

Report of Analysis

Client:	PSEG	Date Collected:	03/04/25
Project:	Big Timber Creek Project	Date Received:	03/04/25
Client Sample ID:	TP-4	SDG No.:	Q1489
Lab Sample ID:	Q1489-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3290		1	2.41	5.00	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-36-0	Antimony	2.50	U	1	0.15	2.50	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-38-2	Arsenic	4.73		1	0.29	1.00	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-39-3	Barium	28.0		1	0.64	5.00	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-41-7	Beryllium	0.36		1	0.012	0.30	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-43-9	Cadmium	0.30	U	1	0.016	0.30	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-70-2	Calcium	623		1	2.80	99.9	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-47-3	Chromium	13.6		1	0.054	0.50	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-48-4	Cobalt	3.00		1	0.058	1.50	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-50-8	Copper	7.60		1	0.47	1.00	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7439-89-6	Iron	8380		1	2.69	5.00	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7439-92-1	Lead	40.7		1	0.15	0.60	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7439-95-4	Magnesium	737		1	3.43	99.9	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7439-96-5	Manganese	101		1	0.071	1.00	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7439-97-6	Mercury	0.020		1	0.0070	0.015	mg/Kg	03/05/25 11:29	03/05/25 15:20	SW7471B	
7440-02-0	Nickel	4.36		1	0.090	2.00	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-09-7	Potassium	399		1	28.7	99.9	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7782-49-2	Selenium	0.47	J	1	0.33	1.00	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-22-4	Silver	1.00		1	0.052	0.50	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-23-5	Sodium	53.8	J	1	36.1	99.9	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-28-0	Thallium	2.00	U	1	0.44	2.00	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-62-2	Vanadium	12.3		1	0.27	2.00	mg/Kg	03/05/25 10:05	03/06/25 12:57	SW6010	SW3050
7440-66-6	Zinc	45.1		1	0.11	2.00	mg/Kg	03/05/25 10:05	03/06/25 12:57	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