

Report of Analysis

Client:	PSEG	Date Collected:	12/05/24
Project:	Lawrenceville HQ	Date Received:	12/05/24
Client Sample ID:	COMP-1	SDG No.:	P5136
Lab Sample ID:	P5136-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	71.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5570		1	2.74	5.68	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-36-0	Antimony	0.32	J	1	0.17	2.84	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-38-2	Arsenic	3.92		1	0.33	1.14	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-39-3	Barium	87.3		1	0.73	5.68	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-41-7	Beryllium	1.57		1	0.014	0.34	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-43-9	Cadmium	1.69		1	0.018	0.34	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-70-2	Calcium	5280		1	3.18	114	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-47-3	Chromium	27.0	N	1	0.061	0.57	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-48-4	Cobalt	15.4		1	0.066	1.71	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-50-8	Copper	16.7	N	1	0.53	1.14	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7439-89-6	Iron	8210		1	3.06	5.68	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7439-92-1	Lead	28.7		1	0.17	0.68	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7439-95-4	Magnesium	5440		1	3.90	114	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7439-96-5	Manganese	235		1	0.081	1.14	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7439-97-6	Mercury	0.016	U	1	0.0070	0.016	mg/Kg	12/06/24 14:40	12/06/24 18:12	SW7471B	
7440-02-0	Nickel	18.7		1	0.10	2.27	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-09-7	Potassium	1290		1	32.6	114	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7782-49-2	Selenium	1.14	U	1	0.38	1.14	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-22-4	Silver	0.57	U	1	0.059	0.57	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-23-5	Sodium	309	N	1	41.0	114	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-28-0	Thallium	2.27	U	1	0.50	2.27	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-62-2	Vanadium	26.4		1	0.31	2.27	mg/Kg	12/06/24 09:40	12/09/24 15:34	SW6010	SW3050
7440-66-6	Zinc	68.7		1	0.13	2.27	mg/Kg	12/06/24 09:40	12/09/24 15:34	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