

Report of Analysis

Client:	PSEG	Date Collected:	01/13/25
Project:	Hackensack Sub	Date Received:	01/13/25
Client Sample ID:	HACKENSACK-DGA	SDG No.:	Q1074
Lab Sample ID:	Q1074-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3830		1	2.24	4.65	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-36-0	Antimony	2.32	U	1	0.14	2.32	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-38-2	Arsenic	2.49		1	0.27	0.93	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-39-3	Barium	22.8		1	0.60	4.65	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-41-7	Beryllium	0.31		1	0.011	0.28	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-43-9	Cadmium	0.38		1	0.015	0.28	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-70-2	Calcium	24600		1	2.60	93.0	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-47-3	Chromium	17.5		1	0.050	0.47	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-48-4	Cobalt	7.83		1	0.054	1.39	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-50-8	Copper	149		1	0.44	0.93	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7439-89-6	Iron	11500		1	2.50	4.65	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7439-92-1	Lead	10.6		1	0.14	0.56	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7439-95-4	Magnesium	16300		1	3.19	93.0	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7439-96-5	Manganese	110		1	0.066	0.93	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7439-97-6	Mercury	0.010	J	1	0.0060	0.014	mg/Kg	01/14/25 08:35	01/14/25 12:02	SW7471B	
7440-02-0	Nickel	14.7		1	0.084	1.86	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-09-7	Potassium	2040		1	26.7	93.0	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7782-49-2	Selenium	0.93	U	1	0.31	0.93	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-22-4	Silver	0.47	U	1	0.048	0.47	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-23-5	Sodium	203		1	33.6	93.0	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-28-0	Thallium	1.86	U	1	0.41	1.86	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-62-2	Vanadium	16.1		1	0.25	1.86	mg/Kg	01/14/25 09:30	01/16/25 19:57	SW6010	SW3050
7440-66-6	Zinc	29.3		1	0.10	1.86	mg/Kg	01/14/25 09:30	01/16/25 19:57	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