



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

AECOM

Project Name: 12th Street in Brooklyn, NY

Project # N/A

Chemtech Project # N3914

Test Name: TPH GC

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 07/26/2022.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Ignitability, PCB, pH, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TPH GC and VOC-TCLVOA-10. This data package contains results for TPH GC.

C. Analytical Techniques:

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 of TPH GC was based on method 8015D 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 except for METRO-DISP [TETRACOSANE-d50 - 0%], METRO-DISPMS [TETRACOSANE-d50 - 262%] and METRO-DISPMSD [TETRACOSANE-d50 - 307%].

The Retention Times were acceptable for all samples except for METRO-DISP.

The MS {N3914-01MS} with File ID: FE036761.D recoveries met the requirements for all compounds except for Petroleum Hydrocarbons[220%] due to matrix interference.

The MSD {N3914-01MSD} with File ID: FE036762.D recoveries met the acceptable requirements except for Petroleum Hydrocarbons[367%] due to matrix interference.

The RPD for {N3914-01MSD} with File ID: FE036762.D met criteria except for Petroleum Hydrocarbons[49.9%] due to matrix interference.

The Blank Spike 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.

Sample METRO-DISP was diluted due to high concentration.

E. Additional Comments:

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

Sample METRO-DISP original run reported as screening Data.



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

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_____