

## **DATA PACKAGE**

VOLATILE ORGANICS  
GENERAL CHEMISTRY  
METALS

**PROJECT NAME : TRANSFER STATION-SPDES**

**TULLY ENVIRONMENTAL, INC**

**127-50 Northern Blvd.**

**Flushing, NY - 11368**

**Phone No: 718-446-7000**

**ORDER ID : P5139**

**ATTENTION : Dean Devoe**



**Laboratory Certification ID # 20012**



|  |           |
|--|-----------|
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## Cover Page

**Order ID :** P5139

**Project ID :** Transfer Station-SPDES

**Client :** Tully Environmental, Inc

**Lab Sample Number**

P5139-01  
P5139-02

**Client Sample Number**

001-WILLETS-PT-BLVD(DEC)  
002-35TH-AVE(DEC)

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. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 1:50 pm, Dec 13, 2024*

Date: 12/13/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## **CASE NARRATIVE**

**Tully Environmental, Inc**

**Project Name: Transfer Station-SPDES**

**Project # N/A**

**Chemtech Project # P5139**

**Test Name: VOC-BTEX**

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

2 Water samples were received on 12/05/2024.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Ammonia, BOD5, Metals Group 10, Oil and Grease, TSS and VOC-BTEX. This data package contains results for VOC-BTEX.

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

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.

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

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate 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 .

The Tuning criteria met requirements.

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

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.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <35% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount

for all compounds using Linear Regression when the %RSD value for a compound is > 35% for the Initial Calibration curve for SW-846 analysis.

**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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Signature\_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 1:50 pm, Dec 13, 2024*



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

## **CASE NARRATIVE**

**Tully Environmental, Inc**

**Project Name: Transfer Station-SPDES**

**Project # N/A**

**Chemtech Project # P5139**

**Test Name: Metals Group 10**

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

2 Water samples were received on 12/05/2024.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Ammonia, BOD5, Metals Group 10, Oil and Grease, TSS and VOC-BTEX. This data package contains results for Metals Group 10.

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

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

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

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

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

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

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

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Signature \_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 1:51 pm, Dec 13, 2024*



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

## **CASE NARRATIVE**

**Tully Environmental, Inc**

**Project Name: Transfer Station-SPDES**

**Project # N/A**

**Chemtech Project # P5139**

**Test Name: Oil and Grease,Ammonia,BOD5,TSS**

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

2 Water samples were received on 12/05/2024.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Ammonia, BOD5, Metals Group 10, Oil and Grease, TSS and VOC-BTEX. This data package contains results for Oil and Grease,Ammonia,BOD5,TSS.

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

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 Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

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

The Calibration met the requirements.

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

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 therefore MS/MSD were not performed for this project.

---

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\_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 1:51 pm, Dec 13, 2024*

## DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

|           |   |
|-----------|---|
| <b>J</b>  | Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).  |
| <b>U</b>  | Indicates the analyte was analyzed for, but not detected.   |
| <b>ND</b> | Indicates the analyte was analyzed for, but not detected  |
| <b>E</b>  | Indicates the reported value is estimated because of the presence of interference   |
| <b>M</b>  | Indicates Duplicate injection precision not met.  |
| <b>N</b>  | Indicates the spiked sample recovery is not within control limits.  |
| <b>S</b>  | Indicates the reported value was determined by the Method of Standard Addition (MSA).   |
| <b>*</b>  | Indicates that the duplicate analysis is not within control limits.   |
| <b>+</b>  | Indicates the correlation coefficient for the MSA is less than 0.995.   |
| <b>D</b>  | Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.   |
| <b>M</b>  | Method qualifiers<br>“P” for ICP instrument<br>“PM” for ICP when Microwave Digestion is used<br>“CV” for Manual Cold Vapor AA<br>“AV” for automated Cold Vapor AA<br>“CA” for MIDI-Distillation Spectrophotometric<br>“AS” for Semi -Automated Spectrophotometric<br>“C” for Manual Spectrophotometric<br>“T” for Titrimetric<br>“NR” for analyte not required to be analyzed |
| <b>OR</b> | Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.  |
| <b>Q</b>  | Indicates the LCS did not meet the control limits requirements  |
| <b>H</b>  | Sample Analysis Out Of Hold Time  |



## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

|       |   |
|-------|---|
| Value | If the result is a value greater than or equal to the detection limit, report the value   |
| U     | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.   |
| ND    | Indicates the analyte was analyzed for, but not detected  |
| J     | Indicates an estimated value. This flag is used:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others. |
| B     | Indicates the analyte was found in the blank as well as the sample report as “12 B”.  |
| E     | Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.   |
| D     | This flag identifies all compounds identified in an analysis at a secondary dilution factor.  |
| P     | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.  |
| N     | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.  |
| A     | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.   |
| Q     | Indicates the LCS did not meet the control limits requirements  |

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: P5139

Completed

For thorough review, the report must have the following:

#### GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

#### COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

#### CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 12/13/2024

**Hit Summary Sheet**  
SW-846

**SDG No.:** P5139  
**Client:** Tully Environmental, Inc

| Sample ID                     | Client ID  | Matrix | Parameter                   | Concentration | C | MDL  | RDL  | Units |
|-------------------------------|--|--------|-----------------------------|---------------|---|------|------|-------|
| <b>Client ID:</b><br>P5139-01 | <b>001-WILLETS-PT-BLVD(DEC)</b><br>001-WILLETS-PT-BLVD Water |        | Toluene                     | 87.1          |   | 0.72 | 5.00 | ug/L  |
|                               |  |        | <b>Total Voc :</b>          | 87.1          |   |      |      |       |
|                               |  |        | <b>Total Concentration:</b> | 87.1          |   |      |      |       |
| <b>Client ID:</b><br>P5139-02 | <b>002-35TH-AVE(DEC)</b><br>002-35TH-AVE(DEC) Water          |        | Toluene                     | 77.1          |   | 0.72 | 5.00 | ug/L  |
|                               |  |        | <b>Total Voc :</b>          | 77.1          |   |      |      |       |
|                               |  |        | <b>Total Concentration:</b> | 77.1          |   |      |      |       |



# SAMPLE DATA

## Report of Analysis

|                    |                          |           |                 |          |    |
|--------------------|--------------------------|-----------|-----------------|----------|----|
| Client:            | Tully Environmental, Inc |           | Date Collected: | 12/04/24 |    |
| Project:           | Transfer Station-SPDES   |           | Date Received:  | 12/05/24 |    |
| Client Sample ID:  | 001-WILLETS-PT-BLVD(DEC) |           | SDG No.:        | P5139    |    |
| Lab Sample ID:     | P5139-01                 |           | Matrix:         | Water    |    |
| Analytical Method: | E624.1                   |           | % Solid:        | 0        |    |
| Sample Wt/Vol:     | 5                        | Units: mL | Final Vol:      | 5000     | uL |
| Soil Aliquot Vol:  |                          | uL        | Test:           | VOC-BTEX |    |
| GC Column:         | RXI-624                  | ID : 0.25 | Level :         | LOW      |    |
| Prep Method :      |                          |           |                 |          |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN085135.D        | 1         |           | 12/06/24 18:27 | VN120624      |

