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CASE NARRATIVE

LiRo Engineers, Inc.

Project Name: Walter Gladwin Recreation Center, Bronx, NY

Project # N/A

Chemtech Project # P1747

Test Name: Dissolved ICP-TAL Metals, Dissolved Mercury, Mercury, Metals ICP-TAL, METALS-NYCD

A. Number of Samples and Date of Receipt:

10 Water samples were received on 03/13/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Anions Group1, CBOD5, Chloride, Dissolved ICP-TAL Metals, Dissolved Mercury, DISSOLVED METALS-TAL, Flash Point, Hexavalent Chromium, Mercury, Metals ICP-TAL, METALS-NYCD, METALS-TAL, Non-Polar Material, NYCD Discharge, PCB, Pesticide-TCL, Phenolics, SVOC-NYCD, SVOC-TCL BNA -20, TKN, Total Nitrogen, TS, TSS, VOC-NYCD and VOC-TCL VOA-10. This data package contains results for Dissolved ICP-TAL Metals, Dissolved Mercury, Mercury, Metals ICP-TAL, METALS-NYCD.

C. Analytical Techniques:

The analysis and digestion of METALS-NYCD was based on 200.7, The analysis and digestion of Mercury was based on 245.1, The analysis of Dissolved ICP-TAL Metals, Metals ICP-TAL was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of Dissolved Mercury, Mercury was based on method 7470A.

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.

The Serial Dilution met criteria for all samples except for Chromium, Copper, Iron, Lead, Magnesium, Potassium, Sodium and Zinc Due to sample matrix interference.

E. Additional Comments:

LLCCV & LLICV are not required for 200.7 method.



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_____