

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	06/10/25 08:42
Project:	AEC-2025-0013- CSC 4015 Stratford	Date Received:	06/11/25
Client Sample ID:	Outfall 1	SDG No.:	Q2290
Lab Sample ID:	Q2290-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.074	U	1	0.074	0.60	mg/L		06/11/25 09:47	300.0
Nitrate	0.87		1	0.095	0.50	mg/L		06/11/25 09:47	300.0
Nitrate+Nitrite	0.87	J	1	0.17	1.10	mg/L		06/11/25 09:47	300.0
COD	78.4		1	1.50	10.0	mg/L		06/12/25 14:20	SM 5220 D-11
Oil and Grease	0.80	J	1	0.29	5.00	mg/L		06/17/25 09:30	1664A
pH	6.92	H	1	0	0	pH		06/12/25 09:00	9040C
Phosphorus, Total	0.097		1	0.0050	0.050	mg/L	06/13/25 09:45	06/13/25 13:25	365.3
TKN	1.00		1	0.11	0.50	mg/L	06/12/25 08:50	06/16/25 15:53	SM4500-N Org C-11 plus NH3 B plus G-11
TSS	35.6		1	1.00	4.00	mg/L		06/13/25 10:00	SM 2540 D-15

Comments: pH result reported at temperature 20.5 °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