

Report of Analysis

Client:	PSEG	Date Collected:	06/03/25
Project:	Waldwick Substation	Date Received:	06/03/25
Client Sample ID:	COMP-12	SDG No.:	Q2194
Lab Sample ID:	Q2194-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	92

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5230		1	0.76	4.51	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-36-0	Antimony	2.26	UN	1	0.20	2.26	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-38-2	Arsenic	1.84		1	0.17	0.90	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-39-3	Barium	37.7	N	1	0.66	4.51	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-41-7	Beryllium	0.35	N	1	0.023	0.27	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-43-9	Cadmium	0.38	*	1	0.022	0.27	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-70-2	Calcium	1900		1	10.0	90.2	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-47-3	Chromium	8.56	N	1	0.042	0.45	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-48-4	Cobalt	6.30		1	0.090	1.35	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-50-8	Copper	21.7	N	1	0.20	0.90	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7439-89-6	Iron	12600		1	3.60	4.51	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7439-92-1	Lead	5.14		1	0.12	0.54	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7439-95-4	Magnesium	2440		1	10.8	90.2	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7439-96-5	Manganese	194		1	0.13	0.90	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7439-97-6	Mercury	0.0090	JN	1	0.0070	0.013	mg/Kg	06/04/25 08:15	06/04/25 15:43	7471B	
7440-02-0	Nickel	10.9		1	0.12	1.80	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-09-7	Potassium	416	N*	1	25.0	90.2	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7782-49-2	Selenium	0.90	U	1	0.24	0.90	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-22-4	Silver	0.46	N	1	0.11	0.45	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-23-5	Sodium	52.6	JN*	1	16.1	90.2	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-28-0	Thallium	1.80	U	1	0.21	1.80	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-62-2	Vanadium	19.4		1	0.23	1.80	mg/Kg	06/04/25 10:20	06/05/25 19:56	6010D	SW3050
7440-66-6	Zinc	46.9	N	1	0.21	1.80	mg/Kg	06/04/25 10:20	06/05/25 19:56	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