

## **DATA PACKAGE**

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 : Q1863**

**ATTENTION : Dean Devoe**



**Laboratory Certification ID # 20012**



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## Cover Page

**Order ID :** Q1863

**Project ID :** Transfer Station-SPDES

**Client :** Tully Environmental, Inc

### Lab Sample Number

Q1863-01  
Q1863-02  
Q1863-03  
Q1863-04

### Client Sample Number

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

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 1:25 pm, Apr 30, 2025*

Date: 4/25/2025

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**

**Project # N/A**

**Chemtech Project # Q1863**

**Test Name: Metals Group 10**

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

4 Water samples were received on 04/23/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Metals Group 10 and TSS. 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 criteria for all samples.

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

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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 1:25 pm, Apr 30, 2025*

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**

**Project # N/A**

**Chemtech Project # Q1863**

**Test Name: TSS**

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

4 Water samples were received on 04/23/2025.

**B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Metals Group 10 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\_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 1:25 pm, Apr 30, 2025*

## 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 “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
<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

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q1863

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: 04/25/2025

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

<b>SDG No.:</b>	Q1863	<b>Order ID:</b>	Q1863
<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(APR)</b>								
Q1863-03	001-WILLETS-PT-BLVD(APR)	Water	Copper	91.9		1.89	10.0	ug/L
Q1863-03	001-WILLETS-PT-BLVD(APR)	Water	Iron	2450		18.0	50.0	ug/L
Q1863-03	001-WILLETS-PT-BLVD(APR)	Water	Lead	4.40	J	1.21	6.00	ug/L
<b>Client ID : 002-35TH-AVE(APR)</b>								
Q1863-04	002-35TH-AVE(APR)	Water	Copper	93.7		1.89	10.0	ug/L
Q1863-04	002-35TH-AVE(APR)	Water	Iron	3190		18.0	50.0	ug/L
Q1863-04	002-35TH-AVE(APR)	Water	Lead	5.53	J	1.21	6.00	ug/L





# SAMPLE DATA

## Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	04/22/25
Project:	Transfer Station-SPDES	Date Received:	04/23/25
Client Sample ID:	001-WILLETS-PT-BLVD(APR)	SDG No.:	Q1863
Lab Sample ID:	Q1863-03	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	91.9		1	1.89	10.0	ug/L	04/23/25 13:25	04/23/25 18:08	EPA 200.7	
7439-89-6	Iron	2450		1	18.0	50.0	ug/L	04/23/25 13:25	04/23/25 18:08	EPA 200.7	
7439-92-1	Lead	4.40	J	1	1.21	6.00	ug/L	04/23/25 13:25	04/23/25 18:08	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:	04/22/25
Project:	Transfer Station-SPDES	Date Received:	04/23/25
Client Sample ID:	002-35TH-AVE(APR)	SDG No.:	Q1863
Lab Sample ID:	Q1863-04	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	93.7		1	1.89	10.0	ug/L	04/23/25 13:25	04/23/25 18:12	EPA 200.7	
7439-89-6	Iron	3190		1	18.0	50.0	ug/L	04/23/25 13:25	04/23/25 18:12	EPA 200.7	
7439-92-1	Lead	5.53	J	1	1.21	6.00	ug/L	04/23/25 13:25	04/23/25 18:12	EPA 200.7	

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

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## LAB CHRONICLE

<b>OrderID:</b>	Q1863	<b>OrderDate:</b>	4/23/2025 11:39:00 AM
<b>Client:</b>	Tully Environmental, Inc	<b>Project:</b>	Transfer Station-SPDES
<b>Contact:</b>	Dean Devoe	<b>Location:</b>	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q1863-03</b>	<b>001-WILLETS-PT-BLV D(APR)</b>	<b>Water</b>			<b>04/22/25</b>			<b>04/23/25</b>
			Metals Group 10	200.7		04/23/25	04/23/25	
<b>Q1863-04</b>	<b>002-35TH-AVE(APR)</b>	<b>Water</b>			<b>04/22/25</b>			<b>04/23/25</b>
			Metals Group 10	200.7		04/23/25	04/23/25	



# SAMPLE DATA

## Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	04/22/25 11:00
Project:	Transfer Station-SPDES	Date Received:	04/23/25
Client Sample ID:	001-WILLETS-PT-BLVD(MAR)	SDG No.:	Q1863
Lab Sample ID:	Q1863-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	17.3		1	1.00	4.00	mg/L		04/24/25 10:30	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

## Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	04/22/25 11:00
Project:	Transfer Station-SPDES	Date Received:	04/23/25
Client Sample ID:	002-35TH-AVE(MAR)	SDG No.:	Q1863
Lab Sample ID:	Q1863-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	17.3		1	1.00	4.00	mg/L		04/24/25 10:30	SM 2540 D-15

Comments:

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LOQ = Limit of Quantitation  
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## Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	04/22/25 11:00
Project:	Transfer Station-SPDES	Date Received:	04/23/25
Client Sample ID:	001-WILLETS-PT-BLVD(APR)	SDG No.:	Q1863
Lab Sample ID:	Q1863-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	33.7		1	1.00	4.00	mg/L		04/24/25 10:30	SM 2540 D-15

Comments: \_\_\_\_\_

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## Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	04/22/25 11:00
Project:	Transfer Station-SPDES	Date Received:	04/23/25
Client Sample ID:	002-35TH-AVE(APR)	SDG No.:	Q1863
Lab Sample ID:	Q1863-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	44.0		1	1.00	4.00	mg/L		04/24/25 10:30	SM 2540 D-15

Comments: \_\_\_\_\_

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## LAB CHRONICLE

<b>OrderID:</b>	Q1863	<b>OrderDate:</b>	4/23/2025 11:39:00 AM
<b>Client:</b>	Tully Environmental, Inc	<b>Project:</b>	Transfer Station-SPDES
<b>Contact:</b>	Dean Devoe	<b>Location:</b>	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q1863-01</b>	<b>001-WILLETS-PT-BLV D(MAR)</b>	<b>WATER</b>			<b>04/22/25 11:00</b>			<b>04/23/25</b>
			TSS	SM2540 D			04/24/25 10:30	
<b>Q1863-02</b>	<b>002-35TH-AVE(MAR)</b>	<b>WATER</b>			<b>04/22/25 11:00</b>			<b>04/23/25</b>
			TSS	SM2540 D			04/24/25 10:30	
<b>Q1863-03</b>	<b>001-WILLETS-PT-BLV D(APR)</b>	<b>WATER</b>			<b>04/22/25 11:00</b>			<b>04/23/25</b>
			TSS	SM2540 D			04/24/25 10:30	
<b>Q1863-04</b>	<b>002-35TH-AVE(APR)</b>	<b>WATER</b>			<b>04/22/25 11:00</b>			<b>04/23/25</b>
			TSS	SM2540 D			04/24/25 10:30	



# SHIPPING DOCUMENTS



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

### CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1863

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:																																		
PHONE: 718 446 7000 FAX:		PHONE: FAX:																																											
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION				ANALYSIS																																							
FAX: _____ DAYS*		* RESULTS ONLY <input type="checkbox"/> USEPA CLP				<table border="1"><tr><td>TSS</td><td>Cu, Pb, Fe</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>										TSS	Cu, Pb, Fe														1	2	3	4	5	6	7	8	9						
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																												
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9																													
1.	001 Willets Pt Blvd (Mar)	W		X	4/22/25	11AM	1	X										<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other																											
2.	002 35th Ave (Mar)	W		X	4/22/25	11AM	1	X																																					
3.	001 Willets Pt Blvd (Apr)	W		X	4/22/25	11AM	2	X	X																																				
4.	002 35th Ave (Apr)	W		X	4/22/25	11AM	2	X	X																																				
5.																																													
6.																																													
7.																																													
8.																																													
9.																																													
10.																																													
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																																													
RELINQUISHED BY SAMPLER	DATE/TIME April 22, 2025	RECEIVED BY	Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp 5.7°C																																										
1. D Devoe		1.	MeOH extraction requires an additional 4oz. Jar for percent solid																																										
RELINQUISHED BY	DATE/TIME 4/23/25	RECEIVED BY	Comments: (Adjust FACOL+1) in row #1																																										
2. Fede		2.																																											
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	SHIPPED VIA: CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight																																										
3.		3.	ALLIANCE: <input type="checkbox"/> Picked Up <input type="checkbox"/> Overnight																																										
Page _____ of _____																																													
SHIPMENT COMPLETE <input type="checkbox"/> YES <input type="checkbox"/> 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