

Report of Analysis

Client:	PSEG	Date Collected:	05/07/25
Project:	PSEG Keasby	Date Received:	05/07/25
Client Sample ID:	WC-B-2	SDG No.:	Q1972
Lab Sample ID:	Q1972-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6620		1	0.83	4.96	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-36-0	Antimony	2.48	UN	1	0.22	2.48	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-38-2	Arsenic	1.72		1	0.19	0.99	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-39-3	Barium	43.6		1	0.72	4.96	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-41-7	Beryllium	0.42	*	1	0.025	0.30	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-43-9	Cadmium	0.30	U	1	0.024	0.30	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-70-2	Calcium	677		1	11.0	99.1	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-47-3	Chromium	7.87	N*	1	0.047	0.50	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-48-4	Cobalt	3.19		1	0.099	1.49	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-50-8	Copper	6.10		1	0.22	0.99	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7439-89-6	Iron	5310		1	3.96	4.96	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7439-92-1	Lead	5.83		1	0.13	0.60	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7439-95-4	Magnesium	279		1	11.9	99.1	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7439-96-5	Manganese	23.5		1	0.14	0.99	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7439-97-6	Mercury	0.014	U	1	0.0080	0.014	mg/Kg	05/08/25 09:59	05/08/25 10:48	SW7471B	
7440-02-0	Nickel	6.73		1	0.13	1.98	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-09-7	Potassium	130	N	1	27.5	99.1	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7782-49-2	Selenium	0.99	UN	1	0.26	0.99	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-22-4	Silver	0.50	U	1	0.12	0.50	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-23-5	Sodium	99.1	U	1	17.6	99.1	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-28-0	Thallium	1.98	U	1	0.23	1.98	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-62-2	Vanadium	15.0	N	1	0.25	1.98	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050
7440-66-6	Zinc	19.1		1	0.23	1.98	mg/Kg	05/08/25 10:25	05/09/25 17:43	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Full Waste Classification			

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