

DATA PACKAGE

SUB - DATA

PROJECT NAME : TRANSFER STATION-SPDES

TULLY ENVIRONMENTAL, INC

127-50 Northern Blvd.

Flushing, NY - 11368

Phone No: 718-446-7000

ORDER ID : P4465

ATTENTION : Dean Devoe



Cover Page

Order ID : P4465

Project ID : Transfer Station-SPDES

Client : Tully Environmental, Inc

Lab Sample Number

P4465-01

Client Sample Number

002-35TH-AVE(SEP)

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: 10/28/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



Summit Environmental Technologies, Inc.
3310 Win St.
Cuyahoga Falls, Ohio 44223
TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

October 23, 2024

PM
AAS-NEW
284 Sheffield Street
Mountainside, NJ 07092
TEL:
FAX:
RE: P4465

Dear PM:

Order No.: 24101661

Summit Environmental Technologies, Inc. received 1 sample(s) on 10/22/2024 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted in the Case Narrative.

Quality control data is within laboratory defined or method specified acceptance limits except where noted.

If you have any questions regarding these tests results, please feel free to call the laboratory.

Sincerely,

Jennifer Woolf

Project Manager

3310 Win St.
Cuyahoga Falls, Ohio 44223

Arkansas 88-0735, California 2943, Colorado, Connecticut PH-0108, Florida NELAC E87688, Idaho OH00923, Illinois 200061, Indiana C-OH-13, ISO/IEC 17025:2017 119125 L22-544, Kansas E-10347, Kentucky (Underground Storage Tank) 3, Kentucky 90146, Maryland 339, Michigan 9988, Minnesota 1780279, Nevada OH009232020-1, New Hampshire 2996, New Jersey OH006, New York 11777, North Carolina 39705 and 631, North Dakota R-201, Ohio DW, Ohio VAP CL0052, Oklahoma 2019-155, Oregon OH200001, Pennsylvania 68-01335, Rhode Island LA000317, South Carolina 92016001, Texas T104704466-19-16, Utah OH009232020-12, Virginia VELAP 10381, West Virginia 9957C



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Case Narrative

WO#: 24101661
Date: 10/23/2024

Project: P4465

WorkOrder Narrative:

24101661: This report in its entirety consists of the following documents: Cover Letter, Case Narrative, Analytical Results, QC Summary Report, Applicable Accreditation Information, Chain-of-Custody, Cooler Receipt Form, and other applicable forms as necessary. All documents contain the Summit Environmental Technologies, Inc., Work Order Number assigned to this report.

Summit Environmental Technologies, Inc., holds the accreditations/certifications listed at the bottom of the cover letter that may or may not pertain to this report. Please refer to the "Accreditation Program Analytes Report" for accredited analytes list.

The information contained in this analytical report is the sole property of Summit Environmental Technologies, Inc. and that of the customer. It cannot be reproduced in any form without the consent of Summit Environmental Technologies, Inc. or the customer for which this report was issued. The results contained in this report are only representative of the samples received. Conditions can vary at different times and at different sampling conditions. Summit Environmental Technologies, Inc. is not responsible for use or interpretation of the data included herein.

All results for Solid Samples are reported on an "as received" or "wet weight" basis unless indicated as "dry weight" using the "-dry" designation on the reporting units.

This report is believed to meet all of the requirements of the accrediting agency, where applicable. Any comments or problems with the analytical events associated with this report are noted below.

Analytical Sequence Sample Notes:

24101661-001A HG-LL_NPW(1631): Z: Method Deviation: Sample was received without an associated Field or Trip Blank for Low Level Mercury Analysis.

Original

These commonly used Qualifiers and Acronyms may or may not be present in this report.

