

Report of Analysis

Client:	PSEG	Date Collected:	05/07/25
Project:	PSEG Keasby	Date Received:	05/07/25
Client Sample ID:	WC-B-10	SDG No.:	Q1972
Lab Sample ID:	Q1972-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	641		1	0.76	4.54	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-36-0	Antimony	2.27	UN	1	0.20	2.27	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-38-2	Arsenic	1.76		1	0.17	0.91	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-39-3	Barium	2.04	J	1	0.66	4.54	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-41-7	Beryllium	0.21	J*	1	0.023	0.27	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-43-9	Cadmium	0.27	U	1	0.022	0.27	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-70-2	Calcium	118		1	10.1	90.8	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-47-3	Chromium	3.75	N*	1	0.043	0.45	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-48-4	Cobalt	1.31	J	1	0.091	1.36	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-50-8	Copper	6.79		1	0.20	0.91	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7439-89-6	Iron	7160		1	3.62	4.54	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7439-92-1	Lead	1.46		1	0.12	0.55	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7439-95-4	Magnesium	90.8	U	1	10.9	90.8	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7439-96-5	Manganese	5.92		1	0.13	0.91	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7439-97-6	Mercury	0.014	U	1	0.0080	0.014	mg/Kg	05/08/25 09:59	05/08/25 10:45	SW7471B	
7440-02-0	Nickel	1.29	J	1	0.12	1.82	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-09-7	Potassium	90.8	UN	1	25.2	90.8	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7782-49-2	Selenium	0.91	UN	1	0.24	0.91	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-22-4	Silver	0.45	U	1	0.11	0.45	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-23-5	Sodium	90.8	U	1	16.2	90.8	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-28-0	Thallium	1.82	U	1	0.21	1.82	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-62-2	Vanadium	27.4	N	1	0.23	1.82	mg/Kg	05/08/25 10:25	05/09/25 17:39	SW6010	SW3050
7440-66-6	Zinc	7.21		1	0.21	1.82	mg/Kg	05/08/25 10:25	05/09/25 17:39	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