

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:	P4463	OrderDate:	10/21/2024 11:40:00 AM
Client:	Tully Environmental, Inc	Project:	Transfer Station-SPDES
Contact:	Dean Devoe	Location:	K51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4463-01	001-WILLETS-PT-BLV D(OCT)	WATER	TSS	SM2540 D	10/17/24 13:15		10/23/24 10:00	10/21/24
P4463-02	002-35TH-AVE(OCT)	WATER	TSS	SM2540 D	10/17/24 13:15		10/23/24 10:00	10/21/24



SAMPLE DATA

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	10/17/24 13:15
Project:	Transfer Station-SPDES	Date Received:	10/21/24
Client Sample ID:	001-WILLETS-PT-BLVD(OCT)	SDG No.:	P4463
Lab Sample ID:	P4463-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	160		1	1.00	4.00	mg/L		10/23/24 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:	10/17/24 13:15
Project:	Transfer Station-SPDES	Date Received:	10/21/24
Client Sample ID:	002-35TH-AVE(OCT)	SDG No.:	P4463
Lab Sample ID:	P4463-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	169		1	1.00	4.00	mg/L		10/23/24 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.: P4463

Project: Transfer Station-SPDES

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB133064BL						
TSS	mg/L	1	2.0000	J	1	4	10/23/2024

Duplicate Sample Summary

Client: Tully Environmental, Inc	SDG No.: P4463
Project: Transfer Station-SPDES	Sample ID: P4464-02
Client ID: 002-35TH-AVE(SEP)DUP	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	179		175		1	2.26		10/23/2024

Laboratory Control Sample Summary

Client: Tully Environmental, Inc

SDG No.: P4463

Project: Transfer Station-SPDES

Run No.: LB133064

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133064BS							
TSS	mg/L	550	532		97	1	90-110	10/23/2024



RAW DATA

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 10/22/2024

Run Number: LB133064

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 103 °C 10/22/2024 14:00 **TEMP1 OUT:** 104 °C 10/22/2024 15:00
TEMP2 IN: 103 °C 10/22/2024 15:30 **TEMP2 OUT:** 104 °C 10/22/2024 16:30
TEMP3 IN: 104 °C 10/23/2024 10:00 **TEMP3 OUT:** 103 °C 10/23/2024 11:30
TEMP4 IN: 104 °C 10/23/2024 12:00 **TEMP4 OUT:** 103 °C 10/23/2024 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	LB133064BL	LB133064BL	1.3556	1.3556	100	1.3557	1.3557	1.3557	0.0001	1
2	LB133064BS	LB133064BS	1.3658	1.3658	100	1.4190	1.4190	1.4190	0.0532	532
3	P4446-01	MC0JT7	1.4023	1.4023	1000	1.4036	1.4036	1.4036	0.0013	1.3
4	P4446-02	MC0JT8	1.4215	1.4215	100	1.4224	1.4224	1.4224	0.0009	9
5	P4446-03	MC0JW0	1.4164	1.4164	1000	1.4189	1.4189	1.4189	0.0025	2.5
6	P4446-04	MC0JW1	1.4311	1.4311	1000	1.4814	1.4814	1.4814	0.0503	50.3
7	P4446-05	MC0JW2	1.4086	1.4086	1000	1.4101	1.4101	1.4101	0.0015	1.5
8	P4446-06	MC0JW3	1.4038	1.4038	1000	1.4231	1.4231	1.4231	0.0193	19.3
9	P4446-07	MC0JW4	1.4124	1.4124	1000	1.4248	1.4248	1.4248	0.0124	12.4
10	P4447-01	MC0JS9	1.4191	1.4191	1000	1.4243	1.4243	1.4243	0.0052	5.2
11	P4447-02	MC0JT0	1.4153	1.4153	1000	1.4174	1.4174	1.4174	0.0021	2.1
12	P4447-03	MC0JT2	1.4110	1.4110	1000	1.4133	1.4133	1.4133	0.0023	2.3
13	P4447-04	MC0JT3	1.4393	1.4393	1000	1.4470	1.4470	1.4470	0.0077	7.7
14	P4447-05	MC0JT4	1.4193	1.4193	1000	1.4265	1.4265	1.4265	0.0072	7.2
15	P4447-06	MC0JT6	1.4211	1.4211	1000	1.4256	1.4256	1.4256	0.0045	4.5

