

Report of Analysis

Client:	PSEG	Date Collected:	02/04/25
Project:	Bayonne Switching Station	Date Received:	02/04/25
Client Sample ID:	BAY-DRUMS-B	SDG No.:	Q1287
Lab Sample ID:	Q1287-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4250		1	2.38	4.93	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-36-0	Antimony	2.47	U	1	0.15	2.47	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-38-2	Arsenic	2.99		1	0.29	0.99	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-39-3	Barium	73.2		1	0.63	4.93	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-41-7	Beryllium	0.52		1	0.012	0.30	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-43-9	Cadmium	0.61		1	0.016	0.30	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-70-2	Calcium	13100		1	2.76	98.7	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-47-3	Chromium	13.3		1	0.053	0.49	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-48-4	Cobalt	6.96		1	0.057	1.48	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-50-8	Copper	23.6		1	0.46	0.99	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7439-89-6	Iron	12300		1	2.65	4.93	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7439-92-1	Lead	7.15		1	0.15	0.59	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7439-95-4	Magnesium	3770		1	3.39	98.7	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7439-96-5	Manganese	317		1	0.070	0.99	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7439-97-6	Mercury	0.016	U	1	0.0070	0.016	mg/Kg	02/05/25 18:18	02/06/25 14:31	SW7471B	
7440-02-0	Nickel	15.6		1	0.089	1.97	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-09-7	Potassium	1220		1	28.3	98.7	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7782-49-2	Selenium	0.99	U	1	0.33	0.99	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-22-4	Silver	0.35	J	1	0.051	0.49	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-23-5	Sodium	147		1	35.6	98.7	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-28-0	Thallium	1.97	U	1	0.43	1.97	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-62-2	Vanadium	15.1		1	0.27	1.97	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050
7440-66-6	Zinc	26.6		1	0.11	1.97	mg/Kg	02/05/25 09:20	02/11/25 14:19	SW6010	SW3050

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

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