

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 : P5138

ATTENTION : Dean Devoe



Laboratory Certification ID # 20012



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Cover Page

Order ID : P5138

Project ID : Transfer Station-SPDES

Client : Tully Environmental, Inc

Lab Sample Number

P5138-01
P5138-02

Client Sample Number

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

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 : _____

Date: 12/11/2024

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 # P5138

Test Name: Metals Group 10

A. Number of Samples and Date of Receipt:

2 Water samples were received on 12/05/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Metals Group 10, Oil and Grease 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 analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

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_____



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 # P5138

Test Name: Oil and Grease,TSS

A. Number of Samples and Date of Receipt:

2 Water samples were received on 12/05/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Metals Group 10, Oil and Grease and TSS. This data package contains results for Oil and Grease,TSS.

C. Analytical Techniques:

The analysis of Oil and Grease was based on method 1664A and 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 Matrix Spike analysis met criteria for all samples.

The Matrix Spike 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:

As per method 1664A, MS/MSD is required to be performed with the sample analysis.

However, Lab did not receive sufficient volume to perform the MS/MSD for P5138 therefore Lab reported MS-MSD from P5141 and P5146.

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_____

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 #: P5138

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: 12/11/2024

Hit Summary Sheet
SW-846

SDG No.: P5138 **Order ID:** P5138
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(NOV)								
P5138-01	001-WILLETS-PT-BLVD(NOV)	Water	Copper	16.0		1.52	10.0	ug/L
P5138-01	001-WILLETS-PT-BLVD(NOV)	Water	Iron	5250		12.4	50.0	ug/L
P5138-01	001-WILLETS-PT-BLVD(NOV)	Water	Lead	24.1		1.57	6.00	ug/L
Client ID : 002-35TH-AVE(NOV)								
P5138-02	002-35TH-AVE(NOV)	Water	Copper	15.5		1.52	10.0	ug/L
P5138-02	002-35TH-AVE(NOV)	Water	Iron	5210		12.4	50.0	ug/L
P5138-02	002-35TH-AVE(NOV)	Water	Lead	23.5		1.57	6.00	ug/L



SAMPLE DATA

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	12/04/24
Project:	Transfer Station-SPDES	Date Received:	12/05/24
Client Sample ID:	001-WILLETS-PT-BLVD(NOV)	SDG No.:	P5138
Lab Sample ID:	P5138-01	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	16.0		1	1.52	10.0	ug/L	12/06/24 11:10	12/06/24 17:22	EPA 200.7	
7439-89-6	Iron	5250		1	12.4	50.0	ug/L	12/06/24 11:10	12/06/24 17:22	EPA 200.7	
7439-92-1	Lead	24.1		1	1.57	6.00	ug/L	12/06/24 11:10	12/06/24 17:22	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:	12/04/24
Project:	Transfer Station-SPDES	Date Received:	12/05/24
Client Sample ID:	002-35TH-AVE(NOV)	SDG No.:	P5138
Lab Sample ID:	P5138-02	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	15.5		1	1.52	10.0	ug/L	12/06/24 11:10	12/06/24 17:44	EPA 200.7	
7439-89-6	Iron	5210		1	12.4	50.0	ug/L	12/06/24 11:10	12/06/24 17:44	EPA 200.7	
7439-92-1	Lead	23.5		1	1.57	6.00	ug/L	12/06/24 11:10	12/06/24 17:44	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
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 OR = Over Range
 N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	P5138	OrderDate:	12/5/2024 12:23:00 PM
Client:	Tully Environmental, Inc	Project:	Transfer Station-SPDES
Contact:	Dean Devoe	Location:	L51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5138-01	001-WILLETS-PT-BLV D(NOV)	Water			12/04/24			12/05/24
			Metals Group 10	200.7		12/06/24	12/06/24	
P5138-02	002-35TH-AVE(NOV)	Water			12/04/24			12/05/24
			Metals Group 10	200.7		12/06/24	12/06/24	



SAMPLE DATA

Report of Analysis

Client:	Tully Environmental, Inc	Date Collected:	12/04/24 13:30
Project:	Transfer Station-SPDES	Date Received:	12/05/24
Client Sample ID:	001-WILLETS-PT-BLVD(NOV)	SDG No.:	P5138
Lab Sample ID:	P5138-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	27.2		1	0.40	5.00	mg/L		12/06/24 10:30	1664A
TSS	101		1	1.00	4.00	mg/L		12/09/24 11:00	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:	12/04/24 13:30
Project:	Transfer Station-SPDES	Date Received:	12/05/24
Client Sample ID:	002-35TH-AVE(NOV)	SDG No.:	P5138
Lab Sample ID:	P5138-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	25.8		1	0.40	5.00	mg/L		12/06/24 10:30	1664A
TSS	109		1	1.00	4.00	mg/L		12/09/24 11:00	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
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LAB CHRONICLE

OrderID:	P5138	OrderDate:	12/5/2024 12:23:00 PM
Client:	Tully Environmental, Inc	Project:	Transfer Station-SPDES
Contact:	Dean Devoe	Location:	L51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5138-01	001-WILLETS-PT-BLV D(NOV)	WATER			12/04/24 13:30			12/05/24
			Oil and Grease	1664A			12/06/24 10:30	
			TSS	SM2540 D			12/09/24 11:00	
P5138-02	002-35TH-AVE(NOV)	WATER			12/04/24 13:30			12/05/24
			Oil and Grease	1664A			12/06/24 10:30	
			TSS	SM2540 D			12/09/24 11:00	



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. **P5138**
QUOTE NO. **P5138**
COC Number **2041827**

CLIENT INFORMATION

COMPANY: **Tally Environmental (Inc)**
ADDRESS: **57 Seaview Blvd**
CITY: **Pt Washington** STATE: **NJ** ZIP: **11050**
ATTENTION: **D Deve**
PHONE: **728 446 7000** FAX: **784 585 199**

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) **3** 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

DRG Cu, Fe, Pb TSS

1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---

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 W. Rets Pt Blvd (Nor)	W		X	12/4	130		X	X	X								
2.	002 35th Ave (Nor)	W		X	12/4	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 Deve	DATE/TIME: 12/4/24	RECEIVED BY: 1.	Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP 33°C
RELINQUISHED BY SAMPLER: 2. FedEx	DATE/TIME: 12-5-24 120	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	Page ____ of ____ CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other CHEMTECH: <input type="checkbox"/> Picked Up <input type="checkbox"/> Field Sampling

Shipment Complete ☐ YES ☐ NO

7
7.1

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