

Report of Analysis

Client:	PSEG	Date Collected:	01/21/25
Project:	Jackson Road Substation M-2239 Oil Flushouts	Date Received:	01/21/25
Client Sample ID:	FRAC-TANK-F06078	SDG No.:	Q1140
Lab Sample ID:	Q1140-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4350		1	28.3	50.0	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-36-0	Antimony	13.2	J	1	2.06	25.0	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-38-2	Arsenic	10.0	U	1	3.48	10.0	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-39-3	Barium	70.2		1	6.28	50.0	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-41-7	Beryllium	0.61	J	1	0.13	3.00	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-43-9	Cadmium	3.00	U	1	0.094	3.00	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-70-2	Calcium	35600		1	33.0	1000	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-47-3	Chromium	55.6		1	0.66	5.00	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-48-4	Cobalt	20.2		1	0.50	15.0	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-50-8	Copper	293	N	1	7.07	10.0	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7439-89-6	Iron	38200		1	18.5	50.0	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7439-92-1	Lead	158		1	3.51	6.00	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7439-95-4	Magnesium	7380		1	39.4	1000	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7439-96-5	Manganese	402		1	1.46	10.0	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7439-97-6	Mercury	0.22		1	0.081	0.20	ug/L	01/23/25 09:55	01/23/25 10:49	SW7470A	
7439-98-7	Molybdenum	16.9	J	1	3.67	100	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-02-0	Nickel	122		1	0.85	20.0	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-09-7	Potassium	16100		1	685	1000	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7782-49-2	Selenium	10.0	U	1	5.88	10.0	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-22-4	Silver	1.42	J	1	0.58	5.00	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-23-5	Sodium	214000		1	237	1000	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-28-0	Thallium	20.0	U	1	2.32	20.0	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-62-2	Vanadium	32.2		1	3.06	20.0	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010
7440-66-6	Zinc	500		1	1.75	20.0	ug/L	01/22/25 09:50	01/22/25 16:33	SW6010	SW3010

Color Before:	Light brown	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Full Aqueous WC-POTW			

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