

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

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



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

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* = 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.: Q1628

Project: Transfer Station - SPDES 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB135145BL						
TSS	mg/L	1	2.0000	J	1	4	03/24/2025

Duplicate Sample Summary

Client: Tully Environmental, Inc	SDG No.: Q1628
Project: Transfer Station - SPDES 2025	Sample ID: Q1604-02
Client ID: FRAC-TANK-N45878DUP	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TSS	mg/L	+/-5	367		368		1	0.05		03/24/2025

Laboratory Control Sample Summary

Client: Tully Environmental, Inc

SDG No.: Q1628

Project: Transfer Station - SPDES 2025

Run No.: LB135145

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135145BS							
TSS	mg/L	550	532		97	1	90-110	03/24/2025



RAW DATA

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 03/21/2025

Run Number: LB135145

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 103 °C 03/21/2025 14:00 TEMP1 OUT: 104 °C 03/21/2025 15:00
 TEMP2 IN: 103 °C 03/21/2025 15:30 TEMP2 OUT: 104 °C 03/21/2025 16:30
 TEMP3 IN: 103 °C 03/24/2025 10:00 TEMP3 OUT: 104 °C 03/24/2025 11:30
 TEMP4 IN: 103 °C 03/24/2025 12:10 TEMP4 OUT: 104 °C 03/24/2025 14:00

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	LB135145BL	LB135145BL	1.3563	1.3563	100	1.3564	1.3564	1.3564	0.0001	1
2	LB135145BS	LB135145BS	1.3965	1.3965	100	1.4497	1.4497	1.4497	0.0532	532
3	Q1600-02	COMP	1.4719	1.4719	100	1.5438	1.5438	1.5438	0.0719	719
4	Q1604-02	FRAC-TANK-N45878	1.4747	1.4747	1000	1.8421	1.8421	1.8421	0.3674	367.4
5	Q1604-02DUP	FRAC-TANK-N45878DUP	1.3612	1.3612	1000	1.7288	1.7288	1.7288	0.3676	367.6
6	Q1606-11	N48965	1.4794	1.4794	1000	1.5121	1.5121	1.5121	0.0327	32.7
7	Q1618-01	TP20250320-01	1.4664	1.4664	1000	1.5841	1.5841	1.5841	0.1177	117.7
8	Q1618-02	TP20250320-02	1.4853	1.4853	1000	14.7400	14.7400	14.7400	13.2547	13254.7
9	Q1625-01	FRAC-TANK-A1291	1.4783	1.4783	400	1.7667	1.7667	1.7667	0.2884	721
10	Q1628-01	001-WILLETTS-PT-BLVD (MAR)	1.4875	1.4875	800	1.5274	1.5274	1.5274	0.0399	49.9
11	Q1628-02	002-35TH-AVE (MAR)	1.4851	1.4851	300	1.4997	1.4997	1.4997	0.0146	48.7

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)

135145

WorkList Name : TSS Q1618

WorkList ID : 188461

Department : Wet-Chemistry

Date : 03-24-2025 07:59:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1600-02	A COMP	Water	TSS	Cool 4 deg C	ARAM01	F11	03/19/2025	SM2540 D
Q1604-02	P, Q FRAC-TANK-N45878	Water	TSS	Cool 4 deg C	PSEG03	I41	03/19/2025	SM2540 D
Q1606-11	5 N48965	Water	TSS	Cool 4 deg C	PSEG03	I41	03/19/2025	SM2540 D
Q1618-01	E TP20250320-01	Water	TSS	Cool 4 deg C	PSEG03	I31	03/20/2025	SM2540 D
Q1618-02	D TP20250320-02	Water	TSS	Cool 4 deg C	PSEG03	I31	03/20/2025	SM2540 D
Q1625-01	L FRAC-TANK-A1291	Water	TSS	Cool 4 deg C	PSEG03	I11	03/21/2025	SM2540 D
Q1628-01	B 001-WILLETS-PT-BLVD(MAR)	Water	TSS	Cool 4 deg C	TULL01	I31	03/20/2025	SM2540 D
Q1628-02	B 002-35TH-AVE(MAR)	Water	TSS	Cool 4 deg C	TULL01	I31	03/20/2025	SM2540 D

Date/Time 03/24/25 08:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 03/24/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB135145

Review By	jignesh	Review On	3/24/2025 2:38:08 PM
Supervise By	Iwona	Supervise On	3/24/2025 2:41:30 PM
SubDirectory	LB135145	Test	TSS
STD. NAME	STD REF.#		
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	LB135145BL	LB135145BL	MB	03/24/25 10:00		jignesh	OK
2	LB135145BS	LB135145BS	LCS	03/24/25 10:00		jignesh	OK
3	Q1600-02	COMP	SAM	03/24/25 10:00		jignesh	OK
4	Q1604-02	FRAC-TANK-N45878	SAM	03/24/25 10:00		jignesh	OK
5	Q1604-02DUP	FRAC-TANK-N45878	DUP	03/24/25 10:00		jignesh	OK
6	Q1606-11	N48965	SAM	03/24/25 10:00		jignesh	OK
7	Q1618-01	TP20250320-01	SAM	03/24/25 10:00		jignesh	OK
8	Q1618-02	TP20250320-02	SAM	03/24/25 10:00		jignesh	OK
9	Q1625-01	FRAC-TANK-A1291	SAM	03/24/25 10:00		jignesh	OK
10	Q1628-01	001-WILLETS-PT-BL	SAM	03/24/25 10:00		jignesh	OK
11	Q1628-02	002-35TH-AVE(MAR)	SAM	03/24/25 10:00		jignesh	OK

Prep Standard - Chemical Standard Summary

Order ID : Q1628

Test : TSS

Prepbatch ID :

Sequence ID/Qc Batch ID: LB135145,

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



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

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1628

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:				ANALYSIS												
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION				PRESERVATIVES										COMMENTS		
FAX: _____ DAYS* HARD COPY: _____ DAYS* EDD _____ DAYS* * TO BE APPROVED BY ALLIANCE STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		* RESULTS ONLY ☐ USEPA CLP ☐ RESULTS + QC ☐ New York State ASP "B" ☐ New Jersey REDUCED ☐ New York State ASP "A" ☐ New Jersey CLP ☐ Other _____ ☐ EDD Format _____				TSS Cu, Pb, Fe 1 2 3 4 5 6 7 8 9										← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other		
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles											
			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 POSSESSION INCLUDING COURIER DELIVERY																		
RELINQUISHED BY SAMPLER		DATE/TIME		RECEIVED BY		Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp <u>4.8°C</u> MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler? <u>yes</u>												
1. D Devoe		March 20, 2025		1. _____		Comments:												
RELINQUISHED BY		DATE/TIME		RECEIVED BY														
2. _____		3-21-25		2. _____														
RELINQUISHED BY		DATE/TIME		RECEIVED FOR LAB BY														
3. _____				3. _____														
Page _____ of _____						SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight						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