

Report of Analysis

Client:	PSEG	Date Collected:	05/13/25
Project:	Central Gas Plant	Date Received:	05/13/25
Client Sample ID:	336	SDG No.:	Q2022
Lab Sample ID:	Q2022-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4760		1	0.70	4.18	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-36-0	Antimony	2.09	U	1	0.18	2.09	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-38-2	Arsenic	16.7		1	0.16	0.84	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-39-3	Barium	42.6		1	0.61	4.18	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-41-7	Beryllium	0.47		1	0.021	0.25	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-43-9	Cadmium	0.14	J	1	0.020	0.25	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-70-2	Calcium	46700		1	9.29	83.7	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-47-3	Chromium	2.65		1	0.039	0.42	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-48-4	Cobalt	3.25		1	0.084	1.26	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-50-8	Copper	2.64		1	0.18	0.84	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7439-89-6	Iron	1970		1	3.34	4.18	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7439-92-1	Lead	3.18		1	0.11	0.50	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7439-95-4	Magnesium	4090		1	10.0	83.7	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7439-96-5	Manganese	95.2		1	0.12	0.84	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7439-97-6	Mercury	0.020		1	0.0070	0.013	mg/Kg	05/15/25 08:55	05/15/25 13:43	7471B	
7440-02-0	Nickel	2.01		1	0.11	1.67	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-09-7	Potassium	277		1	23.2	83.7	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7782-49-2	Selenium	0.84	U	1	0.22	0.84	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-22-4	Silver	0.42	U	1	0.10	0.42	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-23-5	Sodium	112		1	14.9	83.7	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-28-0	Thallium	1.67	U	1	0.19	1.67	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-62-2	Vanadium	4.24		1	0.21	1.67	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050
7440-66-6	Zinc	5.80		1	0.19	1.67	mg/Kg	05/15/25 10:10	05/16/25 13:43	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

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