

Report of Analysis

Client:	PSEG	Date Collected:	03/04/25
Project:	Big Timber Creek Project	Date Received:	03/04/25
Client Sample ID:	TP-2	SDG No.:	Q1489
Lab Sample ID:	Q1489-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	66.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8770		1	3.06	6.35	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-36-0	Antimony	5.64		1	0.19	3.18	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-38-2	Arsenic	17.8		1	0.37	1.27	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-39-3	Barium	239		1	0.81	6.35	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-41-7	Beryllium	1.27		1	0.015	0.38	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-43-9	Cadmium	1.15		1	0.020	0.38	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-70-2	Calcium	5130		1	3.56	127	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-47-3	Chromium	38.0		1	0.069	0.64	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-48-4	Cobalt	10.3		1	0.074	1.91	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-50-8	Copper	649		1	0.60	1.27	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7439-89-6	Iron	45500		1	3.42	6.35	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7439-92-1	Lead	610		1	0.19	0.76	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7439-95-4	Magnesium	1520		1	4.36	127	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7439-96-5	Manganese	261		1	0.090	1.27	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7439-97-6	Mercury	1.65	D	5	0.046	0.10	mg/Kg	03/05/25 11:29	03/05/25 15:26	SW7471B	
7440-02-0	Nickel	24.0		1	0.11	2.54	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-09-7	Potassium	572		1	36.5	127	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7782-49-2	Selenium	0.67	J	1	0.42	1.27	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-22-4	Silver	7.32		1	0.066	0.64	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-23-5	Sodium	76.8	J	1	45.9	127	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-28-0	Thallium	3.59		1	0.56	2.54	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-62-2	Vanadium	22.7		1	0.34	2.54	mg/Kg	03/05/25 10:05	03/06/25 12:49	SW6010	SW3050
7440-66-6	Zinc	1020		1	0.14	2.54	mg/Kg	03/05/25 10:05	03/06/25 12:49	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