

Report of Analysis

Client:	PSEG	Date Collected:	05/12/25
Project:	PSEG Catherine St Test Pits	Date Received:	05/13/25
Client Sample ID:	TP-A	SDG No.:	Q2020
Lab Sample ID:	Q2020-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7540		1	0.89	5.29	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-36-0	Antimony	2.65	UN	1	0.23	2.65	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-38-2	Arsenic	2.50		1	0.20	1.06	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-39-3	Barium	59.2	N	1	0.77	5.29	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-41-7	Beryllium	0.68	N	1	0.026	0.32	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-43-9	Cadmium	0.32	U	1	0.025	0.32	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-70-2	Calcium	6220	*	1	11.8	106	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-47-3	Chromium	14.2		1	0.050	0.53	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-48-4	Cobalt	7.01		1	0.11	1.59	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-50-8	Copper	17.7	N	1	0.23	1.06	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7439-89-6	Iron	15700		1	4.22	5.29	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7439-92-1	Lead	44.5		1	0.14	0.64	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7439-95-4	Magnesium	3840		1	12.7	106	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7439-96-5	Manganese	190	*	1	0.15	1.06	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7439-97-6	Mercury	0.24		1	0.0090	0.016	mg/Kg	05/15/25 08:55	05/15/25 13:40	7471B	
7440-02-0	Nickel	15.9		1	0.14	2.12	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-09-7	Potassium	864		1	29.3	106	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7782-49-2	Selenium	1.16	N	1	0.28	1.06	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-22-4	Silver	0.53	UN	1	0.13	0.53	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-23-5	Sodium	424	N	1	18.8	106	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-28-0	Thallium	0.67	J	1	0.24	2.12	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-62-2	Vanadium	18.0		1	0.27	2.12	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050
7440-66-6	Zinc	49.9	N	1	0.24	2.12	mg/Kg	05/15/25 10:10	05/16/25 15:51	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Full Waste Classification			

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