Qualifiers

U	The compound was analyzed for but was not detected above the MDL.
J	The reported value is greater than the Method Detection Limit but less than the Reporting Limit.
H	The hold time for sample preparation and/or analysis was exceeded. Not Clean Water Act compliant.
D	The result is reported from a dilution.
E	The result exceeded the linear range of the calibration or is estimated due to interference.
MC	The result is below the Minimum Compound Limit.
*	The result exceeds the Regulatory Limit or Maximum Contamination Limit.
m	Manual integration was used to determine the area response.
d	Manual integration in which peak was deleted
N	The result is presumptive based on a Mass Spectral library search assuming a 1:1 response.
P	The second column confirmation exceeded 25% difference.
C	The result has been confirmed by GC/MS.
X	The result was not confirmed when GC/MS Analysis was performed.
B	The analyte was detected in the Method Blank at a concentration greater than the RL.
MB+	The analyte was detected in the Method Blank at a concentration greater than the MDL.
G	The ICB or CCB contained reportable amounts of analyte.
QC-/+	The CCV recovery failed low (-) or high (+).
R/QDR	The RPD was outside of accepted recovery limits.
QL-/+	The LCS or LCSD recovery failed low (-) or high (+).
QLR	The LCS/LCSD RPD was outside of accepted recovery limits.
QM-/+	The MS or MSD recovery failed low (-) or high (+).
QMR	The MS/MSD RPD was outside of accepted recovery limits.
QV-/+	The ICV recovery failed low (-) or high (+).
S	The spike result was outside of accepted recovery limits.
W	Samples were received outside temperature limits (0° – 6° C). Not Clean Water Act compliant.
Z	Deviation; A deviation from the method was performed; Please refer to the Case Narrative for additional information

Acronyms

ND	Not Detected	RL	Reporting Limit
QC	Quality Control	MDL	Method Detection Limit
MB	Method Blank	LOD	Level of Detection
LCS	Laboratory Control Sample	LOQ	Level of Quantitation
LCSD	Laboratory Control Sample Duplicate	PQL	Practical Quantitation Limit
QCS	Quality Control Sample	CRQL	Contract Required Quantitation Limit
DUP	Duplicate	PL	Permit Limit
MS	Matrix Spike	RegLvl	Regulatory Limit
MSD	Matrix Spike Duplicate	MCL	Maximum Contamination Limit
RPD	Relative Percent Different	MinCL	Minimum Compound Limit
ICV	Initial Calibration Verification	RA	Reanalysis
ICB	Initial Calibration Blank	RE	Reextraction
CCV	Continuing Calibration Verification	TIC	Tentatively Identified Compound
CCB	Continuing Calibration Blank	RT	Retention Time
RLC	Reporting Limit Check	CF	Calibration Factor

This list of Qualifiers and Acronyms reflects the most commonly utilized Qualifiers and Acronyms for reporting. Please refer to the Analytical Notes in the Case Narrative for any Qualifiers or Acronyms that do not appear in this list or for additional information regarding the use of these Qualifiers on reported data.



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Workorder Sample Summary

WO#: 24101661
23-Oct-24

CLIENT: AAS-NEW
Project: P4465

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
24101661-001	002-35TH-AVE(SEP)		10/17/2024 1:00:00 PM	10/22/2024 9:55:00 AM	Non-Potable Water



SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

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DATES REPORT

WO#: 24101661
23-Oct-24

Client: AAS-NEW
Project: P4465

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	Leachate Date	Prep Date	Analysis Date
24101661-001A	002-35TH-AVE(SEP)	10/17/2024 1:00:00 PM	Non-Potable Water	Low-Level Mercury (EPA 1631)			10/23/2024 9:39:24 AM

Original



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TEL: (330) 253-8211 FAX: (330) 253-4489
Website: <http://www.settek.com>

WO#: 24101661
Date Reported: 10/23/2024
Company: AAS-NEW
Address: 284 Sheffield Street
Mountainside NJ 07092
Received: 10/22/2024
Project#: P4465

Client ID#	Lab ID#	Collected	Analyte	Result	Units	Qual	Matrix	Method	DF	MDL	PQL	Run	Analyst
002-35TH-AVE(SEP)	001	10/17/2024	Mercury	60.7	ng/L	Z	Non-Potable Water	EPA 1631 E	1	0.416	0.500	10/23/2024	TAL

NOTES:

Z: Method Deviation: Sample was received without an associated Field or Trip Blank for Low Level Mercury Analysis.



