

Report of Analysis

Client:	PSEG	Date Collected:	05/13/25
Project:	Central Gas Plant	Date Received:	05/13/25
Client Sample ID:	COMP-2	SDG No.:	Q2022
Lab Sample ID:	Q2022-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	77.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7320		1	0.94	5.60	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-36-0	Antimony	2.80	U	1	0.25	2.80	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-38-2	Arsenic	26.6		1	0.21	1.12	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-39-3	Barium	77.9		1	0.82	5.60	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-41-7	Beryllium	2.53		1	0.028	0.34	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-43-9	Cadmium	0.32	J	1	0.027	0.34	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-70-2	Calcium	3180		1	12.4	112	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-47-3	Chromium	19.2		1	0.053	0.56	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-48-4	Cobalt	22.1		1	0.11	1.68	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-50-8	Copper	34.2		1	0.25	1.12	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7439-89-6	Iron	30100		1	4.47	5.60	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7439-92-1	Lead	22.6		1	0.14	0.67	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7439-95-4	Magnesium	2850		1	13.4	112	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7439-96-5	Manganese	521		1	0.16	1.12	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7439-97-6	Mercury	0.017	U	1	0.010	0.017	mg/Kg	05/15/25 08:55	05/15/25 13:47	7471B	
7440-02-0	Nickel	24.5		1	0.14	2.24	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-09-7	Potassium	1090		1	31.0	112	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7782-49-2	Selenium	1.93		1	0.29	1.12	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-22-4	Silver	0.56	U	1	0.13	0.56	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-23-5	Sodium	45.3	J	1	19.9	112	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-28-0	Thallium	1.71	J	1	0.26	2.24	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-62-2	Vanadium	20.2		1	0.28	2.24	mg/Kg	05/15/25 10:10	05/16/25 13:52	6010D	SW3050
7440-66-6	Zinc	83.2		1	0.26	2.24	mg/Kg	05/15/25 10:10	05/16/25 13:52	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