

Report of Analysis

Client:	PSEG	Date Collected:	06/20/25 08:50
Project:	Row Watchung Bridge Replacement	Date Received:	06/20/25
Client Sample ID:	A5311	SDG No.:	Q2385
Lab Sample ID:	Q2385-01	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	06/23/25 08:50	06/24/25 10:01	SM 4500-NH3 B plus G-21
Orthophosphate as P	1.00	U	1	0.34	1.00	mg/L		06/20/25 15:37	300.0
BOD5	2.00	U	1	0.20	2.00	mg/L		06/20/25 16:10	SM 5210 B-16
COD	3.23	J	1	1.50	10.0	mg/L		06/23/25 15:22	SM 5220 D-11
Flash Point	>212		1	0	0	o F		06/23/25 10:45	1010B
Dissolved Hexavalent Chromium	0.010	U	1	0.0030	0.010	mg/L		06/20/25 16:16	SM 3500-Cr B-20
pH	7.27	H	1	0	0	pH		06/23/25 08:45	9040C
Reactive Cyanide	0.0050	U	1	0.00096	0.0050	mg/L	06/23/25 09:10	06/23/25 12:08	9012B
Reactive Sulfide	1.00	U	1	0.43	1.00	mg/L	06/24/25 11:30	06/24/25 14:28	9034
TKN	0.36	J	1	0.11	0.50	mg/L	06/23/25 09:40	06/24/25 12:57	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	10.1		1	0.40	1.00	mg/L		06/23/25 13:04	9060A
TPH	0.40	J	1	0.29	5.00	mg/L		06/24/25 09:15	1664A
TS	337		1	1.00	5.00	mg/L		06/20/25 11:00	SM 2540 B-20
TSS	1.90	J	1	1.00	4.00	mg/L		06/24/25 09:30	SM 2540 D-20
TVS	150		1	1.00	10.0	mg/L		06/20/25 17:00	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