

Report of Analysis

Client:	PSEG	Date Collected:	05/07/25
Project:	Waverly Substation	Date Received:	05/07/25
Client Sample ID:	OILY-DEBRIS-COMP	SDG No.:	Q1974
Lab Sample ID:	Q1974-01	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	6390		1	0.98	5.81	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-36-0	Antimony	2.90	UN	1	0.26	2.90	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-38-2	Arsenic	2.60		1	0.22	1.16	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-39-3	Barium	14.9		1	0.85	5.81	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-41-7	Beryllium	1.14	*	1	0.029	0.35	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-43-9	Cadmium	0.35	U	1	0.028	0.35	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-70-2	Calcium	4500		1	12.9	116	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-47-3	Chromium	15.2	N*	1	0.055	0.58	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-48-4	Cobalt	9.03		1	0.12	1.74	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-50-8	Copper	25.4		1	0.26	1.16	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7439-89-6	Iron	12100		1	4.63	5.81	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7439-92-1	Lead	6.23		1	0.15	0.70	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7439-95-4	Magnesium	5180		1	13.9	116	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7439-96-5	Manganese	94.6		1	0.16	1.16	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7439-97-6	Mercury	0.016	U	1	0.0090	0.016	mg/Kg	05/08/25 09:59	05/08/25 10:57	7471B	
7440-02-0	Nickel	12.4		1	0.15	2.32	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-09-7	Potassium	655	N	1	32.2	116	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7782-49-2	Selenium	1.16	UN	1	0.30	1.16	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-22-4	Silver	0.58	U	1	0.14	0.58	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-23-5	Sodium	19800		1	20.7	116	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-28-0	Thallium	2.32	U	1	0.27	2.32	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-62-2	Vanadium	39.6	N	1	0.29	2.32	mg/Kg	05/08/25 10:25	05/09/25 18:28	6010D	SW3050
7440-66-6	Zinc	55.6		1	0.27	2.32	mg/Kg	05/08/25 10:25	05/09/25 18:28	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