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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: Hexavalent Chromium,TS,Oil and Grease,Corrosivity,Paint Filter,Cyanide,TVS,Ammonia,COD,Trivalent Chromium,Ignitability,Reactive Cyanide,Reactive Sulfide

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 Hexavalent Chromium,TS,Oil and Grease,Corrosivity,Paint Filter,Cyanide,TVS,Ammonia,COD,Trivalent Chromium,Ignitability,Reactive Cyanide,Reactive Sulfide.

C. Analytical Techniques:

The analysis of Ignitability was based on method 1030, The analysis of TVS was based on method 160.4, The analysis of Trivalent Chromium was based on method 6010D, The analysis of Hexavalent Chromium was based on method 7196A, The analysis of Cyanide,Reactive Cyanide was based on method 9012B, The analysis of Reactive Sulfide was based on method 9034, The analysis of Corrosivity was based on method 9045D, The analysis of Oil and Grease was based on method 9071B, The analysis of Paint Filter was based on method 9095B, The analysis of TS was based on method SM2540 B, The analysis of Ammonia was based on method SM4500-NH3 and The analysis of COD was based on method SM5220 D.

D. QA/ QC Samples:

The Holding Times were met for all samples except for WC-1(0-6) of Corrosivity & for WC-2(0-6) of Corrosivity & for WC-3(0-6) of Corrosivity due to sample receive out of hold.

The Blank Spike met requirements for all samples.



The Duplicate (WC-3(0-6)DUP) analysis met criteria for all samples except for Ammonia as N & The Duplicate (WC-3(0-6)DUP) analysis met criteria for all samples except for Reactive Cyanide Due to the results are below RL.

The Matrix Spike (WC-3(0-6)MS) analysis met criteria for all samples except for Oil and Grease due to matrix interferences.

The Matrix Spike Duplicate (WC-3(0-6)MSD) analysis met criteria for all samples except for Oil and Grease due to matrix interferences.

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

The Calibration met the requirements.

E. Additional Comments:

For COD, sample P4722-03 reported with straight 5X dilution due to the original sample was reading over range, only 5X has been reported.

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_____