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 10/22/2024

Run Number: LB133064

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 103 °C 10/22/2024 14:00 TEMP1 OUT: 104 °C 10/22/2024 15:00
 TEMP2 IN: 103 °C 10/22/2024 15:30 TEMP2 OUT: 104 °C 10/22/2024 16:30
 TEMP3 IN: 104 °C 10/23/2024 10:00 TEMP3 OUT: 103 °C 10/23/2024 11:30
 TEMP4 IN: 104 °C 10/23/2024 12:00 TEMP4 OUT: 103 °C 10/23/2024 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
16	P4447-07	MC0JW5	1.4290	1.4290	1000	1.4326	1.4326	1.4326	0.0036	3.6
17	P4463-01	001-WILLETTS-PT-BLVD (OCT)	1.4156	1.4156	100	1.4316	1.4316	1.4316	0.0160	160
18	P4463-02	002-35TH-AVE (OCT)	1.4043	1.4043	100	1.4212	1.4212	1.4212	0.0169	169
19	P4464-01	001-WILLETTS-PT-BLVD (SEP)	1.4036	1.4036	100	1.4196	1.4196	1.4196	0.0160	160
20	P4464-02	002-35TH-AVE (SEP)	1.4335	1.4335	100	1.4514	1.4514	1.4514	0.0179	179
21	P4464-02DUP	002-35TH-AVE (SEP) DUP	1.3906	1.3906	100	1.4081	1.4081	1.4081	0.0175	175
22	P4490-01	EFFLUENT	1.4085	1.4085	10	1.4886	1.4886	1.4886	0.0801	8010
23	P4490-04	AERATION-TK-1	1.4157	1.4157	10	1.4686	1.4686	1.4686	0.0529	5290

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)

W3 133064

WorkList Name : tss p4490

WorkList ID : 184673

Department : Wet-Chemistry

Date : 10-23-2024 08:03:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4446-01	MC0JT7	Water	TSS	Cool 4 deg C	TETR16	K51	10/15/2024	SM2540 D
P4446-02	MC0JT8	Water	TSS	Cool 4 deg C	TETR16	K51	10/15/2024	SM2540 D
P4446-03	MC0JW0	Water	TSS	Cool 4 deg C	TETR16	K51	10/15/2024	SM2540 D
P4446-04	MC0JW1	Water	TSS	Cool 4 deg C	TETR16	K51	10/15/2024	SM2540 D
P4446-05	MC0JW2	Water	TSS	Cool 4 deg C	TETR16	K51	10/15/2024	SM2540 D
P4446-06	MC0JW3	Water	TSS	Cool 4 deg C	TETR16	K51	10/15/2024	SM2540 D
P4446-07	MC0JW4	Water	TSS	Cool 4 deg C	TETR16	K51	10/15/2024	SM2540 D
P4447-01	MC0JS9	Water	TSS	Cool 4 deg C	TETR16	K51	10/15/2024	SM2540 D
P4447-02	MC0JT0	Water	TSS	Cool 4 deg C	TETR16	K51	10/15/2024	SM2540 D
P4447-03	MC0JT2	Water	TSS	Cool 4 deg C	TETR16	K51	10/15/2024	SM2540 D
P4447-04	MC0JT3	Water	TSS	Cool 4 deg C	TETR16	K51	10/15/2024	SM2540 D
P4447-05	MC0JT4	Water	TSS	Cool 4 deg C	TETR16	K51	10/15/2024	SM2540 D
P4447-06	MC0JT6	Water	TSS	Cool 4 deg C	TETR16	K51	10/15/2024	SM2540 D
P4447-07	MC0JW5	Water	TSS	Cool 4 deg C	TETR16	K51	10/15/2024	SM2540 D
P4463-01	001-WILLETS-PT-BLVD(OCT)	Water	TSS	Cool 4 deg C	TULL01	K51	10/17/2024	SM2540 D
P4463-02	002-35TH-AVE(OCT)	Water	TSS	Cool 4 deg C	TULL01	K51	10/17/2024	SM2540 D
P4464-01	001-WILLETS-PT-BLVD(SEP)	Water	TSS	Cool 4 deg C	TULL01	K41	10/17/2024	SM2540 D
P4464-02	002-35TH-AVE(SEP)	Water	TSS	Cool 4 deg C	TULL01	K41	10/17/2024	SM2540 D
P4490-01	EFFLUENT	Water	TSS	Cool 4 deg C	HOLL01	K11	10/22/2024	SM2540 D
P4490-04	AERATION-TK-1	Water	TSS	Cool 4 deg C	HOLL01	K11	10/22/2024	SM2540 D

