

Report of Analysis

Client:	PSEG	Date Collected:	10/02/25
Project:	Waldwick Substation	Date Received:	10/02/25
Client Sample ID:	SG-1-TEST-PIT	SDG No.:	Q3270
Lab Sample ID:	Q3270-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7920		1	0.77	4.58	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-36-0	Antimony	0.20	UN	1	0.20	2.29	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-38-2	Arsenic	3.38		1	0.17	0.92	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-39-3	Barium	25.3		1	0.67	4.58	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-41-7	Beryllium	0.58		1	0.023	0.28	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-43-9	Cadmium	0.37	*	1	0.022	0.28	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-70-2	Calcium	486		1	10.2	91.7	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-47-3	Chromium	8.94		1	0.043	0.46	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-48-4	Cobalt	4.89	N	1	0.092	1.38	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-50-8	Copper	10.7	N	1	0.20	0.92	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7439-89-6	Iron	15700		1	3.66	4.58	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7439-92-1	Lead	10.6		1	0.12	0.55	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7439-95-4	Magnesium	1490		1	11.0	91.7	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7439-96-5	Manganese	157		1	0.13	0.92	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7439-97-6	Mercury	0.025		1	0.0090	0.015	mg/Kg	10/06/25 09:25	10/06/25 15:18	7471B	
7440-02-0	Nickel	9.71		1	0.12	1.83	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-09-7	Potassium	296		1	25.4	91.7	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7782-49-2	Selenium	0.71	J	1	0.24	0.92	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-22-4	Silver	0.44	J	1	0.11	0.46	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-23-5	Sodium	74.3	J	1	16.3	91.7	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-28-0	Thallium	0.21	U	1	0.21	1.83	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-62-2	Vanadium	18.2	N	1	0.23	1.83	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050
7440-66-6	Zinc	27.4		1	0.21	1.83	mg/Kg	10/03/25 10:30	10/07/25 14:28	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Bayshore			

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