

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

A

B

C

D

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

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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: _____

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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

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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: _____

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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

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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

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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

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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

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QC RESULT SUMMARY

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