

Report of Analysis

Client:	PSEG	Date Collected:	10/29/25
Project:	PSEG Trenton M&R	Date Received:	10/29/25
Client Sample ID:	TP5	SDG No.:	Q3486
Lab Sample ID:	Q3486-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2160		1	0.84	4.97	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-36-0	Antimony	0.22	UN*	1	0.22	2.49	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-38-2	Arsenic	2.33		1	0.19	1.00	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-39-3	Barium	9.83	N	1	0.73	4.97	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-41-7	Beryllium	0.28	J	1	0.025	0.30	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-43-9	Cadmium	0.17	J	1	0.024	0.30	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-70-2	Calcium	225	*	1	11.0	99.5	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-47-3	Chromium	9.68	*	1	0.047	0.50	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-48-4	Cobalt	1.01	J	1	0.099	1.49	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-50-8	Copper	7.72	N	1	0.22	1.00	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7439-89-6	Iron	8640		1	3.97	4.97	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7439-92-1	Lead	6.09		1	0.13	0.60	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7439-95-4	Magnesium	329	*	1	11.9	99.5	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7439-96-5	Manganese	32.1		1	0.14	1.00	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7439-97-6	Mercury	0.0080	U	1	0.0080	0.014	mg/Kg	10/30/25 09:40	10/30/25 15:38	7471B	
7440-02-0	Nickel	1.70	J*	1	0.13	1.99	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-09-7	Potassium	489		1	27.5	99.5	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7782-49-2	Selenium	0.26	U	1	0.26	1.00	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-22-4	Silver	0.74		1	0.12	0.50	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-23-5	Sodium	17.7	U	1	17.7	99.5	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.99	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-62-2	Vanadium	8.44		1	0.25	1.99	mg/Kg	10/30/25 10:50	10/31/25 18:20	6010D	SW3050
7440-66-6	Zinc	9.96	N*	1	0.23	1.99	mg/Kg	10/30/25 10:50	10/31/25 18:20	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