

Report of Analysis

Client:	PSEG	Date Collected:	11/04/25
Project:	PSEG Waldwick Substation	Date Received:	11/04/25
Client Sample ID:	MW-17-SOIL	SDG No.:	Q3537
Lab Sample ID:	Q3537-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3860		1	0.87	5.16	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-36-0	Antimony	2.58	UN	1	0.23	2.58	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-38-2	Arsenic	3.17	N	1	0.20	1.03	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-39-3	Barium	23.3		1	0.75	5.16	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-41-7	Beryllium	0.35	N	1	0.026	0.31	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-43-9	Cadmium	0.31	U	1	0.025	0.31	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-70-2	Calcium	1040		1	11.5	103	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-47-3	Chromium	7.84	N	1	0.048	0.52	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-48-4	Cobalt	4.45		1	0.10	1.55	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-50-8	Copper	8.03		1	0.23	1.03	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7439-89-6	Iron	9200		1	4.12	5.16	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7439-92-1	Lead	3.60		1	0.13	0.62	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7439-95-4	Magnesium	1360		1	12.4	103	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7439-96-5	Manganese	180	*	1	0.14	1.03	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7439-97-6	Mercury	0.016	U	1	0.0090	0.016	mg/Kg	11/05/25 08:40	11/05/25 11:55	7471B	
7440-02-0	Nickel	7.64		1	0.13	2.06	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-09-7	Potassium	321		1	28.6	103	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7782-49-2	Selenium	1.03	UN	1	0.27	1.03	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-22-4	Silver	0.19	JN	1	0.12	0.52	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-23-5	Sodium	25.5	JN	1	18.4	103	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-28-0	Thallium	2.06	U	1	0.24	2.06	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-62-2	Vanadium	13.4	N	1	0.26	2.06	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050
7440-66-6	Zinc	25.8	N	1	0.24	2.06	mg/Kg	11/05/25 10:40	11/06/25 16:14	6010D	SW3050

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