| CAS Number                | Parameter             | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>            |                       |        |           |          |            |         |
| 71-43-2                   | Benzene               | 0.69   | U         | 0.69     | 5.00       | ug/L    |
| 108-88-3                  | Toluene               | 87.1   |           | 0.72     | 5.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene         | 0.73   | U         | 0.73     | 5.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes           | 1.70   | U         | 1.70     | 10.0       | ug/L    |
| 95-47-6                   | o-Xylene              | 0.82   | U         | 0.82     | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                       |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4 | 29.5   |           | 91 - 110 | 98%        | SPK: 30 |
| 2037-26-5                 | Toluene-d8            | 28.1   |           | 91 - 112 | 94%        | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene  | 24.0   |           | 63 - 112 | 80%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                       |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane    | 27300  | 7.818     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene   | 130000 | 9.1       |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5      | 123000 | 11.865    |          |            |         |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                          |           |                 |          |    |
|--------------------|--------------------------|-----------|-----------------|----------|----|
| Client:            | Tully Environmental, Inc |           | Date Collected: | 12/04/24 |    |
| Project:           | Transfer Station-SPDES   |           | Date Received:  | 12/05/24 |    |
| Client Sample ID:  | 002-35TH-AVE(DEC)        |           | SDG No.:        | P5139    |    |
| Lab Sample ID:     | P5139-02                 |           | Matrix:         | Water    |    |
| Analytical Method: | E624.1                   |           | % Solid:        | 0        |    |
| Sample Wt/Vol:     | 5                        | Units: mL | Final Vol:      | 5000     | uL |
| Soil Aliquot Vol:  |                          | uL        | Test:           | VOC-BTEX |    |
| GC Column:         | RXI-624                  | ID : 0.25 | Level :         | LOW      |    |
| Prep Method :      |                          |           |                 |          |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN085136.D        | 1         |           | 12/06/24 18:51 | VN120624      |

| CAS Number                | Parameter             | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>            |                       |        |           |          |            |         |
| 71-43-2                   | Benzene               | 0.69   | U         | 0.69     | 5.00       | ug/L    |
| 108-88-3                  | Toluene               | 77.1   |           | 0.72     | 5.00       | ug/L    |
| 100-41-4                  | Ethyl Benzene         | 0.73   | U         | 0.73     | 5.00       | ug/L    |
| 179601-23-1               | m/p-Xylenes           | 1.70   | U         | 1.70     | 10.0       | ug/L    |
| 95-47-6                   | o-Xylene              | 0.82   | U         | 0.82     | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                       |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4 | 30.8   |           | 91 - 110 | 103%       | SPK: 30 |
| 2037-26-5                 | Toluene-d8            | 27.6   |           | 91 - 112 | 92%        | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene  | 24.3   |           | 63 - 112 | 81%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                       |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane    | 27800  | 7.812     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene   | 134000 | 9.1       |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5      | 131000 | 11.865    |          |            |         |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

|          |                          |            |                        |
|----------|--------------------------|------------|------------------------|
| OrderID: | P5139                    | OrderDate: | 12/5/2024 12:25:00 PM  |
| Client:  | Tully Environmental, Inc | Project:   | Transfer Station-SPDES |
| Contact: | Dean Devoe               | Location:  | L51,VOA Ref. #3 Water  |

| LabID    | ClientID                     | Matrix | Test     | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------------------|--------|----------|--------|-------------|-----------|-----------|----------|
| P5139-01 | 001-WILLETS-PT-BLV<br>D(DEC) | Water  | VOC-BTEX | 624.1  | 12/04/24    |           | 12/06/24  | 12/05/24 |
| P5139-02 | 002-35TH-AVE(DEC)            | Water  | VOC-BTEX | 624.1  | 12/04/24    |           | 12/06/24  | 12/05/24 |

**Hit Summary Sheet**  
**SW-846**

|                 |                          |                    |                        |
|-----------------|--------------------------|--------------------|------------------------|
| <b>SDG No.:</b> | P5139                    | <b>Order ID:</b>   | P5139                  |
| <b>Client:</b>  | Tully Environmental, Inc | <b>Project ID:</b> | Transfer Station-SPDES |

