

Report of Analysis

Client:	PSEG	Date Collected:	02/10/25
Project:	Orange Gas and Appliance Service MA00006789	Date Received:	02/10/25
Client Sample ID:	EO-01-021025	SDG No.:	Q1345
Lab Sample ID:	Q1345-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4340		1	2.21	4.58	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-36-0	Antimony	0.14	U	1	0.14	2.29	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-38-2	Arsenic	1.70		1	0.27	0.92	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-39-3	Barium	30.0		1	0.59	4.58	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-41-7	Beryllium	0.31		1	0.011	0.28	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-43-9	Cadmium	0.49		1	0.015	0.28	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-70-2	Calcium	3170		1	2.57	91.6	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-47-3	Chromium	7.92		1	0.049	0.46	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-48-4	Cobalt	5.07		1	0.053	1.37	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-50-8	Copper	13.9		1	0.43	0.92	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7439-89-6	Iron	10100		1	2.47	4.58	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7439-92-1	Lead	16.3		1	0.14	0.55	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7439-95-4	Magnesium	1480		1	3.14	91.6	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7439-96-5	Manganese	173		1	0.065	0.92	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7439-97-6	Mercury	0.045	N	1	0.0060	0.014	mg/Kg	02/11/25 09:40	02/11/25 10:32	SW7471B	
7440-02-0	Nickel	8.54		1	0.082	1.83	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-09-7	Potassium	389		1	26.3	91.6	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7782-49-2	Selenium	0.30	U	1	0.30	0.92	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-22-4	Silver	0.30	J	1	0.048	0.46	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-23-5	Sodium	819		1	33.1	91.6	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	1.83	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-62-2	Vanadium	15.1		1	0.25	1.83	mg/Kg	02/10/25 12:20	02/11/25 16:27	SW6010	SW3050
7440-66-6	Zinc	22.8		1	0.10	1.83	mg/Kg	02/10/25 12:20	02/11/25 16:27	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