

Report of Analysis

Client:	PSEG	Date Collected:	08/05/25
Project:	Deans Switching Station	Date Received:	08/05/25
Client Sample ID:	500-3B-SOIL	SDG No.:	Q2772
Lab Sample ID:	Q2772-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.1

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	0.82	4.87	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-36-0	Antimony	0.21	UN	1	0.21	2.43	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-38-2	Arsenic	13.8		1	0.19	0.97	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-39-3	Barium	9.19		1	0.71	4.87	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-41-7	Beryllium	1.18		1	0.024	0.29	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.29	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-70-2	Calcium	1340		1	10.8	97.4	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-47-3	Chromium	27.2		1	0.046	0.49	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-48-4	Cobalt	3.03		1	0.097	1.46	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-50-8	Copper	6.17		1	0.21	0.97	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7439-89-6	Iron	35000		1	3.88	4.87	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7439-92-1	Lead	3.44		1	0.13	0.58	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7439-95-4	Magnesium	482		1	11.7	97.4	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7439-96-5	Manganese	36.7		1	0.14	0.97	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7439-97-6	Mercury	0.019		1	0.0080	0.014	mg/Kg	08/07/25 16:30	08/08/25 11:41	7471B	
7440-02-0	Nickel	4.53		1	0.13	1.95	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-09-7	Potassium	626		1	27.0	97.4	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7782-49-2	Selenium	0.25	U	1	0.25	0.97	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-22-4	Silver	0.84		1	0.12	0.49	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-23-5	Sodium	54.3	J	1	17.3	97.4	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-28-0	Thallium	0.22	U	1	0.22	1.95	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-62-2	Vanadium	36.1		1	0.24	1.95	mg/Kg	08/06/25 13:10	08/07/25 14:07	6010D	SW3050
7440-66-6	Zinc	35.3		1	0.22	1.95	mg/Kg	08/06/25 13:10	08/07/25 14:07	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