

**DATA PACKAGE
GENERAL CHEMISTRY**

PROJECT NAME : R36720

**TETRA TECH, EMI
240 Continental Drive, Suite 200**

**Newark, DE - 19713
Phone No: 302-738-7551**

**ORDER ID : P4897
ATTENTION : Ava Heiss**



Laboratory Certification ID # 20012



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Cover Page

Order ID : P4897

Project ID : R36720

Client : Tetra Tech, EMI

Lab Sample Number

P4897-01
P4897-02
P4897-03
P4897-04
P4897-05
P4897-06
P4897-07
P4897-08
P4897-09

Client Sample Number

MC0K55
MC0K56
MC0K57
MC0K58
MC0K59
MC0K60
MC0K62
MC0K63
MC0K88

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: 11/25/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

CASE NARRATIVE

Tetra Tech, EMI

Project Name: R36720

Project # N/A

Chemtech Project # P4897

Test Name: TSS

A. Number of Samples and Date of Receipt:

9 Water samples were received on 11/16/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: 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
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

GENERAL CHEMISTRY CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: P4897

MATRIX: Water

METHOD: SM2540 D

	NA	NO	YES
1. Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
2. Matrix Spike Duplicate Recoveries Met Criteria			✓
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
The Blank Spike met requirements for all samples.			
3. Sample Duplicate Analysis Met QC Criteria			✓
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
4. Digestion Holding Time Met			✓
If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

QA REVIEW

Date

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P4897

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: 11/25/2024

LAB CHRONICLE

OrderID:	P4897	OrderDate:	11/18/2024 10:10:00 AM
Client:	Tetra Tech, EMI	Project:	R36720
Contact:	Ava Heiss	Location:	L51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4897-01	MC0K55	WATER	TSS	SM2540 D	11/14/24 13:20		11/20/24 10:00	11/16/24
P4897-02	MC0K56	WATER	TSS	SM2540 D	11/14/24 12:30		11/20/24 10:00	11/16/24
P4897-03	MC0K57	WATER	TSS	SM2540 D	11/14/24 14:40		11/20/24 10:00	11/16/24
P4897-04	MC0K58	WATER	TSS	SM2540 D	11/14/24 10:45		11/20/24 10:00	11/16/24
P4897-05	MC0K59	WATER	TSS	SM2540 D	11/14/24 11:20		11/20/24 10:00	11/16/24
P4897-06	MC0K60	WATER	TSS	SM2540 D	11/14/24 13:00		11/20/24 10:00	11/16/24
P4897-07	MC0K62	WATER	TSS	SM2540 D	11/14/24 11:05		11/20/24 10:00	11/16/24

LAB CHRONICLE

P4897-08	MC0K63	WATER			11/14/24 13:30		11/16/24
			TSS	SM2540 D		11/20/24 10:00	
P4897-09	MC0K88	WATER			11/14/24 12:15		11/16/24
			TSS	SM2540 D		11/20/24 10:00	



SAMPLE DATA

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12
13

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/24 13:20
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	MC0K55	SDG No.:	P4897
Lab Sample ID:	P4897-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	78.0		1	1.00	4.00	mg/L		11/20/24 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:	Tetra Tech, EMI	Date Collected:	11/14/24 12:30
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	MC0K56	SDG No.:	P4897
Lab Sample ID:	P4897-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	1.10	J	1	1.00	4.00	mg/L		11/20/24 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:	Tetra Tech, EMI	Date Collected:	11/14/24 14:40
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	MC0K57	SDG No.:	P4897
Lab Sample ID:	P4897-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	5.60		1	1.00	4.00	mg/L		11/20/24 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:	Tetra Tech, EMI	Date Collected:	11/14/24 10:45
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	MC0K58	SDG No.:	P4897
Lab Sample ID:	P4897-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	1.00	U	1	1.00	4.00	mg/L		11/20/24 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:	Tetra Tech, EMI	Date Collected:	11/14/24 11:20
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	MC0K59	SDG No.:	P4897
Lab Sample ID:	P4897-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	2.10	J	1	1.00	4.00	mg/L		11/20/24 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:	Tetra Tech, EMI	Date Collected:	11/14/24 13:00
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	MC0K60	SDG No.:	P4897
Lab Sample ID:	P4897-06	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	2.40	J	1	1.00	4.00	mg/L		11/20/24 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:	Tetra Tech, EMI	Date Collected:	11/14/24 11:05
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	MC0K62	SDG No.:	P4897
Lab Sample ID:	P4897-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	1.00	U	1	1.00	4.00	mg/L		11/20/24 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:	Tetra Tech, EMI	Date Collected:	11/14/24 13:30
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	MC0K63	SDG No.:	P4897
Lab Sample ID:	P4897-08	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	48.4		1	1.00	4.00	mg/L		11/20/24 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:	Tetra Tech, EMI	Date Collected:	11/14/24 12:15
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	MC0K88	SDG No.:	P4897
Lab Sample ID:	P4897-09	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	2.00	J	1	1.00	4.00	mg/L		11/20/24 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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Preparation Blank Summary

