

Report of Analysis

Client:	PSEG	Date Collected:	08/20/25
Project:	Orange Gas and Appliance Service MA00006789	Date Received:	08/20/25
Client Sample ID:	EO-03-08202025	SDG No.:	Q2916
Lab Sample ID:	Q2916-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	9670		1	0.87	5.15	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.58	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-38-2	Arsenic	5.43	*	1	0.20	1.03	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-39-3	Barium	38.6	N	1	0.75	5.15	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-41-7	Beryllium	0.54	N	1	0.026	0.31	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-43-9	Cadmium	0.67		1	0.025	0.31	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-70-2	Calcium	2800	*	1	11.4	103	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-47-3	Chromium	18.1	N	1	0.048	0.52	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-48-4	Cobalt	12.1	*	1	0.10	1.55	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-50-8	Copper	22.0	N*	1	0.23	1.03	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7439-89-6	Iron	19800		1	4.11	5.15	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7439-92-1	Lead	9.65	*	1	0.13	0.62	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7439-95-4	Magnesium	2460		1	12.4	103	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7439-96-5	Manganese	338		1	0.14	1.03	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7439-97-6	Mercury	0.051		1	0.0070	0.013	mg/Kg	08/21/25 16:35	08/22/25 13:09	7471B	
7440-02-0	Nickel	16.0	*	1	0.13	2.06	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-09-7	Potassium	659	N	1	28.6	103	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7782-49-2	Selenium	0.31	J	1	0.27	1.03	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-22-4	Silver	0.90		1	0.12	0.52	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-23-5	Sodium	1130		1	18.3	103	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.06	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-62-2	Vanadium	46.7		1	0.26	2.06	mg/Kg	08/21/25 12:05	08/21/25 17:06	6010D	SW3050
7440-66-6	Zinc	32.0	N	1	0.24	2.06	mg/Kg	08/21/25 12:05	08/21/25 17:06	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