

Report of Analysis

Client:	PSEG	Date Collected:	05/21/25 10:10
Project:	Lawrenceville HQ	Date Received:	05/21/25
Client Sample ID:	LAW-25-0078	SDG No.:	Q2102
Lab Sample ID:	Q2102-03	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	05/21/25 13:25	05/22/25 12:11	SM 4500-NH3 B plus G-11
Orthophosphate as P	1.00	U	1	0.34	1.00	mg/L		05/21/25 13:30	300.0
BOD5	79.0		1	0.20	2.00	mg/L		05/22/25 08:50	SM 5210 B-16
COD	243	D	5	7.50	50.0	mg/L		05/22/25 13:15	SM 5220 D-11
Flash Point	>212		1	0	0	o F		05/23/25 10:40	1010B
Dissolved Hexavalent Chromium	0.010	U	1	0.0030	0.010	mg/L		05/21/25 14:07	7196A
pH	6.29	H	1	0	0	pH		05/22/25 10:40	9040C
Reactive Cyanide	0.0013	J	1	0.00096	0.0050	mg/L	05/22/25 12:00	05/23/25 11:57	9012B
Reactive Sulfide	1.00	U	1	0.43	1.00	mg/L	05/22/25 12:00	05/22/25 14:45	9034
TKN	2.80		1	0.11	0.50	mg/L	05/22/25 08:50	05/22/25 15:50	SM4500-N Org C-11 plus NH3 B plus G-11
TOC	67.2	D	4	1.60	4.00	mg/L		05/21/25 15:20	9060A
TPH	70.3		1	0.29	5.00	mg/L		05/22/25 09:45	1664A
TS	65.0		1	1.00	5.00	mg/L		05/21/25 12:00	SM 2540 B-15
TSS	138		1	1.00	4.00	mg/L		05/23/25 10:30	SM 2540 D-15
TVS	51.0		1	1.00	10.0	mg/L		05/21/25 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