

Report of Analysis

Client:	PSEG	Date Collected:	12/05/24 13:30
Project:	New Dover Substation	Date Received:	12/05/24
Client Sample ID:	286085	SDG No.:	P5145
Lab Sample ID:	P5145-01	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	12/09/24 08:50	12/09/24 14:27	SM 4500-NH3 B plus G-11
Orthophosphate as P	1.00	U	1	0.079	1.00	mg/L		12/06/24 12:07	300.0
BOD5	22.4		1	0.17	2.00	mg/L		12/05/24 17:40	SM 5210 B-16
COD	538	D	5	11.8	50.0	mg/L		12/09/24 14:26	SM 5220 D-11
Flash Point	>212		1	0	0	o F		12/09/24 13:20	1010B
Dissolved Hexavalent Chromium	0.010	U	1	0.0020	0.010	mg/L		12/05/24 18:04	SM 3500-Cr B-11
pH	7.17	H	1	0	0	pH		12/06/24 09:10	9040C
Reactive Cyanide	0.0050	U	1	0.00099	0.0050	mg/L	12/09/24 09:00	12/09/24 11:52	9012B
Reactive Sulfide	0.48	J	1	0.43	1.00	mg/L	12/06/24 08:50	12/06/24 14:00	9034
TKN	0.71		1	0.18	0.50	mg/L	12/09/24 09:20	12/09/24 16:29	SM4500-N Org C-11 plus NH3 B plus G-11
TOC	48.7	D	10	1.90	10.0	mg/L		12/05/24 17:58	9060A
TPH	18.3		1	0.40	5.00	mg/L		12/07/24 09:30	1664A
TS	905		1	1.00	5.00	mg/L		12/06/24 11:00	SM 2540 B-15
TSS	760		1	1.00	4.00	mg/L		12/09/24 11:00	SM 2540 D-15
TVS	448		1	1.00	10.0	mg/L		12/06/24 15:45	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