

Report of Analysis

Client:	PSEG	Date Collected:	05/13/25
Project:	Central Gas Plant	Date Received:	05/13/25
Client Sample ID:	COMP-1	SDG No.:	Q2022
Lab Sample ID:	Q2022-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7730		1	1.00	5.93	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-36-0	Antimony	2.96	U	1	0.26	2.96	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-38-2	Arsenic	35.9		1	0.23	1.19	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-39-3	Barium	92.1		1	0.87	5.93	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-41-7	Beryllium	1.99		1	0.030	0.36	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-43-9	Cadmium	0.11	J	1	0.028	0.36	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-70-2	Calcium	3780		1	13.2	119	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-47-3	Chromium	21.7		1	0.056	0.59	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-48-4	Cobalt	23.1		1	0.12	1.78	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-50-8	Copper	42.0		1	0.26	1.19	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7439-89-6	Iron	32800		1	4.73	5.93	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7439-92-1	Lead	21.8		1	0.15	0.71	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7439-95-4	Magnesium	2790		1	14.2	119	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7439-96-5	Manganese	567		1	0.17	1.19	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7439-97-6	Mercury	0.019		1	0.010	0.018	mg/Kg	05/15/25 08:55	05/15/25 13:45	7471B	
7440-02-0	Nickel	26.1		1	0.15	2.37	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-09-7	Potassium	1100		1	32.8	119	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7782-49-2	Selenium	2.45		1	0.31	1.19	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-22-4	Silver	0.59	U	1	0.14	0.59	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-23-5	Sodium	39.6	J	1	21.1	119	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-28-0	Thallium	1.67	J	1	0.27	2.37	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-62-2	Vanadium	23.9		1	0.30	2.37	mg/Kg	05/15/25 10:10	05/16/25 13:48	6010D	SW3050
7440-66-6	Zinc	86.7		1	0.27	2.37	mg/Kg	05/15/25 10:10	05/16/25 13:48	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