

Report of Analysis

Client:	PSEG	Date Collected:	08/15/25
Project:	Kingsland Switching Station	Date Received:	08/15/25
Client Sample ID:	RBR2520553	SDG No.:	Q2883
Lab Sample ID:	Q2883-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6520		1	0.76	4.54	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-36-0	Antimony	0.20	U	1	0.20	2.27	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-38-2	Arsenic	4.11		1	0.17	0.91	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-39-3	Barium	43.6		1	0.66	4.54	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-41-7	Beryllium	0.67		1	0.023	0.27	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-43-9	Cadmium	0.88		1	0.022	0.27	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-70-2	Calcium	2240		1	10.1	90.8	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-47-3	Chromium	21.8		1	0.043	0.45	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-48-4	Cobalt	5.76		1	0.091	1.36	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-50-8	Copper	27.3		1	0.20	0.91	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7439-89-6	Iron	12700		1	3.62	4.54	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7439-92-1	Lead	102		1	0.12	0.55	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7439-95-4	Magnesium	1940		1	10.9	90.8	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7439-96-5	Manganese	306		1	0.13	0.91	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7439-97-6	Mercury	0.41		1	0.0080	0.014	mg/Kg	08/18/25 08:40	08/18/25 14:39	7471B	
7440-02-0	Nickel	18.1		1	0.12	1.82	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-09-7	Potassium	651		1	25.2	90.8	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7782-49-2	Selenium	0.24	U	1	0.24	0.91	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-22-4	Silver	0.44	J	1	0.11	0.45	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-23-5	Sodium	429		1	16.2	90.8	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-28-0	Thallium	0.21	U	1	0.21	1.82	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-62-2	Vanadium	22.4		1	0.23	1.82	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050
7440-66-6	Zinc	106		1	0.21	1.82	mg/Kg	08/18/25 08:22	08/18/25 15:04	6010D	SW3050

Color Before:

Clarity Before:

Texture:

Color After:

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