

## Report of Analysis

Client:	PSEG	Date Collected:	08/27/25 08:30
Project:	Locust Street 69kV Breaker	Date Received:	08/27/25
Client Sample ID:	GROUNDWATER	SDG No.:	Q2971
Lab Sample ID:	Q2971-37	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	08/28/25 09:30	08/29/25 13:22	SM 4500-NH3 B plus G-21
Orthophosphate as P	1.00	U	1	0.34	1.00	mg/L		08/28/25 10:56	300.0
BOD5	2.00	U	1	0.20	2.00	mg/L		08/28/25 16:30	SM 5210 B-16
COD	10.3		1	1.50	10.0	mg/L		08/28/25 11:22	SM 5220 D-11
Flash Point	>212		1	0	0	o F		08/29/25 12:30	1010B
Dissolved Hexavalent Chromium	0.010	U	1	0.0030	0.010	mg/L		08/27/25 17:47	SM 3500-Cr B-20
pH	6.03	H	1	0	0	pH		08/28/25 08:25	9040C
Reactive Cyanide	0.0050	U	1	0.00096	0.0050	mg/L	08/28/25 15:20	08/29/25 11:13	9012B
Reactive Sulfide	1.00	U	1	0.43	1.00	mg/L	08/28/25 15:30	08/29/25 10:06	9034
TKN	0.66		1	0.11	0.50	mg/L	08/28/25 10:00	08/29/25 14:50	SM4500-N Org C-21 plus NH3 B plus G-21
TOC	4.00		1	0.40	1.00	mg/L		08/28/25 11:47	9060A
TPH	2.50	J	1	0.29	5.00	mg/L		08/28/25 09:00	1664A
TS	3960		1	1.00	5.00	mg/L		08/28/25 09:00	SM 2540 B-20
TSS	1840		1	1.00	4.00	mg/L		08/29/25 10:00	SM 2540 D-20
TVS	493		1	1.00	10.0	mg/L		08/28/25 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