

Report of Analysis

Client: PSEG
Project: Oradell Gas
Client Sample ID: 100225-D
Lab Sample ID: Q3332-01
Level (low/med): low

Date Collected: 10/10/25
Date Received: 10/10/25
SDG No.: Q3332
Matrix: SOIL
% Solid: 89.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7980		1	0.36	1.99	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-36-0	Antimony	0.047	J	1	0.045	0.20	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-38-2	Arsenic	3.76		1	0.012	0.10	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-39-3	Barium	28.3		1	0.033	1.00	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-41-7	Beryllium	0.36		1	0.032	0.10	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-43-9	Cadmium	0.31		1	0.018	0.10	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-70-2	Calcium	3160		1	4.77	49.8	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-47-3	Chromium	13.0		1	0.026	0.20	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-48-4	Cobalt	8.06		1	0.0090	0.10	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-50-8	Copper	29.3		1	0.065	0.20	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7439-89-6	Iron	18700		1	0.92	4.98	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7439-92-1	Lead	16.0		1	0.032	0.10	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7439-95-4	Magnesium	4170		1	1.92	49.8	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7439-96-5	Manganese	399		1	0.034	0.10	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7439-97-6	Mercury	0.038		1	0.0080	0.013	mg/Kg	10/13/25 10:50	10/13/25 15:02	7471B	
7440-02-0	Nickel	16.5		1	0.043	0.10	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-09-7	Potassium	632		1	3.83	49.8	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7782-49-2	Selenium	0.50	UN	1	0.28	0.50	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-22-4	Silver	0.043	JN	1	0.026	0.10	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-23-5	Sodium	571		1	7.00	49.8	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-28-0	Thallium	0.056	J	1	0.014	0.10	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-62-2	Vanadium	20.5		1	0.011	0.50	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	SW3050
7440-66-6	Zinc	54.2		1	0.090	0.50	mg/Kg	10/13/25 13:20	10/14/25 15:30	6020B	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