

Report of Analysis

Client:	PSEG	Date Collected:	08/21/25
Project:	Burlington Gas District	Date Received:	08/21/25
Client Sample ID:	ARS20-0002-SOIL	SDG No.:	Q2932
Lab Sample ID:	Q2932-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8330		1	0.80	4.76	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-36-0	Antimony	2.38	UN	1	0.21	2.38	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-38-2	Arsenic	12.5		1	0.18	0.95	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-39-3	Barium	33.2		1	0.70	4.76	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-41-7	Beryllium	0.82		1	0.024	0.29	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-43-9	Cadmium	1.19		1	0.023	0.29	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-70-2	Calcium	1480		1	10.6	95.2	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-47-3	Chromium	19.2	N	1	0.045	0.48	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-48-4	Cobalt	3.47		1	0.095	1.43	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-50-8	Copper	16.6		1	0.21	0.95	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7439-89-6	Iron	18800		1	3.80	4.76	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7439-92-1	Lead	101		1	0.12	0.57	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7439-95-4	Magnesium	1600		1	11.4	95.2	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7439-96-5	Manganese	85.0		1	0.13	0.95	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7439-97-6	Mercury	0.036		1	0.0080	0.014	mg/Kg	08/21/25 16:35	08/22/25 13:39	7471B	
7440-02-0	Nickel	7.82		1	0.12	1.90	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-09-7	Potassium	1600		1	26.4	95.2	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7782-49-2	Selenium	0.70	J	1	0.25	0.95	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-22-4	Silver	0.72		1	0.11	0.48	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-23-5	Sodium	84.6	J	1	16.9	95.2	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-28-0	Thallium	1.90	UN	1	0.22	1.90	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-62-2	Vanadium	27.1		1	0.24	1.90	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050
7440-66-6	Zinc	68.6		1	0.22	1.90	mg/Kg	08/22/25 10:35	08/25/25 14:21	6010D	SW3050

Color Before:	Brown	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