

## 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

## LAB CHRONICLE

<b>OrderID:</b>	Q1707	<b>OrderDate:</b>	4/2/2025 3:16:00 PM
<b>Client:</b>	Tully Environmental, Inc	<b>Project:</b>	Transfer Station - SPDES 2025
<b>Contact:</b>	Dean Devoe	<b>Location:</b>	L12

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1707-01	001-WILLETS-PT-BLV D(MAR)	WATER	TSS	SM2540 D	04/01/25 14:00		04/03/25 09:30	04/02/25
Q1707-02	002-35TH-AVE(MAR)	WATER	TSS	SM2540 D	04/01/25 14:00		04/03/25 09:30	04/02/25



# SAMPLE DATA

## Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	04/01/25 14:00
Project:	Transfer Station - SPDES 2025	Date Received:	04/02/25
Client Sample ID:	001-WILLETS-PT-BLVD(MAR)	SDG No.:	Q1707
Lab Sample ID:	Q1707-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	54.0		1	1.00	4.00	mg/L		04/03/25 09:30	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

\* = 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:	04/01/25 14:00
Project:	Transfer Station - SPDES 2025	Date Received:	04/02/25
Client Sample ID:	002-35TH-AVE(MAR)	SDG No.:	Q1707
Lab Sample ID:	Q1707-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	64.0		1	1.00	4.00	mg/L		04/03/25 09:30	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

\* = 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



# QC RESULT SUMMARY

## Preparation Blank Summary

**Client:** Tully Environmental, Inc

**SDG No.:** Q1707

**Project:** Transfer Station - SPDES 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	<b>LB135277BL</b>						
TSS	mg/L	1	2.0000	J	1	4	04/03/2025

## Duplicate Sample Summary

<b>Client:</b> Tully Environmental, Inc	<b>SDG No.:</b> Q1707
<b>Project:</b> Transfer Station - SPDES 2025	<b>Sample ID:</b> Q1703-02
<b>Client ID:</b> COMPDUP	<b>Percent Solids for Spike Sample:</b> 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TSS	mg/L	+/-5	674		655		1	2.86		04/03/2025

### Laboratory Control Sample Summary

**Client:** Tully Environmental, Inc

**SDG No.:** Q1707

**Project:** Transfer Station - SPDES 2025

**Run No.:** LB135277

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135277BS							
TSS	mg/L	550	532		97	1	90-110	04/03/2025



# RAW DATA

# TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 04/02/2025

Run Number: LB135277

BalanceID: WC SC-6

OvenID: EXT OVEN-3

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 103 °C 04/02/2025 15:00 TEMP1 OUT: 104 °C 04/02/2025 16:00  
 TEMP2 IN: 103 °C 04/02/2025 16:30 TEMP2 OUT: 104 °C 04/02/2025 17:30  
 TEMP3 IN: 103 °C 04/03/2025 09:30 TEMP3 OUT: 104 °C 04/03/2025 11:00  
 TEMP4 IN: 103 °C 04/03/2025 11:30 TEMP4 OUT: 104 °C 04/03/2025 13:05

Dish #	Lab ID	Client ID	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Sample Volume (ml)	1st Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	2nd Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Final Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Weight (g)	Result mg/L
1	LB135277BL	LB135277BL	1.5963	1.5963	100	1.5964	1.5964	1.5964	0.0001	1
2	LB135277BS	LB135277BS	1.3025	1.3025	100	1.3557	1.3557	1.3557	0.0532	532
3	Q1666-01	TW-WTS-05	1.4861	1.4861	800	1.4944	1.4944	1.4944	0.0083	10.4
4	Q1703-02	COMP	1.4724	1.4724	100	1.5398	1.5398	1.5398	0.0674	674
5	Q1703-02DUP	COMPDUP	1.4832	1.4832	100	1.5487	1.5487	1.5487	0.0655	655
6	Q1707-01	001-WILLETS-PT-BLVD (MAR)	1.4082	1.4082	250	1.4217	1.4217	1.4217	0.0135	54
7	Q1707-02	002-35TH-AVE (MAR)	1.5012	1.5012	250	1.5172	1.5172	1.5172	0.0160	64

A = Sample Volume (ml)  
 B = Final Empty Dish Weight (g)  
 C = Final Empty Dish + Sample weight after 1.5 hr drying @105°C(g)  
 D = Weight (g)

Weight (g) = C - B

Result mg/L =  $\frac{D}{A} \times 1000 \times 1000$

# WORKLIST(Hardcopy Internal Chain)

W3135277

WorkList Name : TSS Q1695      WorkList ID : 188687      Department : Wet-Chemistry      Date : 04-03-2025 07:51:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1666-01	D TW-WTS-05	Water	TSS	Cool 4 deg C	ENTA05	I31	03/25/2025	SM2540 D
Q1703-02	C COMP	Water	TSS	Cool 4 deg C	ARAM01	L11	04/02/2025	SM2540 D
Q1707-01	B 001-WILLETS-PT-BLVD(MAR)	Water	TSS	Cool 4 deg C	TULL01	L12	04/01/2025	SM2540 D
Q1707-02	B 002-35TH-AVE(MAR)	Water	TSS	Cool 4 deg C	TULL01	L12	04/01/2025	SM2540 D

Date/Time 04/03/25 08:10

Raw Sample Received by: SB (2021)

Raw Sample Relinquished by: JD (SM)

Date/Time 04/03/25 13:00

Raw Sample Received by: JD (SM)

Raw Sample Relinquished by: SB (2021)

**Instrument ID:** WC SC-3

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135277**

Review By	jignesh	Review On	4/3/2025 11:33:37 AM
Supervise By	Iwona	Supervise On	4/3/2025 11:37:21 AM
SubDirectory	LB135277	Test	TSS
<b>STD. NAME</b>	<b>STD REF.#</b>		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB135277BL	LB135277BL	MB	04/03/25 09:30		jignesh	OK
2	LB135277BS	LB135277BS	LCS	04/03/25 09:30		jignesh	OK
3	Q1666-01	TW-WTS-05	SAM	04/03/25 09:30		jignesh	OK
4	Q1703-02	COMP	SAM	04/03/25 09:30		jignesh	OK
5	Q1703-02DUP	COMPDUP	DUP	04/03/25 09:30		jignesh	OK
6	Q1707-01	001-WILLETS-PT-BL	SAM	04/03/25 09:30		jignesh	OK
7	Q1707-02	002-35TH-AVE(MAR)	SAM	04/03/25 09:30		jignesh	OK

## Prep Standard - Chemical Standard Summary

**Order ID :** Q1707

**Test :** TSS

**Prepbatch ID :**

**Sequence ID/Qc Batch ID:** LB135277,

**Standard ID :**

**Chemical ID :**

**CHEMICAL RECEIPT LOG BOOK**

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
				/	/	



# SHIPPING DOCUMENTS



### 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