

Report of Analysis

Client:	PSEG	Date Collected:	09/19/25
Project:	Chestnut St OP	Date Received:	09/19/25
Client Sample ID:	SP-A	SDG No.:	Q3145
Lab Sample ID:	Q3145-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	85

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12100		1	0.84	4.99	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-36-0	Antimony	0.22	U	1	0.22	2.49	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-38-2	Arsenic	5.70		1	0.19	1.00	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-39-3	Barium	67.8		1	0.73	4.99	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-41-7	Beryllium	0.84		1	0.025	0.30	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-43-9	Cadmium	0.50		1	0.024	0.30	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-70-2	Calcium	3390		1	11.1	99.7	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-47-3	Chromium	16.7		1	0.047	0.50	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-48-4	Cobalt	8.82		1	0.10	1.50	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-50-8	Copper	26.3		1	0.22	1.00	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7439-89-6	Iron	18300		1	3.98	4.99	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7439-92-1	Lead	62.5		1	0.13	0.60	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7439-95-4	Magnesium	3760		1	12.0	99.7	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7439-96-5	Manganese	302		1	0.14	1.00	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7439-97-6	Mercury	0.082	N	1	0.0080	0.015	mg/Kg	09/22/25 15:10	09/23/25 09:28	7471B	
7440-02-0	Nickel	18.4		1	0.13	1.99	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-09-7	Potassium	1120		1	27.6	99.7	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7782-49-2	Selenium	0.80	J	1	0.26	1.00	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-22-4	Silver	0.47	J	1	0.12	0.50	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-23-5	Sodium	601		1	17.7	99.7	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.99	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-62-2	Vanadium	25.9		1	0.25	1.99	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050
7440-66-6	Zinc	68.2		1	0.23	1.99	mg/Kg	09/22/25 10:20	09/24/25 13:03	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
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