

Report of Analysis

Client: PSEG
Project: Gloucester Substation
Client Sample ID: TP-COMP
Lab Sample ID: Q3546-01
Level (low/med): low

Date Collected: 11/05/25
Date Received: 11/05/25
SDG No.: Q3546
Matrix: SOIL
% Solid: 90.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4940		1	0.84	4.98	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-36-0	Antimony	2.49	UN	1	0.22	2.49	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-38-2	Arsenic	11.1		1	0.19	1.00	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-39-3	Barium	26.1		1	0.73	4.98	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-41-7	Beryllium	0.58		1	0.025	0.30	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-43-9	Cadmium	0.30	U	1	0.024	0.30	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-70-2	Calcium	2220	*	1	11.0	99.5	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-47-3	Chromium	9.59		1	0.047	0.50	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-48-4	Cobalt	3.03		1	0.10	1.49	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-50-8	Copper	8.58		1	0.22	1.00	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7439-89-6	Iron	11600		1	3.97	4.98	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7439-92-1	Lead	17.5		1	0.13	0.60	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7439-95-4	Magnesium	1140		1	11.9	99.5	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7439-96-5	Manganese	67.0		1	0.14	1.00	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7439-97-6	Mercury	0.024		1	0.0080	0.015	mg/Kg	11/06/25 09:40	11/07/25 09:24	7471B	
7440-02-0	Nickel	6.07		1	0.13	1.99	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-09-7	Potassium	793	N	1	27.6	99.5	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7782-49-2	Selenium	1.00	UN	1	0.26	1.00	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-22-4	Silver	0.34	J	1	0.12	0.50	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-23-5	Sodium	99.5	U	1	17.7	99.5	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-28-0	Thallium	1.99	U	1	0.23	1.99	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-62-2	Vanadium	19.8		1	0.25	1.99	mg/Kg	11/06/25 10:50	11/06/25 17:27	6010D	SW3050
7440-66-6	Zinc	36.8	N	1	0.23	1.99	mg/Kg	11/06/25 10:50	11/06/25 17:27	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