# CASE NARRATIVE

**EA Engineering Science & Technology**
**Project Name: Scotia, NY - Annual Testing**
**Project # N/A**
**Chemtech Project # P4846**
**Test Name: Alkalinity,TOC,Anions Group1**

## A. Number of Samples and Date of Receipt:
17 Water samples were received on 11/14/2024.

## B. Parameters:
According to the Chain of Custody document, the following analyses were requested:
Alkalinity, Anions Group1, Dissolved Metals Group5, Gases, Metals Group3, 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-EVAL-03D-20241113 was diluted due to high concentrations for
Chloride & Sample FSND-MW-EVAL-03S-20241113 was diluted due to high
concentrations for Chloride & Sample FSND-FD-3-20241113 was diluted due to high
concentrations for Chloride & Sample FSND-MW-EVAL-04S-20241113 was diluted due
to high concentrations for Chloride & Sample FSND-MW-EVAL-04D-20241113 was
diluted due to high concentrations for Chloride & Sample FSND-MW-26-20241113 was
diluted due to high concentrations for Chloride & Sample FSND-MW-24-20241113 was
diluted due to high concentrations for Chloride & Sample FSND-MW-15-20241113 was
diluted due to high concentrations for Chloride & Sample FSND-MW-EVAL-02D-
20241113 was diluted due to high concentrations for Chloride & Sample FSND-MW-
EVAL-02S-20241113 was diluted due to high concentrations for Chloride & Sample
FSND-FD-4-20241113 was diluted due to high concentrations for Chloride & Sample
FSND-MW-EVAL-01D-20241113 was diluted due to high concentrations for Chloride &
Sample FSND-MW-EVAL-01S-20241113 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 sample matrix interference. The Matrix Spike (FSND-
MW-30-20241114MS) analysis met criteria for all samples except for Chloride due to
sample matrix interference.

The Matrix Spike Duplicate (FSND-MW-EVAL-04D-20241113MSD) analysis met criteria for all samples except for Chloride due to sample matrix interference. The Matrix Spike Duplicate (FSND-MW-30-20241114MSD) analysis met criteria for all samples except for Chloride due to sample matrix interference.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

**E. Additional Comments:**

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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_____