

Report of Analysis

Client:	PSEG	Date Collected:	12/04/24
Project:	Central Gas Plant	Date Received:	12/04/24
Client Sample ID:	CTWK-COMP-1	SDG No.:	P5105
Lab Sample ID:	P5105-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8260		1	2.54	5.28	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-36-0	Antimony	0.84	JN	1	0.16	2.64	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-38-2	Arsenic	79.8		1	0.31	1.06	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-39-3	Barium	59.4	N	1	0.68	5.28	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-41-7	Beryllium	1.64		1	0.013	0.32	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-43-9	Cadmium	4.51		1	0.017	0.32	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-70-2	Calcium	10000	N	1	2.96	106	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-47-3	Chromium	24.1		1	0.057	0.53	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-48-4	Cobalt	25.4		1	0.061	1.58	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-50-8	Copper	31.6		1	0.50	1.06	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7439-89-6	Iron	34600		1	2.84	5.28	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7439-92-1	Lead	31.5		1	0.16	0.63	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7439-95-4	Magnesium	6250	N	1	3.62	106	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7439-96-5	Manganese	568		1	0.075	1.06	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7439-97-6	Mercury	0.033		1	0.0070	0.015	mg/Kg	12/06/24 14:40	12/06/24 17:56	SW7471B	
7440-02-0	Nickel	26.4		1	0.095	2.11	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-09-7	Potassium	861		1	30.3	106	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7782-49-2	Selenium	0.35	U	1	0.35	1.06	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-22-4	Silver	0.055	U	1	0.055	0.53	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-23-5	Sodium	59.5	J	1	38.1	106	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-28-0	Thallium	1.19	J	1	0.47	2.11	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-62-2	Vanadium	27.6	N	1	0.28	2.11	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	SW3050
7440-66-6	Zinc	88.2	N	1	0.12	2.11	mg/Kg	12/05/24 10:50	12/06/24 16:13	SW6010	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