



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 # Q3281**

**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 10/03/2025.

### **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 Ammonia, BOD5, Oil and Grease, TSS was based on method 1664A, SM2540 D, SM4500-NH3, SM5210 B and extraction was done based on method 8015B.

### **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 except following

Wetchem : The Matrix Spike (001-WILLETS-PT-BLVD(OCT)MS) analysis met criteria for all compounds except for Ammonia due to sample matrix interference.

The MSD recoveries met the acceptable requirements.

The RPD recoveries met criteria.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

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



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The Initial Calibration met the requirements.  
The Continuous Calibration met the requirements.  
The Tuning criteria met requirements.

Wetchem : Sample 001-WILLETS-PT-BLVD(OCT) was diluted due to high concentrations for Ammonia as N & Sample 002-35TH-AVE(OCT) was diluted due to high concentrations for Ammonia as N.

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

**E. Additional Comments:**

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\_\_\_\_\_