

Report of Analysis

Client:	PSEG	Date Collected:	02/04/25
Project:	Bayonne Switching Station	Date Received:	02/04/25
Client Sample ID:	BAY-DRUMS-C	SDG No.:	Q1287
Lab Sample ID:	Q1287-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4470		1	2.44	5.06	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-36-0	Antimony	2.53	U	1	0.15	2.53	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-38-2	Arsenic	2.57		1	0.29	1.01	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-39-3	Barium	38.4		1	0.65	5.06	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-41-7	Beryllium	0.38		1	0.012	0.30	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-43-9	Cadmium	0.38		1	0.016	0.30	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-70-2	Calcium	7160		1	2.83	101	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-47-3	Chromium	12.8		1	0.055	0.51	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-48-4	Cobalt	5.72		1	0.059	1.52	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-50-8	Copper	18.3		1	0.48	1.01	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7439-89-6	Iron	10800		1	2.72	5.06	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7439-92-1	Lead	6.67		1	0.15	0.61	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7439-95-4	Magnesium	2570		1	3.47	101	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7439-96-5	Manganese	174		1	0.072	1.01	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7439-97-6	Mercury	0.034		1	0.0060	0.014	mg/Kg	02/05/25 18:18	02/06/25 14:33	SW7471B	
7440-02-0	Nickel	12.6		1	0.091	2.02	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-09-7	Potassium	883		1	29.0	101	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7782-49-2	Selenium	1.01	U	1	0.33	1.01	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-22-4	Silver	0.32	J	1	0.053	0.51	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-23-5	Sodium	138		1	36.5	101	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-28-0	Thallium	2.02	U	1	0.45	2.02	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-62-2	Vanadium	12.9		1	0.27	2.02	mg/Kg	02/05/25 09:20	02/11/25 14:23	SW6010	SW3050
7440-66-6	Zinc	22.3		1	0.11	2.02	mg/Kg	02/05/25 09:20	02/11/25 14:23	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