

Report of Analysis

Client:	PSEG	Date Collected:	03/04/25
Project:	Big Timber Creek Project	Date Received:	03/04/25
Client Sample ID:	TP-3	SDG No.:	Q1489
Lab Sample ID:	Q1489-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	76

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8050		1	2.62	5.44	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-36-0	Antimony	2.72	U	1	0.16	2.72	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-38-2	Arsenic	4.31		1	0.32	1.09	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-39-3	Barium	37.0		1	0.70	5.44	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-41-7	Beryllium	0.59		1	0.013	0.33	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-43-9	Cadmium	0.33	U	1	0.017	0.33	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-70-2	Calcium	1070		1	3.04	109	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-47-3	Chromium	12.9		1	0.059	0.54	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-48-4	Cobalt	5.36		1	0.063	1.63	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-50-8	Copper	10.5		1	0.51	1.09	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7439-89-6	Iron	11000		1	2.93	5.44	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7439-92-1	Lead	32.2		1	0.16	0.65	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7439-95-4	Magnesium	758		1	3.73	109	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7439-96-5	Manganese	98.6		1	0.077	1.09	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7439-97-6	Mercury	0.23		1	0.0080	0.017	mg/Kg	03/05/25 11:29	03/05/25 15:17	SW7471B	
7440-02-0	Nickel	6.41		1	0.098	2.17	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-09-7	Potassium	360		1	31.2	109	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7782-49-2	Selenium	1.09	U	1	0.36	1.09	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-22-4	Silver	1.27		1	0.057	0.54	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-23-5	Sodium	63.8	J	1	39.3	109	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-28-0	Thallium	2.17	U	1	0.48	2.17	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-62-2	Vanadium	18.6		1	0.29	2.17	mg/Kg	03/05/25 10:05	03/06/25 12:53	SW6010	SW3050
7440-66-6	Zinc	41.2		1	0.12	2.17	mg/Kg	03/05/25 10:05	03/06/25 12:53	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