Date/Time 10/23/24 08:15
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 10/23/24
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB133064

Review By	jignesh	Review On	10/23/2024 9:33:36 AM
Supervise By	Iwona	Supervise On	10/23/2024 10:03:00 AM
SubDirectory	LB133064	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	LB133064BL	LB133064BL	MB	10/23/24 10:00		jignesh	OK
2	LB133064BS	LB133064BS	LCS	10/23/24 10:00		jignesh	OK
3	P4446-01	MC0JT7	SAM	10/23/24 10:00		jignesh	OK
4	P4446-02	MC0JT8	SAM	10/23/24 10:00		jignesh	OK
5	P4446-03	MC0JW0	SAM	10/23/24 10:00		jignesh	OK
6	P4446-04	MC0JW1	SAM	10/23/24 10:00		jignesh	OK
7	P4446-05	MC0JW2	SAM	10/23/24 10:00		jignesh	OK
8	P4446-06	MC0JW3	SAM	10/23/24 10:00		jignesh	OK
9	P4446-07	MC0JW4	SAM	10/23/24 10:00		jignesh	OK
10	P4447-01	MC0JS9	SAM	10/23/24 10:00		jignesh	OK
11	P4447-02	MC0JT0	SAM	10/23/24 10:00		jignesh	OK
12	P4447-03	MC0JT2	SAM	10/23/24 10:00		jignesh	OK
13	P4447-04	MC0JT3	SAM	10/23/24 10:00		jignesh	OK
14	P4447-05	MC0JT4	SAM	10/23/24 10:00		jignesh	OK
15	P4447-06	MC0JT6	SAM	10/23/24 10:00		jignesh	OK
16	P4447-07	MC0JW5	SAM	10/23/24 10:00		jignesh	OK
17	P4463-01	001-WILLETS-PT-BL	SAM	10/23/24 10:00		jignesh	OK
18	P4463-02	002-35TH-AVE(OCT)	SAM	10/23/24 10:00		jignesh	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB133064

Review By	jignesh	Review On	10/23/2024 9:33:36 AM
Supervise By	Iwona	Supervise On	10/23/2024 10:03:00 AM
SubDirectory	LB133064	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		

19	P4464-01	001-WILLETS-PT-BLV	SAM	10/23/24 10:00		jignesh	OK
20	P4464-02	002-35TH-AVE(SEP)	SAM	10/23/24 10:00		jignesh	OK
21	P4464-02DUP	002-35TH-AVE(SEP)	DUP	10/23/24 10:00		jignesh	OK
22	P4490-01	EFFLUENT	SAM	10/23/24 10:00		jignesh	OK
23	P4490-04	AERATION-TK-1	SAM	10/23/24 10:00		jignesh	OK

Prep Standard - Chemical Standard Summary

Order ID : P4463

Test : TSS

Prepbatch ID :

Sequence ID/Qc Batch ID: LB133064,

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

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Tully Environmental Inc
ADDRESS: 57 Seaview Blvd
CITY: Pt Washington STATE: NY ZIP: 11050
ATTENTION: D Deroe
PHONE: 718 446 7000 FAX: 718 458 5199

CLIENT PROJECT INFORMATION

PROJECT NAME: Transfer Station SPDES
PROJECT NO.: 242113 LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Sam PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ 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 _____

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

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	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	001 Willets Pt Blvd (Det)	W		X	10/17	115	2	X	X									
2.	35th Ave (Det)	W		X	10/17	115	2	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. Deroe	DATE/TIME: 10/17/24	RECEIVED BY: 1.	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.9°C
RELINQUISHED BY SAMPLER: 2. FedEx	DATE/TIME: 10-21-24	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	Page ____ of ____
		CLIENT: ☐ Hand Delivered ☐ Other	Shipment Complete
		CHEMTECH: ☐ Picked Up ☐ Field Sampling	☐ 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 (L-A-B)	L2219
Maine	2024021
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488