

Report of Analysis

Client:	PSEG	Date Collected:	07/11/25
Project:	Audubon Gas and Appliance Service MA00006789	Date Received:	07/11/25
Client Sample ID:	AU-06-071125	SDG No.:	Q2589
Lab Sample ID:	Q2589-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5210		1	0.85	5.04	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-36-0	Antimony	1.61	JN	1	0.22	2.52	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-38-2	Arsenic	14.1		1	0.19	1.01	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-39-3	Barium	24.7		1	0.74	5.04	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-41-7	Beryllium	0.79		1	0.025	0.30	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-43-9	Cadmium	0.30	U	1	0.024	0.30	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-70-2	Calcium	5500		1	11.2	101	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-47-3	Chromium	18.3		1	0.047	0.50	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-48-4	Cobalt	5.14		1	0.10	1.51	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-50-8	Copper	4.09	N	1	0.22	1.01	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7439-89-6	Iron	24100		1	4.02	5.04	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7439-92-1	Lead	16.2		1	0.13	0.61	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7439-95-4	Magnesium	2580		1	12.1	101	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7439-96-5	Manganese	87.6		1	0.14	1.01	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7439-97-6	Mercury	0.040	N	1	0.0080	0.014	mg/Kg	07/16/25 11:14	07/16/25 12:24	7471B	
7440-02-0	Nickel	7.92		1	0.13	2.02	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-09-7	Potassium	1130		1	27.9	101	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7782-49-2	Selenium	6.07		1	0.26	1.01	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-22-4	Silver	0.50	UN	1	0.12	0.50	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-23-5	Sodium	579		1	17.9	101	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-28-0	Thallium	2.02	U	1	0.23	2.02	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-62-2	Vanadium	59.2		1	0.25	2.02	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	SW3050
7440-66-6	Zinc	35.1	N	1	0.11	2.02	mg/Kg	07/14/25 16:10	07/17/25 17:51	6010D	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