

Report of Analysis

Client:	PSEG	Date Collected:	06/13/25
Project:	Kingsland Substation	Date Received:	06/13/25
Client Sample ID:	CHRT25653	SDG No.:	Q2328
Lab Sample ID:	Q2328-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5040		1	0.92	5.47	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-36-0	Antimony	2.06	J	1	0.24	2.74	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-38-2	Arsenic	1.87		1	0.21	1.09	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-39-3	Barium	33.5		1	0.80	5.47	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-41-7	Beryllium	0.46		1	0.027	0.33	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-43-9	Cadmium	0.026	U	1	0.026	0.33	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-70-2	Calcium	3460		1	12.1	109	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-47-3	Chromium	16.6		1	0.051	0.55	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-48-4	Cobalt	6.12		1	0.11	1.64	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-50-8	Copper	56.8		1	0.24	1.09	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7439-89-6	Iron	18800		1	4.37	5.47	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7439-92-1	Lead	188		1	0.14	0.66	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7439-95-4	Magnesium	2090		1	13.1	109	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7439-96-5	Manganese	213		1	0.15	1.09	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7439-97-6	Mercury	0.095		1	0.0090	0.016	mg/Kg	06/16/25 08:35	06/16/25 13:42	7471B	
7440-02-0	Nickel	12.7		1	0.14	2.19	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-09-7	Potassium	561		1	30.3	109	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7782-49-2	Selenium	2.49		1	0.28	1.09	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-22-4	Silver	0.87		1	0.13	0.55	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-23-5	Sodium	257		1	19.5	109	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.19	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-62-2	Vanadium	16.6		1	0.27	2.19	mg/Kg	06/16/25 10:20	06/16/25 16:02	6010D	SW3050
7440-66-6	Zinc	226		1	0.12	2.19	mg/Kg	06/16/25 10:20	06/16/25 16:02	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