

CASE NARRATIVE

ENTACT

Project Name: North Point

Project # N/A

Chemtech Project # P4103

Test Name: EPH

A. Number of Samples and Date of Receipt:

18 Solid samples were received on 09/18/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: ASTM Ammonia, ASTM COD, ASTM Leach Extraction, ASTM Oil and Grease, ASTM TS, Corrosivity, Cyanide, Diesel Range Organics, EPH, Gasoline Range Organics, Hexavalent Chromium, Ignitability, Mercury, Metals Group1, Metals ICP-Group1, Paint Filter, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TCLP Metals Group2, TS, TVS and VOC-TCLVOA-10. This data package contains results for EPH.

C. Analytical Techniques:

The analysis were performed on instrument FID_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analyses were performed on instrument FID_D. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analysis were performed on instrument FID_E. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analysis were performed on instrument FID_G. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302. The analysis of EPHs was based on method NJEPH and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS {P4103-16MS} with File ID: FC067184.D recoveries met the requirements for all compounds except for Aliphatic C9-C12[25.5%], Aliphatic C12-C16[11.9%] Due to matrix interference.

The MSD {P4103-16MSD} with File ID: FC067185.D recoveries met the acceptable requirements except for Aliphatic C9-C12[34.2%], Aliphatic C12-C16[28.7%] Due to matrix interference.



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The RPD for {P4103-16MSD} with File ID: FC067185.D met criteria except for Aliphatic C9-C12[29%], Aliphatic C12-C16[82%] due to difference in results of MS and MSD.

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

Samples WC-22A, WC-22ADL, WC-14-5-7.5A, WC-14-5-7.5B, WC-14-7.5-10A, WC-14-7.5-10ADL and WC-23 were diluted due to high concentrations FOR Aliphatic compound.

Samples WC-22A, WC-14-5-7.5A, WC-14-5-7.5B and WC-14-7.5-10A were diluted due to high concentrations FOR Aliphatic compound.

E. Additional Comments:

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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_____