

Report of Analysis

Client:	PSEG	Date Collected:	10/29/25
Project:	PSEG Trenton M&R	Date Received:	10/29/25
Client Sample ID:	TP3	SDG No.:	Q3486
Lab Sample ID:	Q3486-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	94.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	798		1	0.74	4.40	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-36-0	Antimony	0.19	UN*	1	0.19	2.20	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-38-2	Arsenic	0.81	J	1	0.17	0.88	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-39-3	Barium	6.18	N	1	0.64	4.40	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-41-7	Beryllium	0.12	J	1	0.022	0.26	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-43-9	Cadmium	0.094	J	1	0.021	0.26	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-70-2	Calcium	311	*	1	9.77	88.0	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-47-3	Chromium	8.14	*	1	0.041	0.44	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-48-4	Cobalt	0.51	J	1	0.088	1.32	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-50-8	Copper	9.17	N	1	0.19	0.88	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7439-89-6	Iron	5110		1	3.51	4.40	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7439-92-1	Lead	3.22		1	0.11	0.53	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7439-95-4	Magnesium	165	*	1	10.6	88.0	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7439-96-5	Manganese	9.05		1	0.12	0.88	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7439-97-6	Mercury	0.010	J	1	0.0070	0.013	mg/Kg	10/30/25 09:40	10/30/25 15:25	7471B	
7440-02-0	Nickel	0.89	J*	1	0.11	1.76	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-09-7	Potassium	87.1	J	1	24.4	88.0	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7782-49-2	Selenium	0.23	U	1	0.23	0.88	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-22-4	Silver	0.68		1	0.11	0.44	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-23-5	Sodium	15.7	U	1	15.7	88.0	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-28-0	Thallium	0.20	U	1	0.20	1.76	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-62-2	Vanadium	7.23		1	0.22	1.76	mg/Kg	10/30/25 10:50	10/31/25 18:12	6010D	SW3050
7440-66-6	Zinc	3.22	N*	1	0.20	1.76	mg/Kg	10/30/25 10:50	10/31/25 18:12	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