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Accreditation Program Analytes Report

WO#: 24101661
23-Oct-24

Client: AAS-NEW

State: NY

Project: P4465

Program Name: DW_WW_SCM_NI

Sample ID	Matrix	Test Name	Analyte	Status
24101661-001A	Non-Potable Water	Low-Level Mercury (EPA 1631)	Mercury	A

AL	U	Unavailable	AR	A	Accredited	LA-NELA	A	Accredited
CO	U	Unavailable	CT	A	Accredited	IL-NELAI	A	Accredited
HI-DW	U	Unavailable	IA	N	Not Accredited	IL-NELAF	A	Accredited
IN_DW	U	Unavailable	S - NELA	N	Not Accredited	KY_UST	N	Not Accredited

Original #1



Summit Environmental Technologies, Inc.
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QC SUMMARY REPORT

WO#: 24101661
23-Oct-24

Client: AAS-NEW
Project: P4465

BatchID: R195615

Sample ID: mblank1	SampType: MBLK	TestCode: HG-LL_NPW(Units: ng/L				Prep Date:				RunNo: 195615		
Client ID: PBW	Batch ID: R195615	TestNo: E1631				Analysis Date: 10/23/2024				SeqNo: 5292967		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Mercury	ND	0.500									U	

Sample ID: RLC	SampType: RLC	TestCode: HG-LL_NPW(Units: ng/L				Prep Date:			RunNo: 195615		
Client ID: BatchQC	Batch ID: R195615	TestNo: E1631				Analysis Date: 10/23/2024			SeqNo: 5292969		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.579	0.500	0.5000	0	116	50	150				

Sample ID: LCS	SampType: LCS	TestCode: HG-LL_NPW(Units: ng/L				Prep Date:			RunNo: 195615		
Client ID: LCSW	Batch ID: R195615	TestNo: E1631				Analysis Date: 10/23/2024			SeqNo: 5292970		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	45.7	0.500	50.00	0	91.5	72	128				

Sample ID: mblank2	SampType: MBLK	TestCode: HG-LL_NPW(Units: ng/L				Prep Date:				RunNo: 195615		
Client ID: PBW	Batch ID: R195615	TestNo: E1631				Analysis Date: 10/23/2024				SeqNo: 5292971		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Mercury	ND	0.500									U	

Qualifiers: H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
RL Reporting Detection Limit

ND Not Detected
U Samples with CalcVal < MDL

Original



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QC SUMMARY REPORT

WO#: 24101661
23-Oct-24

Client: AAS-NEW
Project: P4465

BatchID: R195615

Sample ID: mblank2		SampType: MBLK		TestCode: HG-LL_NPW(Units: ng/L		Prep Date:				RunNo: 195615			
Client ID: PBW		Batch ID: R195615		TestNo: E1631		Analysis Date: 10/23/2024				SeqNo: 5292971			
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: LFB	SampType: LCS	TestCode: HG-LL_NPW(Units: ng/L				Prep Date:				RunNo: 195615		
Client ID: LCSW	Batch ID: R195615	TestNo: E1631				Analysis Date: 10/23/2024				SeqNo: 5292978		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Mercury	46.1	0.500	50.00	0	92.1	72	128					

Sample ID: LFBD	SampType: LCSD	TestCode: HG-LL_NPW(Units: ng/L				Prep Date:			RunNo: 195615		
Client ID: LCSS02	Batch ID: R195615	TestNo: E1631				Analysis Date: 10/23/2024			SeqNo: 5292979		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	47.3	0.500	50.00	0	94.7	72	128	46.07	2.71	24	

Sample ID: mblank3	SampType: MBLK	TestCode: HG-LL_NPW(Units: ng/L				Prep Date:				RunNo: 195615		
Client ID: PBW	Batch ID: R195615	TestNo: E1631				Analysis Date: 10/23/2024				SeqNo: 5292980		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Mercury	ND	0.500									U	

