

DATA PACKAGE

GENERAL CHEMISTRY
METALS

PROJECT NAME : TRANSFER STATION - SPDES 2025

TULLY ENVIRONMENTAL, INC

127-50 Northern Blvd.

Flushing, NY - 11368

Phone No: 718-446-7000

ORDER ID : Q1628

ATTENTION : Dean Devoe



Laboratory Certification ID # 20012



| | |
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Cover Page

Order ID : Q1628

Project ID : Transfer Station - SPDES 2025

Client : Tully Environmental, Inc

Lab Sample Number

Q1628-01
Q1628-02

Client Sample Number

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

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 : _____

Date: 3/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

CASE NARRATIVE

Tully Environmental, Inc

Project Name: Transfer Station - SPDES 2025

Project # N/A

Chemtech Project # Q1628

Test Name: Metals Group3

A. Number of Samples and Date of Receipt:

2 Water samples were received on 03/21/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Metals Group 10, Metals Group 9, Metals Group3 and TSS. This data package contains results for Metals Group3.

C. Analytical Techniques:

The analysis and digestion of Metals Group3 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:

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_____



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

CASE NARRATIVE

Tully Environmental, Inc

Project Name: Transfer Station - SPDES 2025

Project # N/A

Chemtech Project # Q1628

Test Name: TSS

A. Number of Samples and Date of Receipt:

2 Water samples were received on 03/21/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Metals Group 10, Metals Group 9, Metals Group3 and TSS. This data package contains results for TSS.

C. Analytical Techniques:

The analysis of TSS was based on method SM2540 D.

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 Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

E. Additional Comments:

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_____

DATA REPORTING QUALIFIERS- INORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1628

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: MOHAMMAD AHMED

Date: 03/27/2025



SAMPLE DATA

Report of Analysis

| | | | |
|-------------------|-------------------------------|-----------------|----------|
| Client: | Tully Environmental, Inc | Date Collected: | 03/20/25 |
| Project: | Transfer Station - SPDES 2025 | Date Received: | 03/21/25 |
| Client Sample ID: | 001-WILLETS-PT-BLVD(MAR) | SDG No.: | Q1628 |
| Lab Sample ID: | Q1628-01 | 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 | 51.5 | 1 | 1.52 | 10.0 | ug/L | 03/21/25 15:25 | 03/24/25 11:30 | EPA 200.7 | | |
| 7439-89-6 | Iron | 7540 | 1 | 12.4 | 50.0 | ug/L | 03/21/25 15:25 | 03/24/25 11:30 | EPA 200.7 | | |
| 7439-92-1 | Lead | 10.1 | 1 | 1.57 | 6.00 | ug/L | 03/21/25 15:25 | 03/24/25 11:30 | EPA 200.7 | | |

| | | | | |
|---------------|---------------|-----------------|-------|------------|
| Color Before: | Colorless | Clarity Before: | Clear | Texture: |
| Color After: | Colorless | Clarity After: | Clear | Artifacts: |
| Comments: | Metals Group3 | | | |

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: | 03/20/25 |
| Project: | Transfer Station - SPDES 2025 | Date Received: | 03/21/25 |
| Client Sample ID: | 002-35TH-AVE(MAR) | SDG No.: | Q1628 |
| Lab Sample ID: | Q1628-02 | 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 | 45.6 | 1 | 1.52 | | 10.0 | ug/L | 03/21/25 15:25 | 03/24/25 11:35 | EPA 200.7 | |
| 7439-89-6 | Iron | 8920 | 1 | 12.4 | | 50.0 | ug/L | 03/21/25 15:25 | 03/24/25 11:35 | EPA 200.7 | |
| 7439-92-1 | Lead | 10.7 | 1 | 1.57 | | 6.00 | ug/L | 03/21/25 15:25 | 03/24/25 11:35 | EPA 200.7 | |

| | | | | |
|---------------|---------------|-----------------|-------|------------|
| Color Before: | Colorless | Clarity Before: | Clear | Texture: |
| Color After: | Colorless | Clarity After: | Clear | Artifacts: |
| Comments: | Metals Group3 | | | |

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: Q1628 | OrderDate: 3/21/2025 1:37:00 PM |
| Client: Tully Environmental, Inc | Project: Transfer Station - SPDES 2025 |
| Contact: Dean Devoe | Location: I31 |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|-----------------|--------------------------------------|--------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| Q1628-01 | 001-WILLETS-PT-BLV D(MAR) | Water | | | 03/20/25 | | | 03/21/25 |
| | | | Metals Group3 | 200.7 | | 03/21/25 | 03/24/25 | |
| Q1628-02 | 002-35TH-AVE(MAR) | Water | | | 03/20/25 | | | 03/21/25 |
| | | | Metals Group3 | 200.7 | | 03/21/25 | 03/24/25 | |



