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CASE NARRATIVE

New York City DEP of Environmental Protection/BWS

Project Name: Industrial Wastewater Discharge Permit - Fall 2024

Project # N/A

Chemtech Project # P5051

Test Name: Hexavalent Chromium,Non-Polar Material,Cyanide,Field pH,Cyanide-Amenable,Field Temperature,TSS

A. Number of Samples and Date of Receipt:

7 Water samples were received on 12/02/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Cyanide, Cyanide-Amenable, Field pH, Field Temperature, Hexavalent Chromium, Mercury, Metals Group1, Metals ICP-Group1, Non-Polar Material, TSS and VOCMS Group1. This data package contains results for Hexavalent Chromium,Non-Polar Material,Cyanide,Field pH,Cyanide-Amenable,Field Temperature,TSS.

C. Analytical Techniques:

The analysis of Non-Polar Material was based on method 1664A, The analysis of TSS was based on method SM2540 D, The analysis of Field Temperature was based on method SM2550-B, The analysis of Hexavalent Chromium was based on method SM3500-Cr 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 and The analysis of Field pH was based on method SM4500-H B.

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.

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_____