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CASE NARRATIVE

ATG-GREENVILLE AEC

Project Name: AEC-2025-0013- CSC 4019 Waterbury

Project # N/A

Order ID # Q2289

Test Name: Metals ICP-Group1

A. Number of Samples and Date of Receipt:

3 Water samples were received on 06/11/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Anions Group1, COD, Metals ICP-Group1, Oil and Grease, pH, Phosphorus-Total, TKN and TSS. This data package contains results for Metals ICP-Group1.

C. Analytical Techniques:

The analysis of Metals ICP-Group1 was based on method 6020B and digestion based on method 3010 (waters).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____