

Report of Analysis

Client:	PSEG	Date Collected:	05/01/25
Project:	Waldwick Substation	Date Received:	05/01/25
Client Sample ID:	COMP-5	SDG No.:	Q1932
Lab Sample ID:	Q1932-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6400		1	0.83	4.97	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-36-0	Antimony	2.48	UN*	1	0.22	2.48	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-38-2	Arsenic	1.49		1	0.19	0.99	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-39-3	Barium	26.2	*	1	0.73	4.97	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-41-7	Beryllium	0.38		1	0.025	0.30	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-43-9	Cadmium	0.30	U	1	0.024	0.30	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-70-2	Calcium	4950		1	11.0	99.3	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-47-3	Chromium	14.2		1	0.047	0.50	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-48-4	Cobalt	8.48		1	0.099	1.49	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-50-8	Copper	34.6	N*	1	0.22	0.99	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7439-89-6	Iron	14600		1	3.96	4.97	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7439-92-1	Lead	3.67	*	1	0.13	0.60	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7439-95-4	Magnesium	2920		1	11.9	99.3	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7439-96-5	Manganese	257		1	0.14	0.99	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7439-97-6	Mercury	0.013	JN	1	0.0080	0.014	mg/Kg	05/02/25 16:00	05/05/25 09:00	SW7471B	
7440-02-0	Nickel	14.0	*	1	0.13	1.99	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-09-7	Potassium	371	*	1	27.5	99.3	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7782-49-2	Selenium	0.99	U	1	0.26	0.99	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-22-4	Silver	0.27	J	1	0.12	0.50	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-23-5	Sodium	127		1	17.7	99.3	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-28-0	Thallium	1.99	U	1	0.23	1.99	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-62-2	Vanadium	26.0		1	0.25	1.99	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	SW3050
7440-66-6	Zinc	40.6		1	0.23	1.99	mg/Kg	05/02/25 13:05	05/06/25 16:51	SW6010	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