| Sample ID                                   | Client ID                | Matrix | Parameter | Concentration | C | MDL  | RDL  | Units |
|---|--------------------------|--------|-----------|---------------|---|------|------|-------|
| <b>Client ID : 001-WILLETS-PT-BLVD(DEC)</b> |                          |        |           |               |   |      |      |       |
| P5139-01                                    | 001-WILLETS-PT-BLVD(DEC) | Water  | Copper    | 15.2          |   | 1.52 | 10.0 | ug/L  |
| P5139-01                                    | 001-WILLETS-PT-BLVD(DEC) | Water  | Iron      | 5090          |   | 12.4 | 50.0 | ug/L  |
| P5139-01                                    | 001-WILLETS-PT-BLVD(DEC) | Water  | Lead      | 23.5          |   | 1.57 | 6.00 | ug/L  |
| <b>Client ID : 002-35TH-AVE(DEC)</b>        |                          |        |           |               |   |      |      |       |
| P5139-02                                    | 002-35TH-AVE(DEC)        | Water  | Copper    | 16.0          |   | 1.52 | 10.0 | ug/L  |
| P5139-02                                    | 002-35TH-AVE(DEC)        | Water  | Iron      | 5320          |   | 12.4 | 50.0 | ug/L  |
| P5139-02                                    | 002-35TH-AVE(DEC)        | Water  | Lead      | 24.3          |   | 1.57 | 6.00 | ug/L  |





# SAMPLE DATA

## Report of Analysis

|                   |                          |                 |          |
|-------------------|--------------------------|-----------------|----------|
| Client:           | Tully Environmental, Inc | Date Collected: | 12/04/24 |
| Project:          | Transfer Station-SPDES   | Date Received:  | 12/05/24 |
| Client Sample ID: | 001-WILLETS-PT-BLVD(DEC) | SDG No.:        | P5139    |
| Lab Sample ID:    | P5139-01                 | Matrix:         | Water    |
| Level (low/med):  | low                      | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.  | Prep Met. |
|-----------|-----------|-------|------|----|------|------------|-------|----------------|----------------|-----------|-----------|
| 7440-50-8 | Copper    | 15.2  |      | 1  | 1.52 | 10.0       | ug/L  | 12/06/24 11:10 | 12/06/24 18:09 | EPA 200.7 |           |
| 7439-89-6 | Iron      | 5090  |      | 1  | 12.4 | 50.0       | ug/L  | 12/06/24 11:10 | 12/06/24 18:09 | EPA 200.7 |           |
| 7439-92-1 | Lead      | 23.5  |      | 1  | 1.57 | 6.00       | ug/L  | 12/06/24 11:10 | 12/06/24 18:09 | EPA 200.7 |           |

|               |                 |                 |       |            |
|---------------|-----------------|-----------------|-------|------------|
| Color Before: | Colorless       | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless       | Clarity After:  | Clear | Artifacts: |
| Comments:     | Metals Group 10 |                 |       |            |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                          |                 |          |
|-------------------|--------------------------|-----------------|----------|
| Client:           | Tully Environmental, Inc | Date Collected: | 12/04/24 |
| Project:          | Transfer Station-SPDES   | Date Received:  | 12/05/24 |
| Client Sample ID: | 002-35TH-AVE(DEC)        | SDG No.:        | P5139    |
| Lab Sample ID:    | P5139-02                 | Matrix:         | Water    |
| Level (low/med):  | low                      | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.  | Prep Met. |
|-----------|-----------|-------|------|----|------|------------|-------|----------------|----------------|-----------|-----------|
| 7440-50-8 | Copper    | 16.0  |      | 1  | 1.52 | 10.0       | ug/L  | 12/06/24 11:10 | 12/06/24 18:13 | EPA 200.7 |           |
| 7439-89-6 | Iron      | 5320  |      | 1  | 12.4 | 50.0       | ug/L  | 12/06/24 11:10 | 12/06/24 18:13 | EPA 200.7 |           |
| 7439-92-1 | Lead      | 24.3  |      | 1  | 1.57 | 6.00       | ug/L  | 12/06/24 11:10 | 12/06/24 18:13 | EPA 200.7 |           |

|               |                 |                 |       |            |
|---------------|-----------------|-----------------|-------|------------|
| Color Before: | Colorless       | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless       | Clarity After:  | Clear | Artifacts: |
| Comments:     | Metals Group 10 |                 |       |            |

