



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Spectra East Inc.

Project Name: Outfall 001 - Orangetown Dis Permit 2025

Project # N/A

Chemtech Project # Q1322

Test Name: Oil and Grease, Cyanide, Field pH, Phenolics, Cyanide-Amenable, Ammonia, COD, Field Temperature, BOD5, TSS, Anions Group1

A. Number of Samples and Date of Receipt:

4 Water samples were received on 02/06/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, BOD5, COD, Cyanide, Cyanide-Amenable, Field pH, Field Temperature, Mercury, Metals Group1, Metals ICP-Group1, Oil and Grease, PCB, PESTICIDE Group1, Phenolics, SVOCMS Group1, TSS and VOCMS Group1. This data package contains results for Oil and Grease, Cyanide, Field pH, Phenolics, Cyanide-Amenable, Ammonia, COD, Field Temperature, BOD5, TSS, Anions Group1.

C. Analytical Techniques:

The analysis of Oil and Grease was based on method 1664A, The analysis of Anions Group1 was based on method 300.0, The analysis of Phenolics was based on method 420.1, The analysis of Field pH was based on method 9045D, The analysis of TSS was based on method SM2540 D, The analysis of Field Temperature was based on method SM2550-B, The analysis of Cyanide-Amenable was based on method SM4500-CN B,G Cyanide-Amenable, 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.

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 (DSN002MSD) analysis met criteria for all samples except for Ammonia due to matrix interferences.

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_____