

Report of Analysis

Client:	PSEG	Date Collected:	05/14/25
Project:	Clifton HQ	Date Received:	05/14/25
Client Sample ID:	281	SDG No.:	Q2043
Lab Sample ID:	Q2043-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	79

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8100		1	0.95	5.68	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-36-0	Antimony	2.84	UN	1	0.25	2.84	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-38-2	Arsenic	5.17		1	0.22	1.14	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-39-3	Barium	64.2	N	1	0.83	5.68	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-41-7	Beryllium	1.13	N	1	0.028	0.34	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-43-9	Cadmium	0.15	J	1	0.027	0.34	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-70-2	Calcium	3130	*	1	12.6	114	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-47-3	Chromium	24.3		1	0.053	0.57	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-48-4	Cobalt	8.86		1	0.11	1.70	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-50-8	Copper	29.8	N	1	0.25	1.14	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7439-89-6	Iron	12800		1	4.53	5.68	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7439-92-1	Lead	431		1	0.15	0.68	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7439-95-4	Magnesium	3830		1	13.6	114	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7439-96-5	Manganese	160	*	1	0.16	1.14	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7439-97-6	Mercury	0.10		1	0.0090	0.017	mg/Kg	05/15/25 08:55	05/15/25 15:12	7471B	
7440-02-0	Nickel	18.9		1	0.15	2.27	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-09-7	Potassium	1790		1	31.4	114	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7782-49-2	Selenium	1.14	N	1	0.30	1.14	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-22-4	Silver	0.57	UN	1	0.14	0.57	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-23-5	Sodium	239	N	1	20.2	114	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-28-0	Thallium	2.27	U	1	0.26	2.27	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-62-2	Vanadium	24.8		1	0.28	2.27	mg/Kg	05/15/25 10:10	05/16/25 16:16	6010D	SW3050
7440-66-6	Zinc	85.5	N	1	0.26	2.27	mg/Kg	05/15/25 10:10	05/16/25 16:16	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