

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:	P4967	OrderDate:	11/22/2024 11:12:00 AM
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
P4967-01	001-WILLETTS-PT-BLV D	WATER	TSS	SM2540 D	11/21/24 13:30		11/25/24 10:00	11/22/24
P4967-02	002-35TH-AVE	WATER	TSS	SM2540 D	11/21/24 13:30		11/25/24 10:00	11/22/24



SAMPLE DATA

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	11/21/24 13:30
Project:	Transfer Station-SPDES	Date Received:	11/22/24
Client Sample ID:	001-WILLETS-PT-BLVD	SDG No.:	P4967
Lab Sample ID:	P4967-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	38.8		1	1.00	4.00	mg/L		11/25/24 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:	11/21/24 13:30
Project:	Transfer Station-SPDES	Date Received:	11/22/24
Client Sample ID:	002-35TH-AVE	SDG No.:	P4967
Lab Sample ID:	P4967-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	57.6		1	1.00	4.00	mg/L		11/25/24 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



QC RESULT SUMMARY

Preparation Blank Summary

Client: Tully Environmental, Inc

SDG No.: P4967

Project: Transfer Station-SPDES

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB133608BL						
TSS	mg/L	< 2.0000	2.0000	U	1	4	11/25/2024

Duplicate Sample Summary

Client:	Tully Environmental, Inc	SDG No.:	P4967
Project:	Transfer Station-SPDES	Sample ID:	P4967-01
Client ID:	001-WILLETS-PT-BLVDDUP	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	38.8		40.0		1	3.05		11/25/2024

Laboratory Control Sample Summary

Client: Tully Environmental, Inc

SDG No.: P4967

Project: Transfer Station-SPDES

Run No.: LB133608

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133608BS							
TSS	mg/L	550	536		98	1	90-110	11/25/2024



RAW DATA

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: Niha

Date: 11/22/2024

Run Number: LB133608

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 103 °C 11/22/2024 14:00 TEMP1 OUT: 104 °C 11/22/2024 15:00
 TEMP2 IN: 103 °C 11/22/2024 15:30 TEMP2 OUT: 104 °C 11/22/2024 16:30
 TEMP3 IN: 104 °C 11/25/2024 10:00 TEMP3 OUT: 103 °C 11/25/2024 11:30
 TEMP4 IN: 104 °C 11/25/2024 12:00 TEMP4 OUT: 103 °C 11/25/2024 13:30

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	LB133608BL	LB133608BL	1.3786	1.3786	100	1.3786	1.3786	1.3786	0.0000	0
2	LB133608BS	LB133608BS	1.4025	1.4025	100	1.4561	1.4561	1.4561	0.0536	536
3	P4931-02	COMP	1.3987	1.3987	50	1.4184	1.4184	1.4184	0.0197	394
4	P4937-01	EFFLUENT	1.4033	1.4033	20	1.5300	1.5300	1.5300	0.1267	6335
5	P4937-04	AERATION TK 1	1.3991	1.3991	20	1.5060	1.5060	1.5060	0.1069	5345
6	P4947-01	A3988	1.3876	1.3876	750	1.4323	1.4323	1.4323	0.0447	59.6
7	P4967-01	001-WILLETTS-PT-BLVD	1.4068	1.4068	250	1.4165	1.4165	1.4165	0.0097	38.8
8	P4967-01DUP	001-WILLETTS-PT-BLVD DUP	1.4124	1.4124	250	1.4224	1.4224	1.4224	0.0100	40
9	P4967-02	002-35TH-AVE	1.4063	1.4063	250	1.4207	1.4207	1.4207	0.0144	57.6
10	P4969-01	TOWER-1	1.3946	1.3946	1750	1.4030	1.4030	1.4030	0.0084	4.8
11	P4969-03	TOWER-2	1.4004	1.4004	3000	1.4087	1.4087	1.4087	0.0083	2.8

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)

$$\text{Weight (g)} = C - B$$

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

WORKLIST(Hardcopy Internal Chain)

LB133608

WorkList Name : TSS-11212024 WorkList ID : 185656 Department : Wet-Chemistry Date : 11-21-2024 14:38:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4931-02	COMP	Water	TSS	Cool 4 deg C	ARAM01	M11	11/20/2024	SM2540 D
P4947-01	A3988	Water	TSS	Cool 4 deg C	PSEG03	L61	11/21/2024	SM2540 D
P4969-01	TOWER-1	Water	TSS	Cool 4 deg C	PSEG04	L61	11/22/2024	SM2540 D
P4969-03	TOWER-2	Water	TSS	Cool 4 deg C	PSEG04	L61	11/22/2024	SM2540 D
P4937-01	EFFLUENT	Water	TSS	Cool 4 deg C	HOLL01	M11	11/20/2024	SM2540 D
P4937-04	AERATION TK 1	Water	TSS	Cool 4 deg C	HOLL01	M11	11/20/2024	SM2540 D
P4967-01	001-WILLETS-PT-BLVD	Water	TSS	Cool 4 deg C	TULL01	L51	11/21/2024	SM2540 D
P4967-02	002-35TH-AVE	Water	TSS	Cool 4 deg C	TULL01	L51	11/21/2024	SM2540 D

Date/Time 11-25-2024, 08:30
 Raw Sample Received by: NFWCJ
 Raw Sample Relinquished by: [Signature]

Date/Time 11-25-2024, 11:0
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: NFWCJ

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB133608

Review By	Niha	Review On	11/25/2024 1:38:03 PM
Supervise By	Iwona	Supervise On	11/25/2024 1:46:47 PM
SubDirectory	LB133608	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	LB133608BL	LB133608BL	MB	11/25/24 10:00		Niha	OK
2	LB133608BS	LB133608BS	LCS	11/25/24 10:00		Niha	OK
3	P4931-02	COMP	SAM	11/25/24 10:00		Niha	OK
4	P4937-01	EFFLUENT	SAM	11/25/24 10:00		Niha	OK
5	P4937-04	AERATION TK 1	SAM	11/25/24 10:00		Niha	OK
6	P4947-01	A3988	SAM	11/25/24 10:00		Niha	OK
7	P4967-01	001-WILLETS-PT-BLV	SAM	11/25/24 10:00		Niha	OK
8	P4967-01DUP	001-WILLETS-PT-BLV	DUP	11/25/24 10:00		Niha	OK
9	P4967-02	002-35TH-AVE	SAM	11/25/24 10:00		Niha	OK
10	P4969-01	TOWER-1	SAM	11/25/24 10:00		Niha	OK
11	P4969-03	TOWER-2	SAM	11/25/24 10:00		Niha	OK

Prep Standard - Chemical Standard Summary

Order ID : P4967

Test : TSS

Prepbatch ID :

Sequence ID/Qc Batch ID: LB133608,

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

CHEMTECH

CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number

P4967/68

2041752

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Tully Environmental Inc
ADDRESS: 57 Seawall Blvd
CITY: Port Washington STATE: NY ZIP: 11050
ATTENTION: D Devoe
PHONE: 718 446 7000 FAX: 718 458 5999

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:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) ASAP 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

TSS Cu Pb Pb
LLH 1631
1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

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	W		X	11/24	130		X	X	X							
2.	002 35th Ave	W		X	11/24	130		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: 1. D Devoe	DATE/TIME: 11/21/24	RECEIVED BY: 1.	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 48/45 °C Comments:
RELINQUISHED BY SAMPLER: 2. FedEx	DATE/TIME: 11/22/24	RECEIVED BY: 2.	
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	

Page ____ of ____

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

Shipment Complete
☐ YES ☐ NO



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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