

Report of Analysis

Client:	PSEG	Date Collected:	05/21/25
Project:	Lawrenceville HQ	Date Received:	05/21/25
Client Sample ID:	LAW-25-0077	SDG No.:	Q2102
Lab Sample ID:	Q2102-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	87

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1640	D	5	4.20	25.0	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-36-0	Antimony	12.5	UD	5	1.10	12.5	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-38-2	Arsenic	32.6	D	5	0.95	5.00	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-39-3	Barium	36.7	D	5	3.65	25.0	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-41-7	Beryllium	2.16	D	5	0.13	1.50	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-43-9	Cadmium	0.37	JD	5	0.12	1.50	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-70-2	Calcium	6210	D	5	55.5	500	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-47-3	Chromium	357	D	5	0.24	2.50	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-48-4	Cobalt	14.6	D	5	0.50	7.50	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-50-8	Copper	3730	D	5	1.10	5.00	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7439-89-6	Iron	299000	D	5	19.9	25.0	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7439-92-1	Lead	1640	D	5	0.65	3.00	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7439-95-4	Magnesium	1200	D	5	60.0	500	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7439-96-5	Manganese	1200	D	5	0.70	5.00	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7439-97-6	Mercury	0.017		1	0.0080	0.014	mg/Kg	05/23/25 09:50	05/23/25 14:03	7471B	
7440-02-0	Nickel	168	D	5	0.65	10.0	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-09-7	Potassium	576	D	5	138	500	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7782-49-2	Selenium	5.00	UD	5	1.30	5.00	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-22-4	Silver	2.50	UD	5	0.60	2.50	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-23-5	Sodium	2770	D	5	89.0	500	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-28-0	Thallium	26.3	D	5	1.15	10.0	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-62-2	Vanadium	9.15	JD	5	1.25	10.0	mg/Kg	05/21/25 14:05	05/28/25 16:03	6010D	SW3050
7440-66-6	Zinc	1550	D	5	1.15	10.0	mg/Kg	05/21/25 14:05	05/28/25 16:03	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