

Report of Analysis

Client:	PSEG	Date Collected:	10/25/24
Project:	Trenton Gas and Appliance Service MA00006789	Date Received:	10/25/24
Client Sample ID:	TR-05-102524	SDG No.:	P4577
Lab Sample ID:	P4577-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7950		1	2.23	4.63	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-36-0	Antimony	0.14	U	1	0.14	2.31	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-38-2	Arsenic	3.34		1	0.27	0.93	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-39-3	Barium	22.3		1	0.59	4.63	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-41-7	Beryllium	0.45		1	0.011	0.28	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-43-9	Cadmium	1.35		1	0.015	0.28	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-70-2	Calcium	1070		1	2.59	92.6	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-47-3	Chromium	12.7		1	0.050	0.46	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-48-4	Cobalt	6.64		1	0.054	1.39	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-50-8	Copper	9.37		1	0.44	0.93	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7439-89-6	Iron	14000		1	2.49	4.63	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7439-92-1	Lead	16.2		1	0.14	0.56	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7439-95-4	Magnesium	670		1	3.18	92.6	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7439-96-5	Manganese	132		1	0.066	0.93	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7439-97-6	Mercury	0.071		1	0.0070	0.015	mg/Kg	10/28/24 16:15	10/29/24 11:17	SW7471B	
7440-02-0	Nickel	7.03		1	0.083	1.85	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-09-7	Potassium	345		1	26.6	92.6	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7782-49-2	Selenium	0.31	U	1	0.31	0.93	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-22-4	Silver	0.42	J	1	0.048	0.46	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-23-5	Sodium	171		1	33.4	92.6	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-28-0	Thallium	0.41	U	1	0.41	1.85	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-62-2	Vanadium	21.8		1	0.25	1.85	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050
7440-66-6	Zinc	19.9		1	0.10	1.85	mg/Kg	10/26/24 09:40	10/28/24 16:32	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	N/A
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