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CASE NARRATIVE

Tetra Tech NUS, Inc.

Project Name: NWIRP Bethpage 112G08005-WE13

Project Manager: Ernie Wu

Chemtech Project # Q1120

Test Name: Anions Group2,Cyanide,TOC,Ammonia,COD,BOD5,Sulfide

A. Number of Samples and Date of Receipt:

1 Water sample was received on 01/16/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group2, Anions Group3, BOD5, Bromide, Chloride, COD, Cyanide, Fluoride, Nitrate, Nitrite, Phosphorus-Ortho, Sulfate, Sulfide and TOC. This data package contains results for Anions Group2,Cyanide,TOC,Ammonia,COD,BOD5,Sulfide.

C. Analytical Techniques:

The analysis of Anions Group2 was based on method 300.0, The analysis of Sulfide was based on method 9034, The analysis of TOC was based on method 9060A, The analysis of Cyanide was based on method SM4500-CN C,E, The analysis of Ammonia was based on method SM4500-NH3, The analysis of BOD5 was based on method SM5210 B and The analysis of COD was based on method SM5220 D.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

Sample RW10A-20250116 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 (RW10A-20250116MS) analysis met criteria for all samples except for Chloride due to matrix interference.

The Matrix Spike Duplicate (DSN002MSD) analysis met criteria for all samples except for Ammonia due to matrix interference.

The Matrix Spike Duplicate (RW10A-20250116MSD) 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:

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is).

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_____