

Report of Analysis

Client:	PSEG	Date Collected:	05/07/25
Project:	Waverly Substation	Date Received:	05/07/25
Client Sample ID:	OILY-PADS	SDG No.:	Q1974
Lab Sample ID:	Q1974-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	335		1	0.76	4.50	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-36-0	Antimony	2.55	N	1	0.20	2.25	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-38-2	Arsenic	0.24	J	1	0.17	0.90	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-39-3	Barium	10.6		1	0.66	4.50	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-41-7	Beryllium	0.027	J*	1	0.023	0.27	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-43-9	Cadmium	0.057	J	1	0.022	0.27	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-70-2	Calcium	473		1	10.0	90.1	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-47-3	Chromium	2.64	N*	1	0.042	0.45	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-48-4	Cobalt	0.58	J	1	0.090	1.35	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-50-8	Copper	60.2		1	0.20	0.90	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7439-89-6	Iron	1320		1	3.59	4.50	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7439-92-1	Lead	44.0		1	0.12	0.54	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7439-95-4	Magnesium	199		1	10.8	90.1	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7439-96-5	Manganese	11.6		1	0.13	0.90	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7439-97-6	Mercury	0.013	U	1	0.0070	0.013	mg/Kg	05/08/25 09:59	05/08/25 10:59	7471B	
7440-02-0	Nickel	2.42		1	0.12	1.80	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-09-7	Potassium	74.9	JN	1	25.0	90.1	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7782-49-2	Selenium	0.90	UN	1	0.23	0.90	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-22-4	Silver	0.45	U	1	0.11	0.45	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-23-5	Sodium	162		1	16.0	90.1	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-28-0	Thallium	1.80	U	1	0.21	1.80	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-62-2	Vanadium	1.50	JN	1	0.23	1.80	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050
7440-66-6	Zinc	84.1		1	0.21	1.80	mg/Kg	05/08/25 10:25	05/09/25 18:33	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

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