

Report of Analysis

Client:	PSEG	Date Collected:	06/27/25
Project:	Deans Switching Station	Date Received:	06/27/25
Client Sample ID:	500-3B	SDG No.:	Q2442
Lab Sample ID:	Q2442-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6970		1	0.76	4.55	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-36-0	Antimony	0.20	UN	1	0.20	2.27	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-38-2	Arsenic	2.87	N	1	0.17	0.91	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-39-3	Barium	6.43	N	1	0.66	4.55	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-41-7	Beryllium	0.51	N	1	0.023	0.27	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-43-9	Cadmium	0.12	J	1	0.022	0.27	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-70-2	Calcium	4480		1	10.1	90.9	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-47-3	Chromium	16.8	N	1	0.043	0.46	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-48-4	Cobalt	9.40		1	0.091	1.36	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-50-8	Copper	0.20	UN	1	0.20	0.91	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7439-89-6	Iron	9590		1	3.63	4.55	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7439-92-1	Lead	0.30	J	1	0.12	0.55	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7439-95-4	Magnesium	8520		1	10.9	90.9	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7439-96-5	Manganese	127		1	0.13	0.91	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7439-97-6	Mercury	0.0080	U	1	0.0080	0.014	mg/Kg	06/30/25 10:11	06/30/25 14:24	7471B	
7440-02-0	Nickel	29.7		1	0.12	1.82	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-09-7	Potassium	5120	N	1	25.2	90.9	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7782-49-2	Selenium	1.95	N	1	0.24	0.91	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-22-4	Silver	0.11	UN	1	0.11	0.46	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-23-5	Sodium	142		1	16.2	90.9	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-28-0	Thallium	0.21	U	1	0.21	1.82	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-62-2	Vanadium	23.0	N	1	0.23	1.82	mg/Kg	06/30/25 09:50	07/01/25 16:29	6010D	SW3050
7440-66-6	Zinc	79.8	N	1	0.21	1.82	mg/Kg	06/30/25 09:50	07/01/25 16:29	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