

Report of Analysis

Client: ATG-GREENVILLE AEC
Project: AEC-2025-0013
Client Sample ID: SW-1
Lab Sample ID: Q3442-01

Date Collected: 10/18/25 15:00
Date Received: 10/23/25
SDG No.: Q3442
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.074	HU	1	0.074	0.60	mg/L		10/24/25 14:24	300.0
Nitrate	0.095	HU	1	0.095	0.50	mg/L		10/24/25 14:24	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		10/24/25 14:24	300.0
BOD5	3.20	H	1	0.20	2.00	mg/L		10/24/25 15:40	SM 5210 B-16
COD	10.7		1	1.50	10.0	mg/L		10/24/25 16:24	SM 5220 D-11
Oil and Grease	1.60	J	1	0.29	5.00	mg/L		11/07/25 10:30	1664A
pH	5.54	H	1	0	0	pH		10/27/25 08:35	9040C
Phosphorus, Total	0.025	J	1	0.0050	0.050	mg/L	10/31/25 10:00	10/31/25 13:37	365.3
TKN	0.22	J	1	0.11	0.50	mg/L	10/29/25 08:50	10/29/25 14:26	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	0.31	U	1	0.31	1.30	mg/L		10/29/25 14:26	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	49.2		1	1.00	4.00	mg/L		10/24/25 12:30	SM 2540 D-20

Comments: pH result reported at temperature 20.6 °C

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