



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

CASE NARRATIVE

D&B Engineers and Architects, P.C.

Project Name: Marshall St Investigation - Hudson Ave - 5324

Project # N/A

Chemtech Project # M5331

Test Name: TPH GC

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/30/2021.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Herbicide, Ignitability, PCB, Pesticide-TCL, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA, TCLP ZHE Extraction and TPH GC. This data package contains results for TPH GC.

C. Analytical Techniques:

The analysis were performed on instrument FID_F. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302. 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 WC-1 [TETRACOSANE-d50 - 0%]. Surrogates were diluted out due to the high dilution. No further corrective action was taken.

The Retention Times were acceptable for all samples except for WC-1.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the acceptable requirements.

The RPD met criteria.

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 WC-1 was diluted due to high concentration.

E. Additional Comments:

As per special requirement for this project form-1 are reported in mg/kg.

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

Sample WC-1 original run reported as screening data.



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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_____