

Report of Analysis

Client:	PSEG	Date Collected:	03/26/25
Project:	Elizabeth Sub HQ	Date Received:	03/26/25
Client Sample ID:	72-11998	SDG No.:	Q1657
Lab Sample ID:	Q1657-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5390		1	2.55	5.29	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-36-0	Antimony	0.16	UN	1	0.16	2.65	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-38-2	Arsenic	2.47		1	0.31	1.06	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-39-3	Barium	85.1		1	0.68	5.29	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-41-7	Beryllium	0.44		1	0.013	0.32	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-43-9	Cadmium	0.017	U	1	0.017	0.32	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-70-2	Calcium	6910	*	1	2.96	106	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-47-3	Chromium	41.6		1	0.057	0.53	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-48-4	Cobalt	6.59		1	0.061	1.59	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-50-8	Copper	21.1	N	1	0.50	1.06	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7439-89-6	Iron	12600		1	2.85	5.29	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7439-92-1	Lead	174		1	0.16	0.64	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7439-95-4	Magnesium	3470		1	3.63	106	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7439-96-5	Manganese	248		1	0.075	1.06	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7439-97-6	Mercury	0.046		1	0.0080	0.013	mg/Kg	03/26/25 11:52	03/27/25 16:24	SW7471B	
7440-02-0	Nickel	13.4		1	0.095	2.12	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-09-7	Potassium	921		1	30.4	106	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7782-49-2	Selenium	0.35	U	1	0.35	1.06	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-22-4	Silver	0.23	J	1	0.055	0.53	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-23-5	Sodium	541	N	1	38.2	106	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-28-0	Thallium	0.47	U	1	0.47	2.12	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-62-2	Vanadium	15.2		1	0.29	2.12	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	SW3050
7440-66-6	Zinc	56.0	N	1	0.12	2.12	mg/Kg	03/27/25 09:55	03/27/25 12:59	SW6010	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