

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	06/10/25 10:50
Project:	AEC-2025-0013- CSC 4019 Waterbury	Date Received:	06/11/25
Client Sample ID:	SP-1	SDG No.:	Q2289
Lab Sample ID:	Q2289-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.084	J	1	0.074	0.60	mg/L		06/11/25 08:43	300.0
Nitrate	0.55		1	0.095	0.50	mg/L		06/11/25 08:43	300.0
Nitrate+Nitrite	0.63	J	1	0.17	1.10	mg/L		06/11/25 08:43	300.0
COD	229	D	5	7.50	50.0	mg/L		06/12/25 14:18	SM 5220 D-11
Oil and Grease	5.70		1	0.29	5.00	mg/L		06/17/25 09:30	1664A
pH	7.59	H	1	0	0	pH		06/12/25 08:40	9040C
Phosphorus, Total	0.046	J	1	0.0050	0.050	mg/L	06/13/25 09:45	06/13/25 13:22	365.3
TKN	2.50		1	0.11	0.50	mg/L	06/12/25 08:50	06/16/25 15:42	SM4500-N Org C-11 plus NH3 B plus G-11
TSS	600		1	1.00	4.00	mg/L		06/13/25 10:00	SM 2540 D-15

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