

Report of Analysis

Client:	PSEG	Date Collected:	12/20/24
Project:	Audubon Gas and Appliance Service MA00006789	Date Received:	12/20/24
Client Sample ID:	AU-06-122024	SDG No.:	P5318
Lab Sample ID:	P5318-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3360		1	2.25	4.66	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-36-0	Antimony	2.33	UN	1	0.14	2.33	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-38-2	Arsenic	4.00		1	0.27	0.93	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-39-3	Barium	22.4	N	1	0.60	4.66	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-41-7	Beryllium	0.31		1	0.011	0.28	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-43-9	Cadmium	0.28	U	1	0.015	0.28	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-70-2	Calcium	6970		1	2.61	93.2	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-47-3	Chromium	10.5		1	0.050	0.47	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-48-4	Cobalt	2.11		1	0.054	1.40	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-50-8	Copper	9.15		1	0.44	0.93	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7439-89-6	Iron	9380		1	2.51	4.66	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7439-92-1	Lead	32.4		1	0.14	0.56	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7439-95-4	Magnesium	1980		1	3.20	93.2	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7439-96-5	Manganese	46.4		1	0.066	0.93	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7439-97-6	Mercury	0.036		1	0.0060	0.014	mg/Kg	12/26/24 12:44	12/26/24 13:31	SW7471B	
7440-02-0	Nickel	4.23		1	0.084	1.86	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-09-7	Potassium	502		1	26.7	93.2	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7782-49-2	Selenium	0.93	UN	1	0.31	0.93	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-22-4	Silver	0.47	UN	1	0.048	0.47	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-23-5	Sodium	159	N	1	33.6	93.2	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-28-0	Thallium	1.86	U	1	0.41	1.86	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-62-2	Vanadium	15.2	N	1	0.25	1.86	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050
7440-66-6	Zinc	26.6		1	0.10	1.86	mg/Kg	12/26/24 14:45	12/30/24 16:03	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Salem Landfill			

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