

Report of Analysis

Client:	PSEG	Date Collected:	03/04/25
Project:	Big Timber Creek Project	Date Received:	03/04/25
Client Sample ID:	TP-1	SDG No.:	Q1489
Lab Sample ID:	Q1489-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3740		1	2.82	5.84	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-36-0	Antimony	2.92	U	1	0.18	2.92	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-38-2	Arsenic	5.41		1	0.34	1.17	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-39-3	Barium	32.1		1	0.75	5.84	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-41-7	Beryllium	0.36		1	0.014	0.35	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-43-9	Cadmium	0.35	U	1	0.019	0.35	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-70-2	Calcium	1570		1	3.27	117	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-47-3	Chromium	9.72		1	0.063	0.58	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-48-4	Cobalt	2.12		1	0.068	1.75	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-50-8	Copper	10.1		1	0.55	1.17	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7439-89-6	Iron	11700		1	3.14	5.84	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7439-92-1	Lead	25.8		1	0.18	0.70	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7439-95-4	Magnesium	631		1	4.01	117	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7439-96-5	Manganese	100		1	0.083	1.17	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7439-97-6	Mercury	0.089		1	0.0070	0.017	mg/Kg	03/05/25 11:29	03/05/25 15:12	SW7471B	
7440-02-0	Nickel	3.92		1	0.11	2.34	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-09-7	Potassium	444		1	33.5	117	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7782-49-2	Selenium	0.39	J	1	0.39	1.17	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-22-4	Silver	1.34		1	0.061	0.58	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-23-5	Sodium	65.4	J	1	42.2	117	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-28-0	Thallium	2.34	U	1	0.51	2.34	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-62-2	Vanadium	17.2		1	0.32	2.34	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050
7440-66-6	Zinc	24.6		1	0.13	2.34	mg/Kg	03/05/25 10:05	03/06/25 12:45	SW6010	SW3050

Color Before:	Gray	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
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