

Report of Analysis

Client:	PSEG	Date Collected:	02/26/25
Project:	Oradell Gas and Appliance Service MA00006789	Date Received:	02/26/25
Client Sample ID:	OR-02-022625	SDG No.:	Q1440
Lab Sample ID:	Q1440-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6160		1	2.25	4.66	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-36-0	Antimony	0.14	U	1	0.14	2.33	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-38-2	Arsenic	2.42		1	0.27	0.93	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-39-3	Barium	37.0		1	0.60	4.66	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-41-7	Beryllium	0.45		1	0.011	0.28	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-43-9	Cadmium	0.015	U	1	0.015	0.28	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-70-2	Calcium	3190		1	2.61	93.2	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-47-3	Chromium	10.7		1	0.050	0.47	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-48-4	Cobalt	6.18		1	0.054	1.40	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-50-8	Copper	22.3		1	0.44	0.93	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7439-89-6	Iron	11200		1	2.51	4.66	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7439-92-1	Lead	15.3		1	0.14	0.56	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7439-95-4	Magnesium	2380		1	3.20	93.2	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7439-96-5	Manganese	253		1	0.066	0.93	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7439-97-6	Mercury	0.039		1	0.0060	0.014	mg/Kg	02/27/25 08:54	02/27/25 10:22	SW7471B	
7440-02-0	Nickel	11.6		1	0.084	1.86	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-09-7	Potassium	911		1	26.7	93.2	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7782-49-2	Selenium	0.31	U	1	0.31	0.93	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-22-4	Silver	0.33	J	1	0.048	0.47	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-23-5	Sodium	449		1	33.6	93.2	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-28-0	Thallium	0.41	U	1	0.41	1.86	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-62-2	Vanadium	18.8		1	0.25	1.86	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050
7440-66-6	Zinc	25.3		1	0.10	1.86	mg/Kg	02/27/25 10:05	03/03/25 22:37	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Bayshore			

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