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CASE NARRATIVE

Walsh Construction Company II, LLC

Project Name: NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2

Project # N/A

Chemtech Project # P4722

Test Name: Metals ICP-TAL,Mercury

A. Number of Samples and Date of Receipt:

21 Solid samples were received on 11/05/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Ammonia, COD, Corrosivity, Cyanide, EPH_NF, Gasoline Range Organics, Herbicide, Hexavalent Chromium, Ignitability, Mercury, Metals ICP-TAL, METALS TAL+CN, Oil and Grease, Paint Filter, PCB, Pesticide-TCL, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SPLP BNA, SPLP Extraction, SPLP Herbicide, SPLP ICP Metals, SPLP Mercury, SPLP Pesticide, SPLP VOA, SPLP ZHE Ext, SVOC-TCL BNA - 20, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, Trivalent Chromium, TS, TVS and VOC-TCLVOA-10. This data package contains results for Metals ICP-TAL,Mercury.

C. Analytical Techniques:

The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

Sample WC-1(0-6) was diluted due to high concentrations for Iron.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike (JC-701-COMP-01MS) analysis met criteria for all samples except for Beryllium, Chromium, Copper, Potassium, Selenium, Vanadium due to matrix interferences.

The Matrix Spike Duplicate (JC-701-COMP-01MSD) analysis met criteria for all samples except for Beryllium, Chromium, Potassium, Selenium, Silver, Vanadium due to matrix interferences.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution (JC-701-COMP-01L) met criteria for all samples except for Aluminum, Barium, Calcium, Iron, Manganese, Zinc Due to due to due to matrix interferences.



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_____