



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

## **CASE NARRATIVE**

**Tully Construction Co., Inc.**

**Project Name: Coney Island Yard Long Term Flood Mitigation**

**Project # N/A**

**Chemtech Project # N3203**

**Test Name: TPH GC**

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

3 Solid samples were received on 06/03/2022.

### **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, Ignitability, Oil and Grease, Paint Filter, PCB, pH, 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 Group1, TPH GC, TS, TVS 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 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 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 GATE-6-JET-GROUT-SPOILS [TETRACOSANE-d50 - 140%].

The Retention Times were acceptable for all samples.

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 GATE-6-JET-GROUT-SPOILS 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.



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Sample GATE-6-JET-GROUT-SPOILS were not analyzed up to C44 initially when the fax was sent, after confirmed with the lab manager samples are reanalyzed under the C44 calibration so fax and hard copy data not match.

Sample GATE-6-JET-GROUT-SPOILS original run reported as screening Data.

**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\_\_\_\_\_