

Report of Analysis

Client:	PSEG	Date Collected:	06/02/25
Project:	BU-703 Willingboro	Date Received:	06/04/25
Client Sample ID:	BU-703-COMP-02	SDG No.:	Q2207
Lab Sample ID:	Q2207-10	Matrix:	SOIL
Level (low/med):	low	% Solid:	79.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6480		1	0.97	5.76	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-36-0	Antimony	2.88	U	1	0.25	2.88	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-38-2	Arsenic	11.9		1	0.22	1.15	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-39-3	Barium	18.4		1	0.84	5.76	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-41-7	Beryllium	1.01		1	0.029	0.35	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-43-9	Cadmium	1.37		1	0.028	0.35	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-70-2	Calcium	831		1	12.8	115	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-47-3	Chromium	29.3		1	0.054	0.58	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-48-4	Cobalt	23.6		1	0.12	1.73	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-50-8	Copper	3.51		1	0.25	1.15	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7439-89-6	Iron	30800		1	4.59	5.76	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7439-92-1	Lead	7.85		1	0.15	0.69	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7439-95-4	Magnesium	901		1	13.8	115	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7439-96-5	Manganese	378		1	0.16	1.15	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7439-97-6	Mercury	0.035		1	0.0080	0.015	mg/Kg	06/05/25 08:35	06/05/25 17:42	7471B	
7440-02-0	Nickel	12.9		1	0.15	2.30	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-09-7	Potassium	1090		1	31.9	115	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7782-49-2	Selenium	1.15	U	1	0.30	1.15	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-22-4	Silver	0.22	J	1	0.14	0.58	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-23-5	Sodium	29.1	J	1	20.5	115	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-28-0	Thallium	2.30	U	1	0.27	2.30	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-62-2	Vanadium	67.2		1	0.29	2.30	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050
7440-66-6	Zinc	46.0		1	0.27	2.30	mg/Kg	06/05/25 10:55	06/06/25 16:55	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS TAL+CN			

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