

Report of Analysis

Client:	PSEG	Date Collected:	01/15/25
Project:	Metuchen Switch	Date Received:	01/15/25
Client Sample ID:	OILY-STONE-COMP	SDG No.:	Q1098
Lab Sample ID:	Q1098-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8370		1	2.18	4.51	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-36-0	Antimony	0.86	JN	1	0.14	2.26	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-38-2	Arsenic	3.41		1	0.26	0.90	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-39-3	Barium	35.5	N	1	0.58	4.51	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-41-7	Beryllium	0.38	N	1	0.011	0.27	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-43-9	Cadmium	0.11	J	1	0.014	0.27	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-70-2	Calcium	4210		1	2.53	90.3	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-47-3	Chromium	30.5		1	0.049	0.45	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-48-4	Cobalt	10.1		1	0.052	1.35	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-50-8	Copper	63.1		1	0.42	0.90	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7439-89-6	Iron	15100		1	2.43	4.51	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7439-92-1	Lead	47.2	N	1	0.14	0.54	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7439-95-4	Magnesium	4690		1	3.10	90.3	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7439-96-5	Manganese	203		1	0.064	0.90	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7439-97-6	Mercury	0.0090	J	1	0.0060	0.013	mg/Kg	01/17/25 08:09	01/17/25 09:29	SW7471B	
7440-02-0	Nickel	20.8		1	0.081	1.81	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-09-7	Potassium	754		1	25.9	90.3	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7782-49-2	Selenium	0.30	UN	1	0.30	0.90	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-22-4	Silver	0.047	U	1	0.047	0.45	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-23-5	Sodium	718		1	32.6	90.3	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	1.81	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-62-2	Vanadium	31.8	N	1	0.24	1.81	mg/Kg	01/16/25 09:10	01/17/25 16:49	SW6010	SW3050
7440-66-6	Zinc	117		1	0.099	1.81	mg/Kg	01/16/25 09:10	01/17/25 16:49	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