

## Report of Analysis

Client:	PSEG	Date Collected:	01/21/25 09:42
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
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	0.10	U	1	0.045	0.10	mg/L	01/23/25 09:10	01/23/25 12:45	SM 4500-NH3 B plus G-11
Orthophosphate as P	0.56	J	1	0.079	1.00	mg/L		01/21/25 13:34	300.0
BOD5	10.4		1	0.17	2.00	mg/L		01/22/25 17:10	SM 5210 B-16
COD	127		1	2.35	10.0	mg/L		01/22/25 13:40	SM 5220 D-11
Flash Point	>212		1	0	0	o F		01/23/25 12:40	1010B
Dissolved Hexavalent Chromium	0.010	U	1	0.0020	0.010	mg/L		01/21/25 12:59	SM 3500-Cr B-11
pH	8.26	H	1	0	0	pH		01/23/25 14:49	9040C
Reactive Cyanide	0.0050	U	1	0.00099	0.0050	mg/L	01/22/25 14:00	01/23/25 10:12	9012B
Reactive Sulfide	1.00	U	1	0.43	1.00	mg/L	01/22/25 14:00	01/23/25 09:08	9034
TKN	0.50	U	1	0.18	0.50	mg/L	01/23/25 09:20	01/23/25 15:07	SM4500-N Org C-11 plus NH3 B plus G-11
TOC	8.60		1	0.19	1.00	mg/L		01/23/25 12:02	9060A
TPH	41.0		1	0.40	5.00	mg/L		01/23/25 10:00	1664A
TS	1080		1	1.00	5.00	mg/L		01/21/25 11:00	SM 2540 B-15
TSS	68.2		1	1.00	4.00	mg/L		01/22/25 16:40	SM 2540 D-15
TVS	183		1	1.00	10.0	mg/L		01/21/25 15:30	SM2540G

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

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

H = Sample Analysis Out Of Hold Time

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