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N =Spiked sample recovery not within control limits

LAB CHRONICLE

|          |                          |            |                        |
|----------|--------------------------|------------|------------------------|
| OrderID: | P5139                    | OrderDate: | 12/5/2024 12:25:00 PM  |
| Client:  | Tully Environmental, Inc | Project:   | Transfer Station-SPDES |
| Contact: | Dean Devoe               | Location:  | L51,VOA Ref. #3 Water  |

| LabID    | ClientID                     | Matrix | Test            | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------------------|--------|-----------------|--------|-------------|-----------|-----------|----------|
| P5139-01 | 001-WILLETS-PT-BLV<br>D(DEC) | Water  |                 |        | 12/04/24    |           |           | 12/05/24 |
|          |                              |        | Metals Group 10 | 200.7  |             | 12/06/24  | 12/06/24  |          |
| P5139-02 | 002-35TH-AVE(DEC)            | Water  |                 |        | 12/04/24    |           |           | 12/05/24 |
|          |                              |        | Metals Group 10 | 200.7  |             | 12/06/24  | 12/06/24  |          |



# SAMPLE DATA

## Report of Analysis

|                   |                          |                 |                |
|-------------------|--------------------------|-----------------|----------------|
| Client:           | Tully Environmental, Inc | Date Collected: | 12/04/24 14:00 |
| Project:          | Transfer Station-SPDES   | Date Received:  | 12/05/24       |
| Client Sample ID: | 001-WILLETS-PT-BLVD(DEC) | SDG No.:        | P5139          |
| Lab Sample ID:    | P5139-01                 | Matrix:         | WATER          |
|                   |                          | % Solid:        | 0              |

| Parameter      | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                   |
|----------------|-------|------|----|-------|------------|-------|----------------|----------------|----------------------------|
| Ammonia as N   | 1.80  |      | 1  | 0.045 | 0.10       | mg/L  | 12/09/24 08:50 | 12/09/24 14:17 | SM 4500-NH3<br>B plus G-11 |
| BOD5           | 176   |      | 1  | 0.17  | 2.00       | mg/L  |                | 12/05/24 17:40 | SM 5210 B-16               |
| Oil and Grease | 6.40  |      | 1  | 0.40  | 5.00       | mg/L  |                | 12/06/24 10:30 | 1664A                      |
| TSS            | 83.5  |      | 1  | 1.00  | 4.00       | mg/L  |                | 12/09/24 11:00 | SM 2540 D-15               |

Comments:

U = Not Detected  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
D = Dilution  
Q = indicates LCS control criteria did not meet requirements  
H = Sample Analysis Out Of Hold Time

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
\* = indicates the duplicate analysis is not within control limits.  
E = Indicates the reported value is estimated because of the presence of interference.  
OR = Over Range  
N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                          |                 |                |
|-------------------|--------------------------|-----------------|----------------|
| Client:           | Tully Environmental, Inc | Date Collected: | 12/04/24 14:00 |
| Project:          | Transfer Station-SPDES   | Date Received:  | 12/05/24       |
| Client Sample ID: | 002-35TH-AVE(DEC)        | SDG No.:        | P5139          |
| Lab Sample ID:    | P5139-02                 | Matrix:         | WATER          |
|                   |                          | % Solid:        | 0              |

| Parameter      | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                   |
|----------------|-------|------|----|-------|------------|-------|----------------|----------------|----------------------------|
| Ammonia as N   | 1.90  |      | 1  | 0.045 | 0.10       | mg/L  | 12/09/24 08:50 | 12/09/24 14:17 | SM 4500-NH3<br>B plus G-11 |
| BOD5           | 92.8  |      | 1  | 0.17  | 2.00       | mg/L  |                | 12/05/24 17:40 | SM 5210 B-16               |
| Oil and Grease | 7.40  |      | 1  | 0.40  | 5.00       | mg/L  |                | 12/06/24 10:30 | 1664A                      |
| TSS            | 90.0  |      | 1  | 1.00  | 4.00       | mg/L  |                | 12/09/24 11:00 | SM 2540 D-15               |

