CASE NARRATIVE

New York City DEP of Environmental Protection/BWS
Project Name: Industrial Wastewater Discharge Permit - Fall 2024
Project # N/A
Chemtech Project # P5018
Test Name: Metals ICP-Group1,Mercury

A. Number of Samples and Date of Receipt:
7 Water samples were received on 11/26/2024.

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 Metals ICP-Group1,Mercury.

C. Analytical Techniques:
The analysis and digestion of Metals ICP-Group1 was based on 200.7 and The analysis and digestion of Mercury was based on 245.1.

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 (14B-(1-4)-COMPMS) analysis met criteria for all samples except for Mercury due to matrix interference.
The Matrix Spike Duplicate (14B-(1-4)-COMPMSD) analysis met criteria for all samples except for Copper due to matrix interference.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution (14B-(1-4)-COMPL) met criteria for all samples except for Copper, Sodium due to unknown interference.

E. Additional Comments:
LLCCV & LLICV are not required for 200.7 method.

Samples were received on 11/26/2024, 13:50 and composited in the Lab on 11/26/2024, 14:20.

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_____