

Report of Analysis

Client:	PSEG	Date Collected:	02/04/25
Project:	Bayonne Switching Station	Date Received:	02/04/25
Client Sample ID:	BAY-DRUMS-D	SDG No.:	Q1287
Lab Sample ID:	Q1287-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	87

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9370		1	2.33	4.83	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-36-0	Antimony	2.41	U	1	0.14	2.41	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-38-2	Arsenic	1.48		1	0.28	0.97	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-39-3	Barium	34.3		1	0.62	4.83	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-41-7	Beryllium	0.27	J	1	0.012	0.29	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-43-9	Cadmium	0.42		1	0.015	0.29	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-70-2	Calcium	6280		1	2.70	96.6	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-47-3	Chromium	27.4		1	0.052	0.48	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-48-4	Cobalt	11.7		1	0.056	1.45	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-50-8	Copper	75.9		1	0.45	0.97	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7439-89-6	Iron	16000		1	2.60	4.83	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7439-92-1	Lead	5.29		1	0.14	0.58	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7439-95-4	Magnesium	6610		1	3.31	96.6	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7439-96-5	Manganese	174		1	0.069	0.97	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7439-97-6	Mercury	0.011	J	1	0.0060	0.015	mg/Kg	02/05/25 18:18	02/06/25 14:35	SW7471B	
7440-02-0	Nickel	18.6		1	0.087	1.93	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-09-7	Potassium	1740		1	27.7	96.6	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7782-49-2	Selenium	0.97	U	1	0.32	0.97	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-22-4	Silver	0.49		1	0.050	0.48	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-23-5	Sodium	764		1	34.9	96.6	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-28-0	Thallium	1.93	U	1	0.43	1.93	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-62-2	Vanadium	39.6		1	0.26	1.93	mg/Kg	02/05/25 09:20	02/11/25 14:27	SW6010	SW3050
7440-66-6	Zinc	46.6		1	0.11	1.93	mg/Kg	02/05/25 09:20	02/11/25 14:27	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