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CASE NARRATIVE

EA Engineering Science & Technology

Project Name: Scotia, NY - Annual Testing

Project # N/A

Chemtech Project # P4873

Test Name: Alkalinity, TOC, Anions Group1

A. Number of Samples and Date of Receipt:

9 Water samples were received on 11/15/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Alkalinity, Anions Group1, Gases, TOC and VOC-TCLVOA-10. This data package contains results for Alkalinity, TOC, Anions Group1.

C. Analytical Techniques:

The analysis of Anions Group1 was based on method 9056A, The analysis of TOC was based on method 9060A and The analysis of Alkalinity was based on method SM2320 B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

Sample FSND-MW-30-20241114 was diluted due to high concentrations for Chloride.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike (FSND-MW-EVAL-04D-20241113MS) analysis met criteria for all samples except for Chloride due to Matrix interference. The Matrix Spike (FSND-MW-30-20241114MS) analysis met criteria for all samples except for Chloride due to Matrix interference.

The Matrix Spike Duplicate (FSND-MW-EVAL-04D-20241113MSD) analysis met criteria for all samples except for Chloride due to matrix interference. The Matrix Spike Duplicate (FSND-MW-30-20241114MSD) analysis met criteria for all samples except for Chloride due to matrix interference.

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

The Calibration met the requirements.

E. Additional Comments:



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_____