

Report of Analysis

Client:	PSEG	Date Collected:	07/15/25
Project:	Jersey City Gas District	Date Received:	07/15/25
Client Sample ID:	709-AB	SDG No.:	Q2609
Lab Sample ID:	Q2609-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	99.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7220		1	0.73	4.36	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7440-36-0	Antimony	31.6	N	1	0.19	2.18	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7440-38-2	Arsenic	180		1	0.17	0.87	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7440-39-3	Barium	277	*	1	0.64	4.36	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7440-41-7	Beryllium	2.78		1	0.022	0.26	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7440-43-9	Cadmium	14.9		1	0.021	0.26	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7440-70-2	Calcium	7250		1	9.68	87.2	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7440-47-3	Chromium	117	N	1	0.041	0.44	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7440-48-4	Cobalt	140		1	0.087	1.31	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7440-50-8	Copper	3110	N	1	0.19	0.87	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7439-89-6	Iron	168000	D	10	34.8	43.6	mg/Kg	07/16/25 14:30	07/17/25 19:38	6010D	SW3050
7439-92-1	Lead	968	N*	1	0.11	0.52	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7439-95-4	Magnesium	3530	*	1	10.5	87.2	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7439-96-5	Manganese	359		1	0.12	0.87	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7439-97-6	Mercury	0.066		1	0.0080	0.014	mg/Kg	07/16/25 15:15	07/17/25 14:19	7471B	
7440-02-0	Nickel	205		1	0.11	1.74	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7440-09-7	Potassium	3220		1	24.2	87.2	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7782-49-2	Selenium	0.87	U	1	0.23	0.87	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7440-22-4	Silver	3.24	JD	10	1.05	4.36	mg/Kg	07/16/25 14:30	07/17/25 19:38	6010D	SW3050
7440-23-5	Sodium	1420	N*	1	15.5	87.2	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7440-28-0	Thallium	13.3		1	0.20	1.74	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7440-62-2	Vanadium	23.2		1	0.22	1.74	mg/Kg	07/16/25 14:30	07/17/25 19:11	6010D	SW3050
7440-66-6	Zinc	3840	D*	10	2.01	17.4	mg/Kg	07/16/25 14:30	07/17/25 19:38	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