



284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

## **CASE NARRATIVE**

**Tully Environmental, Inc**

**Project Name: Transfer Station-SPDES**

**Project # N/A**

**Order ID # Q3760**

**Test Name: VOC-BTEX, Metals Group 10, Ammonia, BOD5, Oil and Grease, TSS**

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

2 Water samples were received on 12/03/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: VOC-BTEX, Metals Group 10, Ammonia, BOD5, Oil and Grease, TSS. This data package contains results for VOC-BTEX(624.1), Metals Group 10(200.7), Ammonia(SM4500-NH3), BOD5(SM5210 B), Oil and Grease(1664A), TSS(SM2540 D).

### **C. Analytical Techniques:**

VOC-BTEX : The analysis performed on instrument MSVOA\_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868. The analysis of VOC-BTEX was based on method 624.1.

Metals Group 10 : The analysis and digestion of Metals Group 10 was based on method 200.7.

Wetchem : The analysis of Oil and Grease was based on method 1664A, The analysis of TSS was based on method SM2540 D, The analysis of Ammonia was based on method SM4500-NH3 and The analysis of BOD5 was based on method SM5210 B.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas met the acceptable requirements.

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 recoveries met criteria.

The Blank Spike met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.



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Wetchem : Sample 001 Willets Pt Blvd (Dec) was diluted due to high concentrations for Ammonia as N & Sample 002 35th Ave (Dec) was diluted due to high concentrations for Ammonia as N.

The Duplicate analysis met criteria for all compounds.  
The Serial Dilution met the acceptable requirements.

**E. Additional Comments:**

Ammonia, BOD5, Oil and Grease, TSS : As per method 1664A, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD for Q3760 therefore Lab reported MS-MSD from Q3772 , Q3785 and Q3593.

VOC-BTEX : “As per method, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD therefore MS/MSD were not performed for this project. However, Lab has performed LCS/LCSD instead.”

Trip Blank was not provided with this set of samples.

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