

Report of Analysis

Client:	PSEG	Date Collected:	10/23/24
Project:	Audubon Gas and Appliance Service MA00006789	Date Received:	10/23/24
Client Sample ID:	AU-06-10232024	SDG No.:	P4509
Lab Sample ID:	P4509-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	91

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4230		1	2.41	5.00	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-36-0	Antimony	0.49	JN	1	0.15	2.50	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-38-2	Arsenic	5.87	N	1	0.29	1.00	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-39-3	Barium	22.6		1	0.64	5.00	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-41-7	Beryllium	0.43		1	0.012	0.30	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-43-9	Cadmium	0.56		1	0.016	0.30	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-70-2	Calcium	3920		1	2.80	99.9	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-47-3	Chromium	11.9		1	0.054	0.50	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-48-4	Cobalt	2.46		1	0.058	1.50	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-50-8	Copper	12.3	N	1	0.47	1.00	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7439-89-6	Iron	12400		1	2.69	5.00	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7439-92-1	Lead	48.0		1	0.15	0.60	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7439-95-4	Magnesium	1140		1	3.43	99.9	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7439-96-5	Manganese	70.8		1	0.071	1.00	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7439-97-6	Mercury	0.068		1	0.0060	0.014	mg/Kg	10/24/24 08:15	10/24/24 09:50	SW7471B	
7440-02-0	Nickel	5.14		1	0.090	2.00	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-09-7	Potassium	828		1	28.7	99.9	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7782-49-2	Selenium	0.33	U	1	0.33	1.00	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-22-4	Silver	0.12	J	1	0.052	0.50	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-23-5	Sodium	154	N	1	36.1	99.9	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-28-0	Thallium	0.44	U	1	0.44	2.00	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-62-2	Vanadium	18.9		1	0.27	2.00	mg/Kg	10/24/24 12:00	10/24/24 20:11	SW6010	SW3050
7440-66-6	Zinc	44.2	*	1	0.11	2.00	mg/Kg	10/24/24 12:00	10/24/24 20:11	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