

Report of Analysis

Client:	PSEG	Date Collected:	03/05/25 10:47
Project:	Waldwick Substation	Date Received:	03/05/25
Client Sample ID:	PURGE-WATER	SDG No.:	Q1494
Lab Sample ID:	Q1494-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	0.24		1	0.045	0.10	mg/L	03/05/25 14:15	03/06/25 10:09	SM 4500-NH3 B plus G-11
Orthophosphate as P	1.00	U	1	0.079	1.00	mg/L		03/06/25 10:51	300.0
BOD5	5.64		1	0.17	2.00	mg/L		03/07/25 10:30	SM 5210 B-16
COD	3.79	J	1	2.35	10.0	mg/L		03/06/25 14:03	SM 5220 D-11
Flash Point	>212		1	0	0	o F		03/06/25 11:45	1010B
Dissolved Hexavalent Chromium	0.010	U	1	0.0020	0.010	mg/L		03/05/25 16:44	SM 3500-Cr B-11
pH	7.01	H	1	0	0	pH		03/06/25 08:33	9040C
Reactive Cyanide	0.0012	J	1	0.00099	0.0050	mg/L	03/10/25 13:30	03/10/25 15:44	9012B
Reactive Sulfide	1.00	U	1	0.43	1.00	mg/L	03/05/25 15:50	03/06/25 09:23	9034
TKN	0.76		1	0.18	0.50	mg/L	03/06/25 08:50	03/06/25 14:30	SM4500-N Org C-11 plus NH3 B plus G-11
TOC	2.40		1	0.19	1.00	mg/L		03/06/25 12:09	9060A
TPH	0.90	J	1	0.40	5.00	mg/L		03/07/25 10:00	1664A
TS	422		1	1.00	5.00	mg/L		03/06/25 12:00	SM 2540 B-15
TSS	91.3		1	1.00	4.00	mg/L		03/06/25 10:00	SM 2540 D-15
TVS	93.0		1	1.00	10.0	mg/L		03/06/25 16:40	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