

Report of Analysis

Client:	PSEG	Date Collected:	06/23/25
Project:	Lawrenceville HQ	Date Received:	06/23/25
Client Sample ID:	ARS 20-0006	SDG No.:	Q2403
Lab Sample ID:	Q2403-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11000		1	0.80	4.73	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-36-0	Antimony	1.85	JN	1	0.21	2.37	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-38-2	Arsenic	9.28		1	0.18	0.95	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-39-3	Barium	65.1		1	0.69	4.73	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-41-7	Beryllium	0.82		1	0.024	0.28	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-43-9	Cadmium	0.28	U	1	0.023	0.28	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-70-2	Calcium	3540		1	10.5	94.6	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-47-3	Chromium	26.9	N*	1	0.044	0.47	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-48-4	Cobalt	9.23		1	0.095	1.42	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-50-8	Copper	14.0	N	1	0.21	0.95	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7439-89-6	Iron	20500		1	3.78	4.73	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7439-92-1	Lead	33.2		1	0.12	0.57	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7439-95-4	Magnesium	1760		1	11.4	94.6	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7439-96-5	Manganese	220		1	0.13	0.95	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7439-97-6	Mercury	0.037		1	0.0070	0.013	mg/Kg	06/24/25 15:35	06/26/25 11:11	7471B	
7440-02-0	Nickel	9.70		1	0.12	1.89	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-09-7	Potassium	696		1	26.2	94.6	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7782-49-2	Selenium	6.29		1	0.25	0.95	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-22-4	Silver	0.87		1	0.11	0.47	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-23-5	Sodium	198	N	1	16.8	94.6	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-28-0	Thallium	1.89	U	1	0.22	1.89	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-62-2	Vanadium	24.6	N	1	0.24	1.89	mg/Kg	06/25/25 10:25	06/27/25 13:54	6010D	SW3050
7440-66-6	Zinc	66.2		1	0.10	1.89	mg/Kg	06/25/25 10:25	06/27/25 13:54	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