

Report of Analysis

Client:	PSEG	Date Collected:	09/29/25
Project:	Pennsauken M&R	Date Received:	09/29/25
Client Sample ID:	12-1	SDG No.:	Q3245
Lab Sample ID:	Q3245-17	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3340		1	0.79	4.68	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-36-0	Antimony	2.34	UN	1	0.21	2.34	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-38-2	Arsenic	7.80		1	0.18	0.94	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-39-3	Barium	21.8	N	1	0.68	4.68	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-41-7	Beryllium	0.51	N	1	0.023	0.28	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-43-9	Cadmium	0.029	J*	1	0.022	0.28	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-70-2	Calcium	452		1	10.4	93.7	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-47-3	Chromium	8.15	N	1	0.044	0.47	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-48-4	Cobalt	3.04	N	1	0.094	1.41	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-50-8	Copper	10.9	N*	1	0.21	0.94	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7439-89-6	Iron	13500		1	3.74	4.68	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7439-92-1	Lead	50.3		1	0.12	0.56	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7439-95-4	Magnesium	448		1	11.2	93.7	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7439-96-5	Manganese	140		1	0.13	0.94	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7439-97-6	Mercury	0.028		1	0.0080	0.014	mg/Kg	09/29/25 16:00	09/30/25 11:03	7471B	
7440-02-0	Nickel	4.52		1	0.12	1.87	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-09-7	Potassium	556	N*	1	26.0	93.7	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7782-49-2	Selenium	0.94	U	1	0.24	0.94	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-22-4	Silver	0.28	J	1	0.11	0.47	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-23-5	Sodium	93.7	UN	1	16.7	93.7	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-28-0	Thallium	1.87	U	1	0.22	1.87	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-62-2	Vanadium	18.5	N	1	0.23	1.87	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050
7440-66-6	Zinc	59.0	N	1	0.22	1.87	mg/Kg	09/30/25 10:40	10/01/25 14:20	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	Soil Safe-Logan Twp			

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