



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

## **CASE NARRATIVE**

**PARSONS MAIN of NEW YORK, INC.**

**Project Name: Con Edison - East River Site Spill 25**

**Project # N/A**

**Chemtech Project # N1254**

**Test Name: TPH GC**

### **A. Number of Samples and Date of Receipt:**

2 Solid samples were received on 01/25/2022.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: 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 SP25-04-20220124-12.0-12.5 [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 SP25-04-20220124-12.0-12.5.

The MS {N1254-02MS} with File ID: FF009792.D recoveries met the requirements for all compounds except for Petroleum Hydrocarbons[159%] due to matrix interference.

The MSD recoveries met the acceptable requirements.

The RPD for {N1254-02MSD} with File ID: FF009793.D met criteria except for Petroleum Hydrocarbons[77.8%] 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 SP25-04-20220124-12.0-12.5 was diluted due to high concentration.

### **E. Additional Comments:**

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

Sample SP25-04-20220124-12.0-12.5 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.

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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\_\_\_\_\_