

Report of Analysis

Client:	PSEG	Date Collected:	05/22/25
Project:	Orange Gas and Appliance Service MA00006789	Date Received:	05/22/25
Client Sample ID:	EO-03-05222025	SDG No.:	Q2112
Lab Sample ID:	Q2112-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2490		1	0.72	4.27	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-36-0	Antimony	0.19	U	1	0.19	2.13	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-38-2	Arsenic	3.20		1	0.16	0.85	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-39-3	Barium	15.8		1	0.62	4.27	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-41-7	Beryllium	0.23	J	1	0.021	0.26	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-43-9	Cadmium	0.12	J	1	0.020	0.26	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-70-2	Calcium	865		1	9.48	85.4	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-47-3	Chromium	5.15		1	0.040	0.43	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-48-4	Cobalt	2.73		1	0.085	1.28	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-50-8	Copper	6.29		1	0.19	0.85	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7439-89-6	Iron	5600		1	3.41	4.27	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7439-92-1	Lead	5.46		1	0.11	0.51	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7439-95-4	Magnesium	813		1	10.3	85.4	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7439-96-5	Manganese	129		1	0.12	0.85	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7439-97-6	Mercury	0.033		1	0.0070	0.013	mg/Kg	05/23/25 09:50	05/23/25 14:16	7471B	
7440-02-0	Nickel	5.02		1	0.11	1.71	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-09-7	Potassium	255		1	23.7	85.4	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7782-49-2	Selenium	0.22	U	1	0.22	0.85	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-22-4	Silver	0.10	U	1	0.10	0.43	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-23-5	Sodium	245		1	15.2	85.4	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-28-0	Thallium	0.20	U	1	0.20	1.71	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-62-2	Vanadium	6.88		1	0.21	1.71	mg/Kg	05/23/25 10:35	05/23/25 17:55	6010D	SW3050
7440-66-6	Zinc	12.6		1	0.20	1.71	mg/Kg	05/23/25 10:35	05/23/25 17:55	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