Client: Tetra Tech, EMI

SDG No.: P4897

Project: R36720

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB133537BL						
TSS	mg/L	< 2.0000	2.0000	U	1	4	11/20/2024

Duplicate Sample Summary

Client:	Tetra Tech, EMI	SDG No.:	P4897
Project:	R36720	Sample ID:	P4898-06
Client ID:	MC0K69DUP	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	1.80	J	1.80	J	1	0		11/20/2024

Laboratory Control Sample Summary

Client: Tetra Tech, EMI

SDG No.: P4897

Project: R36720

Run No.: LB133537

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133537BS							
TSS	mg/L	550	544		99	1	90-110	11/20/2024



RAW DATA

- 1
- 2
- 3
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- 5
- 6
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- 8
- 9
- 10
- 11
- 12
- 13

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: Niha

Date: 11/19/2024

Run Number: LB133537

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 104 °C 11/19/2024 14:00 TEMP1 OUT: 103 °C 11/19/2024 15:00
 TEMP2 IN: 103 °C 11/19/2024 15:30 TEMP2 OUT: 104 °C 11/19/2024 16:30
 TEMP3 IN: 103 °C 11/20/2024 10:00 TEMP3 OUT: 104 °C 11/20/2024 11:30
 TEMP4 IN: 104 °C 11/20/2024 12:00 TEMP4 OUT: 103 °C 11/20/2024 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	LB133537BL	LB133537BL	1.3927	1.3927	100	1.3927	1.3927	1.3927	0.0000	0
2	LB133537BS	LB133537BS	1.3953	1.3953	100	1.4497	1.4497	1.4497	0.0544	544
3	P4897-01	MC0K55	1.3825	1.3825	1000	1.4605	1.4605	1.4605	0.0780	78
4	P4897-02	MC0K56	1.3972	1.3972	1000	1.3983	1.3983	1.3983	0.0011	1.1
5	P4897-03	MC0K57	1.3913	1.3913	1000	1.3969	1.3969	1.3969	0.0056	5.6
6	P4897-04	MC0K58	1.3848	1.3848	1000	1.3856	1.3856	1.3856	0.0008	0.8
7	P4897-05	MC0K59	1.3747	1.3747	1000	1.3768	1.3768	1.3768	0.0021	2.1
8	P4897-06	MC0K60	1.3912	1.3912	1000	1.3936	1.3936	1.3936	0.0024	2.4
9	P4897-07	MC0K62	1.3828	1.3828	1000	1.3833	1.3833	1.3833	0.0005	0.5
10	P4897-08	MC0K63	1.3958	1.3958	1000	1.4442	1.4442	1.4442	0.0484	48.4
11	P4897-09	MC0K88	1.3949	1.3949	1000	1.3969	1.3969	1.3969	0.0020	2
12	P4898-01	MC0K64	1.3977	1.3977	1000	1.3989	1.3989	1.3989	0.0012	1.2
13	P4898-02	MC0K65	1.3978	1.3978	1000	1.3983	1.3983	1.3983	0.0005	0.5
14	P4898-03	MC0K66	1.3989	1.3989	1000	1.4000	1.4000	1.4000	0.0011	1.1
15	P4898-04	MC0K67	1.3872	1.3872	1000	1.3898	1.3898	1.3898	0.0026	2.6

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: Niha

Date: 11/19/2024

Run Number: LB133537

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 104 °C 11/19/2024 14:00 TEMP1 OUT: 103 °C 11/19/2024 15:00
 TEMP2 IN: 103 °C 11/19/2024 15:30 TEMP2 OUT: 104 °C 11/19/2024 16:30
 TEMP3 IN: 103 °C 11/20/2024 10:00 TEMP3 OUT: 104 °C 11/20/2024 11:30
 TEMP4 IN: 104 °C 11/20/2024 12:00 TEMP4 OUT: 103 °C 11/20/2024 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	P4898-05	MC0K68	1.3862	1.3862	1000	1.3900	1.3900	1.3900	0.0038	3.8
17	P4898-06	MC0K69	1.3989	1.3989	1000	1.4007	1.4007	1.4007	0.0018	1.8
18	P4898-06DUP	MC0K69DUP	1.3950	1.3950	1000	1.3968	1.3968	1.3968	0.0018	1.8
19	P4898-09	MC0K70	1.3899	1.3899	1000	1.3919	1.3919	1.3919	0.0020	2

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)

LB133537

WorkList Name : TSS-11182024

WorkList ID : 185536

Department : Wet-Chemistry

Date : 11-18-2024 13:11:48

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4897-01	MC0K55	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4897-02	MC0K56	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4897-03	MC0K57	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4897-04	MC0K58	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4897-05	MC0K59	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4897-06	MC0K60	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4898-04	MC0K67	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4898-05	MC0K68	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4898-06	MC0K69	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4898-09	MC0K70	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4897-07	MC0K62	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4897-08	MC0K63	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4897-09	MC0K88	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4898-01	MC0K64	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4898-02	MC0K65	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D
P4898-03	MC0K66	Water	TSS	Cool 4 deg C	TETR16	L51	11/14/2024	SM2540 D