Qualifiers: H Holding times for preparation or analysis exceeded
PL Permit Limit
W Sample container temperature is out of limit as specified at testcode

M Manual Integration used to determine area response
RL Reporting Detection Limit

ND Not Detected
U Samples with CalcVal < MDL

Original

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 2042056

P4464/65

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Tully Environmental Inc
ADDRESS: 87-Seaview Blvd
CITY: Pt Washington STATE: NY ZIP: 11050
ATTENTION: D Dene
PHONE: 718 446 7000 FAX: 718 458 5199

CLIENT PROJECT INFORMATION

PROJECT NAME: Transfer Station SITES
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) 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
Cu Fe Pb
TSS
Hg 1631LL
BTGX

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS ← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	001 Willets Pt Blvd (sep)	W		X	10/17	1pm	4	X	X		X						
2.	002 35th Ave (sep)	W		X	10/17	1pm	4	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 Dene	DATE/TIME: 10/17/24	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 5.3°C °C Comments:
RELINQUISHED BY SAMPLER: 2. FedEx	DATE/TIME: 10/21/24 1130	RECEIVED BY: 2. [Signature]	
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	

Page ____ of ____

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

Shipment Complete
☐ YES ☐ NO

24101661

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
COMPANY : Summit Enviromental Technologies I	ORDER ID : P4465	BILL TO: CHEMTECH PO# : P4464
ADDRESS : 3310 Win St	PROJECT ID: Transfer Station-SPDES	ADDRESS : 284, Sheffield Street
CITY: Cuyahoga State : Ohio ZIP : 44223	PROJECT MANAGER Yazmeen	CITY: Mountainside State : NJ ZIP : 07092
E-mail :	E-mail : YAZMEEN@CHEMTECH.NET	ATTENTION : Yazmeen
PHONE : 330-253-8211	PHONE : (908) 789 8900 FAX: (908) 789 8922	PHONE : (908) 789 8900 FAX : (908) 789 8922

EDD : EXCEL NOCLEAN

Report : Results Only

Comment :

ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION		# OF BOTTLES	TAT DAYS
						DATE	TIME		
01	002-35TH-AVE(SEP)	Water	Low-Level Mercury - sub	Cool 4 deg C	1631	10/17/2024	13:00:00	2	5

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGES POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATETIME:	RECEIVED BY: 10/22/24	Conditions of bottles or Coolers at receipt:	<input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant	Cooler Temp _____ Ice or Cooler? _____
1. JT		1. C. G. LOESS			
RELINQUISHED BY:	DATETIME:	RECEIVED BY:	3.9-0.1=3.8		
2.		2.	Redox cooler 7794 1029 0053		
RELINQUISHED BY:	DATETIME:	RECEIVED BY:	Page 10 of 11	<input type="checkbox"/> OVERNIGHT	Shipment Complete:
3.		3.	Page 1 of 1	<input type="checkbox"/> OVERNIGHT	<input type="checkbox"/> YES <input type="checkbox"/> NO

Sample Log-In Check List

Client Name: CHE-NJ-07972

Work Order Number: 24101661

RcptNo: 1

Logged by: Anthony W. Britton 10/22/2024 9:55:00 AM
Completed By: Anthony W. Britton 10/22/2024 2:19:51 PM
Reviewed By: Jennifer Woolf 10/23/2024 10:28:41 AM

Anthony Britton
Anthony Britton
Jennifer Woolf

Chain of Custody

1. Is Chain of Custody complete? Yes ☐ No ☒ Not Present ☐
2. How was the sample delivered? FedEx
Tracking No.: 779410290053

Log In

3. Coolers are present? Yes ☒ No ☐ NA ☐
4. Shipping container/cooler in good condition? Yes ☒ No ☐
Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒
No. Seal Date: Signed By:
5. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
6. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

18. Additional remarks:

Date and time of relinquish left blank on COC.

Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.8	Good	Not Present			