

Report of Analysis

Client:	PSEG	Date Collected:	09/29/25
Project:	Pennsauken M&R	Date Received:	09/29/25
Client Sample ID:	12-8	SDG No.:	Q3245
Lab Sample ID:	Q3245-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1730		1	0.78	4.64	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-36-0	Antimony	2.32	UN	1	0.20	2.32	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-38-2	Arsenic	3.61		1	0.18	0.93	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-39-3	Barium	9.86	N	1	0.68	4.64	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-41-7	Beryllium	0.28	N	1	0.023	0.28	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-43-9	Cadmium	0.28	U*	1	0.022	0.28	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-70-2	Calcium	157		1	10.3	92.7	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-47-3	Chromium	4.96	N	1	0.044	0.46	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-48-4	Cobalt	1.87	N	1	0.093	1.39	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-50-8	Copper	4.12	N*	1	0.20	0.93	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7439-89-6	Iron	7630		1	3.70	4.64	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7439-92-1	Lead	8.00		1	0.12	0.56	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7439-95-4	Magnesium	226		1	11.1	92.7	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7439-96-5	Manganese	88.3		1	0.13	0.93	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7439-97-6	Mercury	0.013	J	1	0.0080	0.014	mg/Kg	09/29/25 16:00	09/30/25 11:01	7471B	
7440-02-0	Nickel	1.90		1	0.12	1.85	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-09-7	Potassium	361	N*	1	25.7	92.7	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7782-49-2	Selenium	0.93	U	1	0.24	0.93	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-22-4	Silver	0.17	J	1	0.11	0.46	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-23-5	Sodium	92.7	UN	1	16.5	92.7	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-28-0	Thallium	1.85	U	1	0.21	1.85	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-62-2	Vanadium	12.3	N	1	0.23	1.85	mg/Kg	09/30/25 10:40	10/01/25 14:16	6010D	SW3050
7440-66-6	Zinc	17.8	N	1	0.21	1.85	mg/Kg	09/30/25 10:40	10/01/25 14:16	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