SAMPLE DATA

Report of Analysis

| | | | |
|-------------------|-------------------------------|-----------------|----------------|
| Client: | Tully Environmental, Inc | Date Collected: | 03/20/25 11:45 |
| Project: | Transfer Station - SPDES 2025 | Date Received: | 03/21/25 |
| Client Sample ID: | 001-WILLETS-PT-BLVD(MAR) | SDG No.: | Q1628 |
| Lab Sample ID: | Q1628-01 | Matrix: | WATER |
| | | % Solid: | 0 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. |
|-----------|-------|------|----|------|------------|-------|-----------|----------------|--------------|
| TSS | 49.9 | | 1 | 1.00 | 4.00 | mg/L | | 03/24/25 10:00 | 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: | 03/20/25 11:45 |
| Project: | Transfer Station - SPDES 2025 | Date Received: | 03/21/25 |
| Client Sample ID: | 002-35TH-AVE(MAR) | SDG No.: | Q1628 |
| Lab Sample ID: | Q1628-02 | Matrix: | WATER |
| | | % Solid: | 0 |

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. |
|-----------|-------|------|----|------|------------|-------|-----------|----------------|--------------|
| TSS | 48.7 | | 1 | 1.00 | 4.00 | mg/L | | 03/24/25 10:00 | 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
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 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: Q1628 | OrderDate: 3/21/2025 1:37:00 PM |
| Client: Tully Environmental, Inc | Project: Transfer Station - SPDES 2025 |
| Contact: Dean Devoe | Location: I31 |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------------------|--------|------|----------|-------------------|-----------|-------------------|----------|
| Q1628-01 | 001-WILLETS-PT-BLV D(MAR) | WATER | TSS | SM2540 D | 03/20/25 11:45 | | 03/24/25 10:00 | 03/21/25 |
| Q1628-02 | 002-35TH-AVE(MAR) | WATER | TSS | SM2540 D | 03/20/25 11:45 | | 03/24/25 10:00 | 03/21/25 |



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
 (908) 789-8900 Fax: (908) 788-9222
 www.chemtech.net

Alliance Project Number: Q1628

CHAIN OF CUSTODY RECORD

COC Number:

| CLIENT INFORMATION | | | PROJECT INFORMATION | | | BILLING INFORMATION | | |
|-----------------------------------|-----------|------------|--------------------------------------|--|--|---------------------|--------|------|
| COMPANY: Tully Environmental Inc. | | | PROJECT NAME: Transfer Station SPDES | | | BILL TO: Same PO# | | |
| ADDRESS: 57 Seaview Blvd | | | PROJECT #: 252113 LOCATION: | | | ADDRESS: | | |
| CITY: Pt Washington | STATE: NY | ZIP: 11050 | PROJECT MANAGER: | | | CITY: | STATE: | ZIP: |
| ATTENTION: Dean Devoe | | | E-MAIL: | | | ATTENTION: | | |
| PHONE: 718 446 7000 FAX: | | | PHONE: | | | PHONE: | | |

| DATA TURNAROUND INFORMATION | | | DATA DELIVERABLE INFORMATION | | | ANALYSIS | | | | | | | | | COMMENTS | | |
|--|--|--|---|--|--|----------|------------|---|---|---|---|---|---|---|----------|---|---|
| FAX: _____ ASAP _____ DAYS* | | | * RESULTS ONLY <input type="checkbox"/> USEPA CLP | | | TSS | Cu, Pb, Fe | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 |
| HARD COPY: _____ DAYS* | | | <input type="checkbox"/> RESULTS + QC <input type="checkbox"/> New York State ASP "B" | | | | | | | | | | | | | | |
| EDD _____ DAYS* | | | <input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP "A" | | | | | | | | | | | | | | |
| * TO BE APPROVED BY ALLIANCE | | | <input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other _____ | | | | | | | | | | | | | | |
| STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS | | | <input type="checkbox"/> EDD Format _____ | | | | | | | | | | | | | | |

| CHEMTECH SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE | | SAMPLE COLLECTION | | # of Bottles | PRESERVATIVES | | | | | | | | | COMMENTS ← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other | | |
|--------------------|-------------------------------|---------------|-------------|------|-------------------|------|--------------|---------------|---|---|---|---|---|---|---|---|--|--|--|
| | | | COMP | GRAB | DATE | TIME | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | |
| 1. | 001 Willets Pt Blvd (Mar) | W | | X | 3/20/25 | 1145 | | X | X | | | | | | | | | | |
| 2. | 002 35th Ave (Mar) | W | | X | 3/20/25 | 1145 | | X | X | | | | | | | | | | |
| 3. | | | | | | | | | | | | | | | | | | | |
| 4. | | | | | | | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | | | |

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

| | | | |
|-------------------------|----------------------|-----------------------|--|
| RELINQUISHED BY SAMPLER | DATE/TIME | RECEIVED BY | Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp <u>4.8°C</u> MeOH extraction requires an additional 4oz. Jar for percent solid Comments: |
| 1. D Devoe | March 20, 2025 | 1. _____ | |
| RELINQUISHED BY | DATE/TIME | RECEIVED BY | |
| 2. | <u>3-21-25 13:15</u> | 2. <u>[Signature]</u> | |
| RELINQUISHED BY | DATE/TIME | RECEIVED FOR LAB BY | SHIPPED VIA: CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight ALLIANCE: <input type="checkbox"/> Picked Up <input type="checkbox"/> Overnight |
| 3. | | 3. _____ | |

Shipment Complete
 YES NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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 |