

Report of Analysis

Client: PSEG
Project: PSEG Waldwick Substation
Client Sample ID: MW-17-PURGE-WATER
Lab Sample ID: Q3537-03

Date Collected: 11/04/25 12:02
Date Received: 11/04/25
SDG No.: Q3537
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	0.039	J	1	0.030	0.10	mg/L	11/06/25 08:40	11/06/25 12:59	SM 4500-NH3 B plus G-21
Orthophosphate as P	1.00	U	1	0.34	1.00	mg/L		11/05/25 11:16	300.0
COD	10.0	U	1	1.50	10.0	mg/L		11/07/25 13:12	SM 5220 D-11
Flash Point	>212		1	0	0	o F		11/06/25 10:35	1010B
Dissolved Hexavalent Chromium	0.010	U	1	0.0030	0.010	mg/L		11/04/25 17:18	SM 3500-Cr B-20
pH	6.80	H	1	0	0	pH		11/05/25 11:00	9040C
Reactive Cyanide	0.0050	U	1	0.00096	0.0050	mg/L	11/05/25 13:30	11/06/25 10:41	9012B
Reactive Sulfide	1.00	U	1	0.43	1.00	mg/L	11/05/25 13:10	11/06/25 09:23	9034
TKN	0.25	J	1	0.11	0.50	mg/L	11/06/25 09:10	11/06/25 15:53	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	1.70		1	0.40	1.00	mg/L		11/05/25 13:37	9060A
TPH	0.60	J	1	0.29	5.00	mg/L		11/05/25 14:38	1664A
TS	168		1	1.00	5.00	mg/L		11/05/25 11:00	SM 2540 B-20
TSS	6.80		1	1.00	4.00	mg/L		11/05/25 10:30	SM 2540 D-20
TVS	41.0		1	1.00	10.0	mg/L		11/05/25 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