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CASE NARRATIVE

JPCL Engineering
Project Name: NOHO RFI No. SC64025 NYC
Project # N/A
Order ID # Q2473
Test Name: Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
8 Solid samples were received on 07/01/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Corrosivity, Cyanide, Herbicide, Ignitability, Mercury, Metals ICP-Group1, Metals ICP-TAL, METALS-TAL, PCB, PESTICIDE Group1, Pesticide-TCL, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-Chemtech Full, SVOC-TCL BNA -20, TCLP Extraction, TCLP Mercury, TCLP Metal, TCLPMetals Group3, TPH, TPH GC, VOC-TCL and VOC-TCLVOA-10. This data package contains results for Mercury,Metals ICP-TAL.

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.
The Blank Spike met requirements for all compounds.
The Duplicate (TP-104MSD) analysis met criteria for all compounds except for Calcium due to sample matrix interference.
The Matrix Spike (TP-104MS) analysis met criteria for all compounds except for Antimony, Selenium, Silver, and Sodium due to Chemical Interference during Digestion Process.
The Matrix Spike Duplicate (TP-104MSD) analysis met criteria for all compounds except for Antimony, Selenium, Silver, and Sodium due to Chemical Interference during Digestion Process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:
The Post Digest Spike (TP-104A) analysis met criteria for all compounds except for Silver due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis , matrix has suppression effect during addition of spike.

In analytical sequence LB136390, The % recovery was outside of acceptance limit for Thallium of CCV05 but, no any sample associated under this CCV.

In analytical sequence LB136390, The % recovery was outside of acceptance limit for Potassium of CCV06 but, no any sample associated under this CCV.

In analytical sequence LB136390, The % recovery was outside of acceptance limit for Thallium of CCV06 but, no any sample associated under this CCV.

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_____