

Report of Analysis

Client:	PSEG	Date Collected:	06/25/25
Project:	Orange Gas and Appliance Service MA00006789	Date Received:	06/25/25
Client Sample ID:	EO-03-06252025	SDG No.:	Q2419
Lab Sample ID:	Q2419-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5340		1	0.79	4.71	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-36-0	Antimony	1.24	J	1	0.21	2.36	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-38-2	Arsenic	4.81		1	0.18	0.94	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-39-3	Barium	42.2		1	0.69	4.71	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-41-7	Beryllium	0.37		1	0.024	0.28	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-43-9	Cadmium	0.11	J	1	0.023	0.28	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-70-2	Calcium	4200		1	10.5	94.2	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-47-3	Chromium	8.64		1	0.044	0.47	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-48-4	Cobalt	11.2		1	0.094	1.41	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-50-8	Copper	28.3		1	0.21	0.94	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7439-89-6	Iron	12300		1	3.76	4.71	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7439-92-1	Lead	87.7		1	0.12	0.56	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7439-95-4	Magnesium	1950		1	11.3	94.2	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7439-96-5	Manganese	184		1	0.13	0.94	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7439-97-6	Mercury	1.96	D	10	0.071	0.13	mg/Kg	06/26/25 14:06	06/26/25 16:03	7471B	
7440-02-0	Nickel	658		1	0.12	1.88	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-09-7	Potassium	434		1	26.1	94.2	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7782-49-2	Selenium	3.27		1	0.25	0.94	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-22-4	Silver	0.11	U	1	0.11	0.47	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-23-5	Sodium	528		1	16.8	94.2	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.88	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-62-2	Vanadium	17.9		1	0.24	1.88	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	SW3050
7440-66-6	Zinc	65.6		1	0.10	1.88	mg/Kg	06/26/25 10:20	06/26/25 19:13	6010D	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