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CASE NARRATIVE

Nobis Group

Project Name: Raymark Superfund Site

Project # N/A

Chemtech Project # N1099

Test Name: SPLP MetalGroup2,SPLP Mercury

A. Number of Samples and Date of Receipt:

20 Solid samples were received on 01/11/2022.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals Group1, Metals ICP-Group1, PCB, PESTICIDE Group1, SPLP Extraction, SPLP Mercury, SPLP MetalGroup2, SVOCMS Group1 and VOCMS Group1. This data package contains results for SPLP MetalGroup2,SPLP Mercury.

C. Analytical Techniques:

The analysis of SPLP MetalGroup2 was based on method 6010D, digestion based on method 3050 (soils). The analysis of SPLP Mercury was based on method 7470A and digestion was based on method 7471B (soils).

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(VACLOT-BACKFILL-TILCON-10MS) analysis met criteria for all samples except for Antimony, Arsenic, Beryllium, Chromium, Copper, Silver, Vanadium due to both chemical interference and unknown sample matrix interference.

The Matrix Spike Duplicate(VACLOT-BACKFILL-TILCON-10MSD) analysis met criteria for all samples except for Arsenic, Beryllium, Chromium, Silver due to both chemical interference and unknown sample matrix interference.

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:

These data package has been revised as per client request SPLP Metals Parameter list Update

In analytical sequence LB118240, The % recovery was outside of acceptance limit for Zinc of CCV09. In analytical sequence LB118330, The % recovery was outside of acceptance limit for Beryllium of CCV10,Lab notified this issue to the client.



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_____