

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-06	SDG No.:	Q2208
Lab Sample ID:	Q2208-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4300		1	0.93	5.52	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-36-0	Antimony	2.76	UN	1	0.24	2.76	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-38-2	Arsenic	4.73		1	0.21	1.10	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-39-3	Barium	9.59		1	0.81	5.52	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-41-7	Beryllium	0.42	N	1	0.028	0.33	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-43-9	Cadmium	0.33	U*	1	0.027	0.33	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-70-2	Calcium	360		1	12.3	110	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-47-3	Chromium	8.33		1	0.052	0.55	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-48-4	Cobalt	2.32		1	0.11	1.66	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-50-8	Copper	1.63	N*	1	0.24	1.10	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7439-89-6	Iron	19100		1	4.41	5.52	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7439-92-1	Lead	3.31		1	0.14	0.66	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7439-95-4	Magnesium	273		1	13.3	110	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7439-96-5	Manganese	42.2		1	0.16	1.10	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7439-97-6	Mercury	0.025		1	0.0080	0.015	mg/Kg	06/05/25 08:35	06/05/25 17:56	7471B	
7440-02-0	Nickel	2.90		1	0.14	2.21	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-09-7	Potassium	429		1	30.6	110	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7782-49-2	Selenium	1.10	UN	1	0.29	1.10	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-22-4	Silver	0.70		1	0.13	0.55	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-23-5	Sodium	23.2	JN	1	19.7	110	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-28-0	Thallium	2.21	U	1	0.25	2.21	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-62-2	Vanadium	23.7	N	1	0.28	2.21	mg/Kg	06/05/25 10:55	06/06/25 17:15	6010D	SW3050
7440-66-6	Zinc	11.2		1	0.25	2.21	mg/Kg	06/05/25 10:55	06/06/25 17:15	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