

Report of Analysis

Client:	PSEG	Date Collected:	05/16/25 09:30
Project:	Plank Road Substation	Date Received:	05/16/25
Client Sample ID:	VACTRUCK-728068	SDG No.:	Q2065
Lab Sample ID:	Q2065-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	0.031	J	1	0.030	0.10	mg/L	05/19/25 09:00	05/19/25 12:39	SM 4500-NH3 B plus G-11
Orthophosphate as P	1.00	U	1	0.34	1.00	mg/L		05/16/25 15:12	300.0
BOD5	426		1	0.20	2.00	mg/L		05/16/25 16:40	SM 5210 B-16
COD	765	D	10	15.0	100	mg/L		05/20/25 12:56	SM 5220 D-11
Flash Point	>212		1	0	0	o F		05/19/25 14:00	1010B
Dissolved Hexavalent Chromium	0.010	U	1	0.0030	0.010	mg/L		05/16/25 17:08	SM 3500-Cr B-11
pH	7.00	H	1	0	0	pH		05/19/25 08:45	9040C
Reactive Cyanide	0.0050	U	1	0.00096	0.0050	mg/L	05/19/25 15:30	05/20/25 13:56	9012B
Reactive Sulfide	0.48	J	1	0.43	1.00	mg/L	05/19/25 15:30	05/20/25 09:03	9034
TKN	4.00		1	0.11	0.50	mg/L	05/19/25 09:20	05/19/25 15:39	SM4500-N Org C-11 plus NH3 B plus G-11
TOC	45.4	D	10	4.00	10.0	mg/L		05/19/25 14:56	9060A
TPH	389		1	0.29	5.00	mg/L		05/20/25 10:00	1664A
TS	13100		1	1.00	5.00	mg/L		05/16/25 12:00	SM 2540 B-15
TSS	13100		1	1.00	4.00	mg/L		05/21/25 10:30	SM 2540 D-15
TVS	4040		1	1.00	10.0	mg/L		05/16/25 17:30	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