

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 : P4856

ATTENTION : Dean Devoe



Laboratory Certification ID # 20012



1) Signature Page	3
2) Case Narrative	4
2.1) Metals-AES- Case Narrative	4
2.2) Genchem- Case Narrative	5
3) Qualifier Page	6
4) QA Checklist	7
5) Metals-AES Data	8
6) Genchem Data	13
7) Shipping Document	17
7.1) CHAIN OF CUSTODY	18
7.2) Lab Certificate	19

1
2
3
4
5
6
7

Cover Page

Order ID : P4856

Project ID : Transfer Station-SPDES

Client : Tully Environmental, Inc

Lab Sample Number

P4856-01
P4856-02

Client Sample Number

001-WILLETS-PT-BLVD(OCT)
002-35TH-AVE(OCT)

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 :

N. N. Pandya

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 10:51 am, Nov 26, 2024

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 # P4856

Test Name: Metals Group 10

A. Number of Samples and Date of Receipt:

2 Water samples were received on 11/14/2024.

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 (001-WILLETTS-PT-BLVD(OCT)MS) analysis met criteria for all samples except for Iron due to Chemical interference during Digestion Process.

The Matrix Spike Duplicate (001-WILLETTS-PT-BLVD(OCT)MSD) analysis met criteria for all samples except for Iron due to Chemical interference during Digestion Process.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable 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 _____

N. N. Pandya

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 10:51 am, Nov 26, 2024



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 # P4856

Test Name: TSS

A. Number of Samples and Date of Receipt:

2 Water samples were received on 11/14/2024.

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 N. N. Pandya

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 10:51 am, Nov 26, 2024

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P4856

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: 11/26/2024

Hit Summary Sheet
SW-846

SDG No.: P4856 **Order ID:** P4856
Client: Tully Environmental, Inc **Project ID:** Transfer Station-SPDES

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 001-WILLETS-PT-BLVD(OCT)								
P4856-01	001-WILLETS-PT-BLVD(OCT)	Water	Copper	15.0		1.52	10.0	ug/L
P4856-01	001-WILLETS-PT-BLVD(OCT)	Water	Iron	4940		12.4	50.0	ug/L
P4856-01	001-WILLETS-PT-BLVD(OCT)	Water	Lead	18.3		1.57	6.00	ug/L
Client ID : 002-35TH-AVE(OCT)								
P4856-02	002-35TH-AVE(OCT)	Water	Copper	12.6		1.52	10.0	ug/L
P4856-02	002-35TH-AVE(OCT)	Water	Iron	4910		12.4	50.0	ug/L
P4856-02	002-35TH-AVE(OCT)	Water	Lead	17.1		1.57	6.00	ug/L



SAMPLE DATA

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	11/13/24
Project:	Transfer Station-SPDES	Date Received:	11/14/24
Client Sample ID:	001-WILLETS-PT-BLVD(OCT)	SDG No.:	P4856
Lab Sample ID:	P4856-01	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	15.0		1	1.52	10.0	ug/L	11/15/24 09:20	11/15/24 13:52	EPA 200.7	
7439-89-6	Iron	4940	N	1	12.4	50.0	ug/L	11/15/24 09:20	11/15/24 13:52	EPA 200.7	
7439-92-1	Lead	18.3		1	1.57	6.00	ug/L	11/15/24 09:20	11/15/24 13:52	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:	11/13/24
Project:	Transfer Station-SPDES	Date Received:	11/14/24
Client Sample ID:	002-35TH-AVE(OCT)	SDG No.:	P4856
Lab Sample ID:	P4856-02	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	12.6		1	1.52	10.0	ug/L	11/15/24 09:20	11/15/24 14:17	EPA 200.7	
7439-89-6	Iron	4910	N	1	12.4	50.0	ug/L	11/15/24 09:20	11/15/24 14:17	EPA 200.7	
7439-92-1	Lead	17.1		1	1.57	6.00	ug/L	11/15/24 09:20	11/15/24 14:17	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

LAB CHRONICLE

OrderID:	P4856	OrderDate:	11/14/2024 11:48:00 AM
Client:	Tully Environmental, Inc	Project:	Transfer Station-SPDES
Contact:	Dean Devoe	Location:	L23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4856-01	001-WILLETS-PT-BLV D(OCT)	Water			11/13/24			11/14/24
			Metals Group 10	200.7		11/15/24	11/15/24	
P4856-02	002-35TH-AVE(OCT)	Water			11/13/24			11/14/24
			Metals Group 10	200.7		11/15/24	11/15/24	



SAMPLE DATA

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	11/13/24 15:00
Project:	Transfer Station-SPDES	Date Received:	11/14/24
Client Sample ID:	001-WILLETS-PT-BLVD(OCT)	SDG No.:	P4856
Lab Sample ID:	P4856-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	40.4		1	1.00	4.00	mg/L		11/15/24 09:00	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:	11/13/24 15:00
Project:	Transfer Station-SPDES	Date Received:	11/14/24
Client Sample ID:	002-35TH-AVE(OCT)	SDG No.:	P4856
Lab Sample ID:	P4856-02	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		11/15/24 09:00	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

LAB CHRONICLE

OrderID:	P4856	OrderDate:	11/14/2024 11:48:00 AM
Client:	Tully Environmental, Inc	Project:	Transfer Station-SPDES
Contact:	Dean Devoe	Location:	L23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4856-01	001-WILLETS-PT-BLV D(OCT)	WATER			11/13/24 15:00			11/14/24
			TSS	SM2540 D			11/15/24 09:00	
P4856-02	002-35TH-AVE(OCT)	WATER			11/13/24 15:00			11/14/24
			TSS	SM2540 D			11/15/24 09:00	



SHIPPING DOCUMENTS

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Tully Environmental Inc
ADDRESS: 127-50 Northern Blvd
CITY: Flushing STATE: NY ZIP: 11368
ATTENTION: D Devoe
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: 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

Fe-Cu-Pb
TSS

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 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 (Oct)	W		X	11/13	3pm		X	X								
2.	002 35th Ave (Oct)	W		X	11/13	3pm		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: 11/13/24	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP 4.3 °C
RELINQUISHED BY SAMPLER: 2. [Signature]	DATE/TIME: 1049 11-14-24	RECEIVED BY: 2. [Signature]	Comments: If G... 1
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME:	RECEIVED BY: 3. [Signature]	

Page ____ of ____

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

Shipment Complete
☐ YES ☐ NO

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