Comments:

U = Not Detected  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
D = Dilution  
Q = indicates LCS control criteria did not meet requirements  
H = Sample Analysis Out Of Hold Time

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
\* = indicates the duplicate analysis is not within control limits.  
E = Indicates the reported value is estimated because of the presence of interference.  
OR = Over Range  
N = Spiked sample recovery not within control limits

## LAB CHRONICLE

|                 |                          |                   |                        |
|-----------------|--------------------------|-------------------|------------------------|
| <b>OrderID:</b> | P5139                    | <b>OrderDate:</b> | 12/5/2024 12:25:00 PM  |
| <b>Client:</b>  | Tully Environmental, Inc | <b>Project:</b>   | Transfer Station-SPDES |
| <b>Contact:</b> | Dean Devoe               | <b>Location:</b>  | L51,VOA Ref. #3 Water  |

| LabID    | ClientID                      | Matrix | Test           | Method     | Sample Date       | Prep Date | Anal Date         | Received |
|----------|-------------------------------|--------|----------------|------------|-------------------|-----------|-------------------|----------|
| P5139-01 | 001-WILLETTS-PT-BLV<br>D(DEC) | WATER  |                |            | 12/04/24<br>14:00 | 12/09/24  |                   | 12/05/24 |
|          |                               |        | Ammonia        | SM4500-NH3 |                   |           | 12/09/24<br>14:17 |          |
|          |                               |        | BOD5           | SM5210 B   |                   |           | 12/05/24<br>17:40 |          |
|          |                               |        | Oil and Grease | 1664A      |                   |           | 12/06/24<br>10:30 |          |
|          |                               |        | TSS            | SM2540 D   |                   |           | 12/09/24<br>11:00 |          |
| P5139-02 | 002-35TH-AVE(DEC)             | WATER  |                |            | 12/04/24<br>14:00 | 12/09/24  |                   | 12/05/24 |
|          |                               |        | Ammonia        | SM4500-NH3 |                   |           | 12/09/24<br>14:17 |          |
|          |                               |        | BOD5           | SM5210 B   |                   |           | 12/05/24<br>17:40 |          |
|          |                               |        | Oil and Grease | 1664A      |                   |           | 12/06/24<br>10:30 |          |
|          |                               |        | TSS            | SM2540 D   |                   |           | 12/09/24<br>11:00 |          |





# SHIPPING DOCUMENTS

# CHEMTECH

## CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 • Fax (908) 789-8922  
www.chemtech.net

CHEMTECH PROJECT NO. **P5139/40**  
QUOTE NO. **8**  
COC Number **2041878**  
**8.1**

### CLIENT INFORMATION

COMPANY: **Tully Environmental Inc**  
ADDRESS: **57 Seaview Blvd**  
CITY: **Pt Washington** STATE: **NY** ZIP: **11050**  
ATTENTION: **D Dene**  
PHONE: **718 446 2000** FAX: **718 458 5199**

### CLIENT PROJECT INFORMATION

PROJECT NAME: **Transfer Station SPDES**  
PROJECT NO.: **242113** LOCATION:  
PROJECT MANAGER:  
e-mail:  
PHONE: FAX:

### CLIENT BILLING INFORMATION

BILL TO: **Same** PO#:  
ADDRESS:  
CITY STATE: ZIP:  
ATTENTION: PHONE:

### DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS\*  
HARDCOPY (DATA PACKAGE): DAYS\*  
EDD: DAYS\*  
\*TO BE APPROVED BY CHEMTECH  
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

### DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B  
+ Raw Data ☐ Other  
☐ EDD FORMAT

**Cu Fe Pb**  
**BOD 5**  
**TSS**  
**Hg 1631 LL**  
**BTEX**  
**DIB/Ammonia**

| CHEMTECH<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |      | # OF BOTTLES | PRESERVATIVES |   |   |   |   |   |   |   |   | COMMENTS |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|------|--------------|---------------|---|---|---|---|---|---|---|---|----------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME |              | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |          |
| 1.                       | 001 Willets Pt Blvd (Dec)        | N                |                | X    | 12/4                 | 2:00 |              | X             | X | X | X | X | X |   |   |   |          |
| 2.                       | 002 35th Ave (Dec)               | N                |                | X    | 12/4                 | 2:00 |              | X             | X | X | X | X | X |   |   |   |          |
| 3.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 4.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 5.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 6.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 7.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 8.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 9.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |
| 10.                      |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |          |

### SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

|  |  |                                       |   |
|--|--|---------------------------------------|---|
| RELINQUISHED BY SAMPLER:<br>1. <b>D Dene</b> | DATE/TIME:<br><b>12/4/24</b>                 | RECEIVED BY:<br>1. <b>[Signature]</b> | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <b>3-3°C</b> °C |
| RELINQUISHED BY SAMPLER:<br>2. <b>FedEx</b>  | DATE/TIME:<br><b>12-5-24</b><br><b>12:10</b> | RECEIVED BY:<br>2. <b>[Signature]</b> | Comments:   |
| RELINQUISHED BY SAMPLER:<br>3.               | DATE/TIME:                                   | RECEIVED BY:<br>3.                    | Page ____ of ____   |

CLIENT: ☐ Hand Delivered ☐ Other  
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete  
☐ YES ☐ NO

**Laboratory Certification**

| Certified By         | License No.      |
|----------------------|------------------|
|                      |                  |
| CAS EPA CLP Contract | 68HERH20D0011    |
|                      |                  |
| Connecticut          | PH-0830          |
|                      |                  |
| DOD ELAP (ANAB)      | L2219            |
|                      |                  |
| Maine                | 2024021          |
|                      |                  |
| Maryland             | 296              |
|                      |                  |
| New Hampshire        | 255424 Rev 1     |
|                      |                  |
| New Jersey           | 20012            |
|                      |                  |
| New York             | 11376            |
|                      |                  |
| Pennsylvania         | 68-00548         |
|                      |                  |
| Soil Permit          | 525-24-234-08441 |
|                      |                  |
| Texas                | T104704488       |

## LOGIN REPORT/SAMPLE TRANSFER

|  |        |   |                                   |
|--|--------|---|-----------------------------------|
| <b>Order ID :</b> P5139                        | TULL01 | <b>Order Date :</b> 12/5/2024 12:25:00 PM       | <b>Project Mgr :</b>              |
| <b>Client Name :</b> Tully Environmental, Inc  |        | <b>Project Name :</b> Transfer Station-SPDES    | <b>Report Type :</b> Results Only |
| <b>Client Contact :</b> Dean Devoe             |        | <b>Receive DateTime :</b> 12/5/2024 12:10:00 PM | <b>EDD Type :</b> EXCEL NOCLEANUP |
| <b>Invoice Name :</b> Tully Environmental, Inc |        | <b>Purchase Order :</b>                         | <b>Hard Copy Date :</b>           |
| <b>Invoice Contact :</b> Dean Devoe            |        |   | <b>Date Signoff :</b>             |

| LAB ID   | CLIENT ID                | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST     | TEST GROUP | METHOD | FAX DATE    | DUE DATES |
|----------|--------------------------|--------|-------------|-------------|----------|------------|--------|-------------|-----------|
| P5139-01 | 001-WILLETS-PT-BLVD(DEC) | Water  | 12/04/2024  | 14:00       | VOC-BTEX |            | 624.1  | 5 Bus. Days |           |
| P5139-02 | 002-35TH-AVE(DEC)        | Water  | 12/04/2024  | 14:00       | VOC-BTEX |            | 624.1  | 5 Bus. Days |           |

Relinquished By :

Date / Time : 12/5/24 13:20

Received By :

Date / Time : 12-5-24 13:20

Storage Area : VOA Refridgerator Room