

Report of Analysis

Client:	PSEG	Date Collected:	08/22/25 09:40
Project:	Waldwick Substation	Date Received:	08/22/25
Client Sample ID:	COMP(1-6)	SDG No.:	Q2940
Lab Sample ID:	Q2940-01	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	0.030	0.10	mg/L	08/26/25 14:15	08/27/25 09:22	SM 4500-NH3 B plus G-21
Orthophosphate as P	3.70		1	0.34	1.00	mg/L		08/22/25 13:55	300.0
BOD5	25.0		1	0.20	2.00	mg/L		08/22/25 15:00	SM 5210 B-16
COD	38.8		1	1.50	10.0	mg/L		08/26/25 11:23	SM 5220 D-11
Flash Point	>212		1	0	0	o F		08/25/25 11:30	1010B
Dissolved Hexavalent Chromium	0.010	U	1	0.0030	0.010	mg/L		08/22/25 16:08	SM 3500-Cr B-20
pH	8.54	H	1	0	0	pH		08/22/25 16:00	9040C
Reactive Cyanide	0.0050	U	1	0.00096	0.0050	mg/L	08/25/25 14:30	08/25/25 16:38	9012B
Reactive Sulfide	1.00	U	1	0.43	1.00	mg/L	08/26/25 08:35	08/26/25 11:33	9034
TKN	0.27	J	1	0.11	0.50	mg/L	08/26/25 09:05	08/27/25 11:09	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	13.7		1	0.40	1.00	mg/L		08/26/25 12:49	9060A
TPH	0.40	J	1	0.29	5.00	mg/L		08/25/25 09:35	1664A
TS	1310		1	1.00	5.00	mg/L		08/22/25 11:00	SM 2540 B-20
TSS	80.3		1	1.00	4.00	mg/L		08/26/25 13:00	SM 2540 D-20
TVS	530		1	1.00	10.0	mg/L		08/22/25 16:00	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