

Report of Analysis

Client:	PSEG	Date Collected:	04/01/25
Project:	Orange Gas and Appliance Service MA00006789	Date Received:	04/01/25
Client Sample ID:	EO-03-040125	SDG No.:	Q1686
Lab Sample ID:	Q1686-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4940		1	2.23	4.62	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-36-0	Antimony	0.14	U	1	0.14	2.31	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-38-2	Arsenic	2.87		1	0.27	0.92	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-39-3	Barium	24.5		1	0.59	4.62	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-41-7	Beryllium	0.32		1	0.011	0.28	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-43-9	Cadmium	0.015	U	1	0.015	0.28	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-70-2	Calcium	1470		1	2.59	92.4	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-47-3	Chromium	8.65		1	0.050	0.46	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-48-4	Cobalt	5.75		1	0.054	1.39	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-50-8	Copper	13.6		1	0.43	0.92	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7439-89-6	Iron	12800	D	100	249	462	mg/Kg	04/02/25 08:28	04/02/25 17:00	SW6010	SW3050
7439-92-1	Lead	6.22		1	0.14	0.55	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7439-95-4	Magnesium	1960		1	3.17	92.4	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7439-96-5	Manganese	292	D	100	6.56	92.4	mg/Kg	04/02/25 08:28	04/02/25 17:00	SW6010	SW3050
7439-97-6	Mercury	0.013	J	1	0.0080	0.015	mg/Kg	04/02/25 08:55	04/02/25 11:55	SW7471B	
7440-02-0	Nickel	11.0		1	0.083	1.85	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-09-7	Potassium	369		1	26.5	92.4	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7782-49-2	Selenium	0.31	U	1	0.31	0.92	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-22-4	Silver	0.048	U	1	0.048	0.46	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-23-5	Sodium	538		1	33.4	92.4	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-28-0	Thallium	0.41	U	1	0.41	1.85	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-62-2	Vanadium	13.7		1	0.25	1.85	mg/Kg	04/02/25 08:28	04/02/25 16:56	SW6010	SW3050
7440-66-6	Zinc	17.5		1	0.10	1.85	mg/Kg	04/02/25 08:28	04/02/25 16:56	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