55	5.29	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-36-0	Antimony	0.61	J	1	0.16	2.64	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-38-2	Arsenic	4.83		1	0.31	1.06	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-39-3	Barium	42.9		1	0.68	5.29	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-41-7	Beryllium	0.45		1	0.013	0.32	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-43-9	Cadmium	2.10		1	0.017	0.32	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-70-2	Calcium	2910		1	2.96	106	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-47-3	Chromium	31.8		1	0.057	0.53	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-48-4	Cobalt	9.09		1	0.061	1.59	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-50-8	Copper	70.3		1	0.50	1.06	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7439-89-6	Iron	18600		1	2.84	5.29	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7439-92-1	Lead	56.5		1	0.16	0.63	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7439-95-4	Magnesium	1900		1	3.63	106	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7439-96-5	Manganese	356		1	0.075	1.06	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7439-97-6	Mercury	0.31		1	0.0060	0.014	mg/Kg	11/05/24 16:51	11/06/24 11:47	SW7471B	
7440-02-0	Nickel	14.8		1	0.095	2.11	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-09-7	Potassium	707		1	30.3	106	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7782-49-2	Selenium	1.06	U	1	0.35	1.06	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-22-4	Silver	0.30	J	1	0.055	0.53	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-23-5	Sodium	115		1	38.2	106	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-28-0	Thallium	0.55	J	1	0.47	2.11	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-62-2	Vanadium	18.6		1	0.28	2.11	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050
7440-66-6	Zinc	43.5		1	0.12	2.11	mg/Kg	11/06/24 10:00	11/07/24 22:26	SW6010	SW3050

Color Before:	Black	Clarity Before:	Texture:	Medium
Color After:	Brown	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