

Report of Analysis

Client:	PSEG	Date Collected:	07/08/25
Project:	Lawrenceville HQ	Date Received:	07/08/25
Client Sample ID:	AR520-0015	SDG No.:	Q2527
Lab Sample ID:	Q2527-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6220		1	0.93	5.53	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-36-0	Antimony	2.77	UN	1	0.24	2.77	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-38-2	Arsenic	20.9		1	0.21	1.11	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-39-3	Barium	30.4		1	0.81	5.53	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-41-7	Beryllium	0.44		1	0.028	0.33	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-43-9	Cadmium	0.20	J	1	0.027	0.33	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-70-2	Calcium	6390	N	1	12.3	111	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-47-3	Chromium	9.01		1	0.052	0.55	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-48-4	Cobalt	3.30		1	0.11	1.66	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-50-8	Copper	22.4		1	0.24	1.11	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7439-89-6	Iron	8190		1	4.41	5.53	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7439-92-1	Lead	170		1	0.14	0.66	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7439-95-4	Magnesium	1060	N	1	13.3	111	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7439-96-5	Manganese	142	N	1	0.16	1.11	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7439-97-6	Mercury	0.071		1	0.010	0.018	mg/Kg	07/09/25 14:40	07/10/25 10:06	7471B	
7440-02-0	Nickel	6.78		1	0.14	2.21	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-09-7	Potassium	311		1	30.6	111	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7782-49-2	Selenium	1.11	U	1	0.29	1.11	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-22-4	Silver	0.55	U	1	0.13	0.55	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-23-5	Sodium	1210	N	1	19.7	111	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-28-0	Thallium	2.21	U	1	0.25	2.21	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-62-2	Vanadium	17.0		1	0.28	2.21	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050
7440-66-6	Zinc	62.8		1	0.25	2.21	mg/Kg	07/09/25 10:35	07/10/25 19:26	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Bayshore			

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