

Report of Analysis

Client:	PSEG	Date Collected:	09/18/25 10:28
Project:	Kearny - Manhole	Date Received:	09/18/25
Client Sample ID:	MH-121	SDG No.:	Q3135
Lab Sample ID:	Q3135-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	0.32		1	0.030	0.10	mg/L	09/22/25 09:00	09/22/25 12:53	SM 4500-NH3 B plus G-21
Orthophosphate as P	1.00	U	1	0.34	1.00	mg/L		09/19/25 10:26	300.0
BOD5	44.5		1	0.20	2.00	mg/L		09/19/25 17:00	SM 5210 B-16
COD	165	D	5	7.50	50.0	mg/L		09/22/25 14:29	SM 5220 D-11
Flash Point	>212		1	0	0	o F		09/22/25 15:20	1010B
Dissolved Hexavalent Chromium	0.010	U	1	0.0030	0.010	mg/L		09/18/25 17:22	SM 3500-Cr B-20
pH	7.29	H	1	0	0	pH		09/19/25 10:19	9040C
Reactive Cyanide	0.0012	J	1	0.00096	0.0050	mg/L	09/19/25 09:00	09/19/25 12:22	9012B
Reactive Sulfide	1.00	U	1	0.43	1.00	mg/L	09/22/25 14:35	09/22/25 16:23	9034
TKN	4.40		1	0.11	0.50	mg/L	09/22/25 09:25	09/22/25 14:51	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	4.00		1	0.40	1.00	mg/L		09/19/25 11:43	9060A
TPH	1.80	J	1	0.29	5.00	mg/L		09/22/25 09:45	1664A
TS	12300		1	1.00	5.00	mg/L		09/19/25 11:00	SM 2540 B-20
TSS	2560		1	1.00	4.00	mg/L		09/19/25 16:00	SM 2540 D-20
TVS	1070		1	1.00	10.0	mg/L		09/19/25 15:40	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