

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: Q1948 ATTENTION: Dean Devoe



Laboratory Certification ID # 20012





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Cover Page

- **Order ID :** Q1948
- **Project ID :** Transfer Station-SPDES
 - Client : Tully Environmental, Inc

Lab Sample Number

Q1948-01 Q1948-02

Client Sample Number

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

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: 5/8/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

21

Tully Environmental, Inc Project Name: Transfer Station-SPDES Project # N/A Chemtech Project # Q1948 Test Name: Metals Group 10

A. Number of Samples and Date of Receipt:

2 Water samples were received on 05/02/2025.

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 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_____



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CASE NARRATIVE

2.2

Tully Environmental, Inc Project Name: Transfer Station-SPDES Project # N/A Chemtech Project # Q1948 Test Name: TSS

A. Number of Samples and Date of Receipt:

2 Water samples were received on 05/02/2025.

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_____



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
Ε	Indicates the reported value is estimated because of the presence of interference
Μ	Indicates Duplicate injection precision not met.
Ν	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 OR	 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 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
Н	Sample Analysis Out Of Hold Time



APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1948

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 Castody 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

Completed



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Hit Summary Sheet SW-846

SDG No.: Client:	Q1948 Tully Environmental, Inc			Order ID: Project ID:		Q1948 Transfer Station-SPDES		
Sample ID	Client ID	Matrix	Parameter	Concentration	С	MDL	RDL	Units
Client ID :	001-WILLETS-PT-BLVD(APR)							
Q1948-01	001-WILLETS-PT-BLVD(APR)	Water	Copper	7.77	J	1.89	10.0	ug/L
Q1948-01	001-WILLETS-PT-BLVD(APR)	Water	Iron	6720		18.0	50.0	ug/L
Q1948-01	001-WILLETS-PT-BLVD(APR)	Water	Lead	7.62		1.21	6.00	ug/L
Client ID :	002-35TH-AVE(APR)							
O1948-02	002-35TH-AVE(APR)	Water	Copper	7.77	J	1.89	10.0	ug/I
	()				J			ug/L
Q1948-02	002-35TH-AVE(APR)	Water	Iron	7600		18.0	50.0	ug/L
Q1948-02	002-35TH-AVE(APR)	Water	Lead	8.19		1.21	6.00	ug/L

B C

D





A B C D



7439-89-6 Iron

7439-92-1 Lead

6720

7.62

1

1

18.0

1.21

ug/L

ug/L

05/05/25 10:20 05/06/25 16:38 EPA 200.7

05/05/25 10:20 05/06/25 16:38 EPA 200.7

Report of Analysis

	Client:		Tull	y Envir	onme	ental, Inc			Date Collected	: 05/0	1/25			С
	Project:		Trar	sfer Sta	tion-	SPDES			Date Received	. 05/0	2/25			D
	Client Sam	ple ID:	001-	WILLE	ETS-I	PT-BLVD(APR))		SDG No.:	Q19	48			
	Lab Sampl	e ID:	Q19	48-01					Matrix:	Wate	er			
	Level (low	/med):	low						% Solid:	0				
(Cas I	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep 1	Met.	
,	7440-50-8	Copper	7.77	J	1	1.89	10.0	ug/L	05/05/25 10:20	05/06/25 16:38	B EPA 200.7			

50.0

6.00

Color Before:	Colorless	Clarity Before:	Cloudy	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group 10			
MDL = Metho LOD = Limit o	of Quantitation and Detection Limit			 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.
D = Dilution Q = indicates I	LCS control criteria did not m	neet requirements		OR = Over Range N =Spiked sample recovery not within control limits
Q1948			10 ი	f 18

10 of 18

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7439-92-1 Lead

ug/L

05/05/25 10:20 05/06/25 16:42 EPA 200.7

Report of Analysis

						Report or	Allalysis					в
Client:		Tull	ly Envir	onme	ental, Inc			Date Collected	: 05/0	1/25		С
Project:		Trar	nsfer St	ation-	SPDES			Date Received	: 05/02	2/25		D
Client S	ample ID:	002-	-35TH-	AVE((APR)			SDG No.:	Q194	48		
Lab San	nple ID:	Q19	948-02					Matrix:	Wate	er		
Level (le	ow/med):	low						% Solid:	0			
Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	L Units	Prep Date	Date Ana.	Ana Met.	Prep Met.	_
7440-50-8 7439-89-6	Copper Iron	7.77 7600	J	1 1	1.89 18.0	10.0 50.0	ug/L ug/L	05/05/25 10:20 05/05/25 10:20	05/06/25 16:42 05/06/25 16:42			-

6.00

1.21

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8.19

Color Before:	Colorless	Clarity Before:	Cloudy	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group 10			
MDL = Metho LOD = Limit o D = Dilution	of Quantitation d Detection Limit of Detection			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.
Q = indicates I	LCS control criteria did not r	neet requirements		OR = Over Range N =Spiked sample recovery not within control limits
Q1948			11 o	f 18

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A B C D

LAB CHRONICLE

OrderID: Client: Contact:	Q1948 Tully Environmental, Inc Dean Devoe			OrderDate: Project: Location:	5/2/2025 11:56: Transfer Statior L41			
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1948-01	001-WILLETS-PT-BLV D(APR)	Water			05/01/25			05/02/25
			Metals Group 10	200.7		05/05/25	05/06/25	
Q1948-02	002-35TH-AVE(APR)	Water	Metals Group 10	200.7	05/01/25	05/05/25	05/06/25	05/02/25





В



В

Report of Analysis

Client:	Tully Env	vironmental, Inc			Date Collected:	05/01/25 1	3:00
Project:	Transfer S	Station-SPDES			Date Received:	05/02/25	
Client Sample ID:	002-35TH	H-AVE(APR)			SDG No.:	Q1948	
Lab Sample ID:	Q1948-02	2			Matrix:	WATER	
					% Solid:	0	
Parameter	Conc. Qua	. DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	34.3	1 1.00	4.00	mg/L		05/05/25 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

- E = Indicates the reported value is estimated because of the presence of interference.
- OR = Over Range
- N =Spiked sample recovery not within control limits

^{* =} indicates the duplicate analysis is not within control limits.



A B C

6

LAB CHRONICLE

OrderID: Client: Contact:	Q1948 Tully Environmental, Inc Dean Devoe			OrderDate: Project: Location:	5/2/2025 11:56: Transfer Statior L41			
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1948-02	002-35TH-AVE(APR)	WATER			05/01/25 13:00			05/02/25
			TSS	SM2540 D			05/05/25 10:00	



<u>SHIPPING</u> DOCUMENTS

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	Alliance (908) 789-8900 www.c							Mountainside, NJ 07092 Fax: (908) 788-9222 nemtech.net					ect N	łumb	er:		01948			
TECHNIC	CAL GROU	J P		CHAIN OF CUST	TODY RECORD						COC Number:								- ⁶ .	
	CLIENT INFOR	MATION		PR	OJECT	INFO	ORMATIC	N		BILLING INFORMAT								ITAN	ION	
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DDRESS: 57 Seav	iew Blvd			PROJECT #: 252113			LOCATIO	N:		ADDF	RESS:							_		
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TO BE APPROVE			-	New Jersey CLP			Other		1-1	1	2	3	4	5	6	7	8	9	1	
TANDARD TURNAROUND TIME IS 10 BUSINESS DAYS												PF	RESE	ERVA	_	s			COMMENTS	
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SAMPLE	SAMPLE		ATION	MATRIX	COMP	GRAB	DATE	TIME	5		_	3		_		7	8	9	C-H2SO4 D-NaOH E-ICE F-Other	
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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