

Report of Analysis

Client:	PSEG	Date Collected:	10/29/25
Project:	PSEG Trenton M&R	Date Received:	10/29/25
Client Sample ID:	TP4	SDG No.:	Q3486
Lab Sample ID:	Q3486-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7320		1	0.86	5.09	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-36-0	Antimony	0.22	UN*	1	0.22	2.55	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-38-2	Arsenic	3.68		1	0.19	1.02	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-39-3	Barium	51.6	N	1	0.74	5.09	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-41-7	Beryllium	0.61		1	0.025	0.31	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-43-9	Cadmium	0.59		1	0.024	0.31	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-70-2	Calcium	309	*	1	11.3	102	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-47-3	Chromium	6.73	*	1	0.048	0.51	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-48-4	Cobalt	4.65		1	0.10	1.53	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-50-8	Copper	16.7	N	1	0.22	1.02	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7439-89-6	Iron	12800		1	4.06	5.09	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7439-92-1	Lead	20.5		1	0.13	0.61	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7439-95-4	Magnesium	1440	*	1	12.2	102	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7439-96-5	Manganese	112		1	0.14	1.02	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7439-97-6	Mercury	0.036		1	0.0090	0.016	mg/Kg	10/30/25 09:40	10/30/25 15:36	7471B	
7440-02-0	Nickel	9.78	*	1	0.13	2.04	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-09-7	Potassium	416		1	28.2	102	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7782-49-2	Selenium	0.33	J	1	0.27	1.02	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-22-4	Silver	1.12		1	0.12	0.51	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-23-5	Sodium	18.1	U	1	18.1	102	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	2.04	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-62-2	Vanadium	13.2		1	0.26	2.04	mg/Kg	10/30/25 10:50	10/31/25 18:16	6010D	SW3050
7440-66-6	Zinc	103	N*	1	0.23	2.04	mg/Kg	10/30/25 10:50	10/31/25 18:16	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