

Report of Analysis

Client: PSEG
Project: Audubon Gas and Appliance Service (AU)
Client Sample ID: AU-05-12-1-2025
Lab Sample ID: Q3748-01
Level (low/med): low

Date Collected: 12/01/25
Date Received: 12/01/25
SDG No.: Q3748
Matrix: SOIL
% Solid: 91.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5300		1	0.78	4.63	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-36-0	Antimony	2.31	U	1	0.20	2.31	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-38-2	Arsenic	4.35		1	0.18	0.93	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-39-3	Barium	21.6		1	0.68	4.63	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-41-7	Beryllium	0.49		1	0.023	0.28	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-43-9	Cadmium	0.40		1	0.022	0.28	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-70-2	Calcium	2510		1	10.3	92.5	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-47-3	Chromium	8.65		1	0.043	0.46	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-48-4	Cobalt	3.58		1	0.093	1.39	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-50-8	Copper	12.6		1	0.20	0.93	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7439-89-6	Iron	11200		1	3.69	4.63	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7439-92-1	Lead	24.6		1	0.12	0.56	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7439-95-4	Magnesium	649		1	11.1	92.5	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7439-96-5	Manganese	66.3		1	0.13	0.93	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7439-97-6	Mercury	0.038		1	0.0070	0.013	mg/Kg	12/02/25 13:35	12/03/25 09:43	7471B	M7471B
7440-02-0	Nickel	5.50		1	0.12	1.85	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-09-7	Potassium	550		1	25.6	92.5	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7782-49-2	Selenium	0.93	U	1	0.24	0.93	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-22-4	Silver	0.75		1	0.11	0.46	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-23-5	Sodium	155		1	16.5	92.5	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-28-0	Thallium	1.85	U	1	0.21	1.85	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-62-2	Vanadium	20.4		1	0.23	1.85	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050
7440-66-6	Zinc	66.3		1	0.21	1.85	mg/Kg	12/02/25 09:30	12/02/25 13:55	6010D	SW3050

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