Date/Time 11.20.2024, 08:45
Raw Sample Received by: NF(wc)
Raw Sample Relinquished by: [Signature]

Date/Time 11.20.2024, 12:00
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: NF(wc)

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB133537

Review By	Niha	Review On	11/20/2024 2:48:37 PM
Supervise By	Iwona	Supervise On	11/20/2024 3:04:11 PM
SubDirectory	LB133537	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	LB133537BL	LB133537BL	MB	11/20/24 10:00		Niha	OK
2	LB133537BS	LB133537BS	LCS	11/20/24 10:00		Niha	OK
3	P4897-01	MC0K55	SAM	11/20/24 10:00		Niha	OK
4	P4897-02	MC0K56	SAM	11/20/24 10:00		Niha	OK
5	P4897-03	MC0K57	SAM	11/20/24 10:00		Niha	OK
6	P4897-04	MC0K58	SAM	11/20/24 10:00		Niha	OK
7	P4897-05	MC0K59	SAM	11/20/24 10:00		Niha	OK
8	P4897-06	MC0K60	SAM	11/20/24 10:00		Niha	OK
9	P4897-07	MC0K62	SAM	11/20/24 10:00		Niha	OK
10	P4897-08	MC0K63	SAM	11/20/24 10:00		Niha	OK
11	P4897-09	MC0K88	SAM	11/20/24 10:00		Niha	OK
12	P4898-01	MC0K64	SAM	11/20/24 10:00		Niha	OK
13	P4898-02	MC0K65	SAM	11/20/24 10:00		Niha	OK
14	P4898-03	MC0K66	SAM	11/20/24 10:00		Niha	OK
15	P4898-04	MC0K67	SAM	11/20/24 10:00		Niha	OK
16	P4898-05	MC0K68	SAM	11/20/24 10:00		Niha	OK
17	P4898-06	MC0K69	SAM	11/20/24 10:00		Niha	OK
18	P4898-06DUP	MC0K69DUP	DUP	11/20/24 10:00		Niha	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB133537

Review By	Niha	Review On	11/20/2024 2:48:37 PM
Supervise By	Iwona	Supervise On	11/20/2024 3:04:11 PM
SubDirectory	LB133537	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	P4898-09	MC0K70	SAM	11/20/24 10:00		Niha	OK
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Prep Standard - Chemical Standard Summary

Order ID : P4897

Test : TSS

Prepbatch ID :

Sequence ID/Qc Batch ID: LB133537,

Standard ID :

Chemical ID :

1
2
3
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11
12
13

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
				/	/	

1
2
3
4
5
6
7
8
9
10
11
12
13



SHIPPING DOCUMENTS

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

No: 3-111324-161249-0098

Lab: Chemtech Lab

Lab Contact: Yazmeen Gomez

Lab Phone: (908) 728-3147

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
ET-WWW-01-20241114	MC0K55	Waste Water/ START	Grab	TSS(14)	3024 (4 C) (1)	WWW-01	11/14/2024 13:20	
ET-WWW-02-20241114	MC0K56	Waste Water/ START	Grab	TSS(14)	3027 (4 C) (1)	WWW-02	11/14/2024 12:30	
ET-WWW-03-20241114	MC0K57	Waste Water/ START	Grab	TSS(14)	3030 (4 C) (1)	WWW-03	11/14/2024 14:40	
ET-WWW-04-20241114	MC0K58	Waste Water/ START	Grab	TSS(14)	3033 (4 C) (1)	WWW-04	11/14/2024 10:45	
ET-WWW-05-20241114	MC0K59	Waste Water/ START	Grab	TSS(14)	3036 (4 C) (1)	WWW-05	11/14/2024 11:20	
ET-WWW-06-20241114	MC0K60	Waste Water/ START	Grab	TSS(14)	3039 (4 C) (1)	WWW-06	11/14/2024 13:00	
ET-WWW-08-20241114	MC0K62	Waste Water/ START	Grab	TSS(14)	3045 (4 C) (1)	WWW-08	11/14/2024 11:05	
ET-TW-01-20241114	MC0K63	Treatment Water/ START	Grab	TSS(14)	3048 (4 C) (1)	TW-01	11/14/2024 13:30	
ET-DUP-05-20241114	MC0K88	Waste Water/ START	Grab	TSS(14)	3095 (4 C) (1)	DUP-05	11/14/2024 12:15	

Shipment for Case Complete? N	Samples Transferred From Chain of Custody #

Analysis Key: TSS=Total Suspended Solids

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
sample pop off	Emilia/STHET	11/15/20 1236		11-16-24 0905	4.9% EIL SWW #1
					custody & safe not lost
					Eup 214- passed

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