

Report of Analysis

Client:	PSEG	Date Collected:	02/04/25
Project:	Bayonne Switching Station	Date Received:	02/04/25
Client Sample ID:	BAY-DRUMS-E	SDG No.:	Q1287
Lab Sample ID:	Q1287-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	10000		1	2.47	5.13	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-36-0	Antimony	0.26	J	1	0.15	2.57	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-38-2	Arsenic	1.85		1	0.30	1.03	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-39-3	Barium	22.9		1	0.66	5.13	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-41-7	Beryllium	0.29	J	1	0.012	0.31	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-43-9	Cadmium	0.46		1	0.016	0.31	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-70-2	Calcium	6950		1	2.87	103	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-47-3	Chromium	9.40		1	0.055	0.51	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-48-4	Cobalt	9.52		1	0.060	1.54	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-50-8	Copper	72.6		1	0.48	1.03	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7439-89-6	Iron	15100		1	2.76	5.13	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7439-92-1	Lead	9.29		1	0.15	0.62	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7439-95-4	Magnesium	3650		1	3.52	103	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7439-96-5	Manganese	130		1	0.073	1.03	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7439-97-6	Mercury	0.073		1	0.0070	0.016	mg/Kg	02/05/25 18:18	02/06/25 14:37	SW7471B	
7440-02-0	Nickel	15.5		1	0.092	2.05	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-09-7	Potassium	1280		1	29.5	103	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7782-49-2	Selenium	1.03	U	1	0.34	1.03	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-22-4	Silver	0.49	J	1	0.053	0.51	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-23-5	Sodium	1420		1	37.0	103	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-28-0	Thallium	2.05	U	1	0.45	2.05	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-62-2	Vanadium	56.2		1	0.28	2.05	mg/Kg	02/05/25 09:20	02/11/25 14:31	SW6010	SW3050
7440-66-6	Zinc	31.0		1	0.11	2.05	mg/Kg	02/05/25 09:20	02/11/25 14:31	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