

Report of Analysis

Client:	PSEG	Date Collected:	01/30/25
Project:	Orange Gas and Appliance Service MA00006789	Date Received:	01/30/25
Client Sample ID:	EO-02-01302025	SDG No.:	Q1244
Lab Sample ID:	Q1244-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3640		1	2.30	4.78	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-36-0	Antimony	0.14	U	1	0.14	2.39	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-38-2	Arsenic	1.49		1	0.28	0.96	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-39-3	Barium	15.8		1	0.61	4.78	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-41-7	Beryllium	0.29		1	0.011	0.29	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-43-9	Cadmium	0.60		1	0.015	0.29	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-70-2	Calcium	2820		1	2.67	95.5	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-47-3	Chromium	6.98		1	0.052	0.48	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-48-4	Cobalt	5.29		1	0.055	1.43	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-50-8	Copper	17.3		1	0.45	0.96	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7439-89-6	Iron	10400		1	2.57	4.78	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7439-92-1	Lead	47.3		1	0.14	0.57	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7439-95-4	Magnesium	1480		1	3.28	95.5	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7439-96-5	Manganese	109		1	0.068	0.96	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7439-97-6	Mercury	0.019	*	1	0.0060	0.013	mg/Kg	02/03/25 17:07	02/03/25 18:48	SW7471B	
7440-02-0	Nickel	7.68		1	0.086	1.91	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-09-7	Potassium	548		1	27.4	95.5	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7782-49-2	Selenium	0.32	U	1	0.32	0.96	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-22-4	Silver	0.050	U	1	0.050	0.48	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-23-5	Sodium	1100		1	34.5	95.5	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-28-0	Thallium	0.42	U	1	0.42	1.91	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-62-2	Vanadium	12.6		1	0.26	1.91	mg/Kg	01/31/25 09:40	02/03/25 18:09	SW6010	SW3050
7440-66-6	Zinc	19.9		1	0.11	1.91	mg/Kg	01/31/25 09:40	02/03/25 18:09	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