

LAB CHRONICLE

OrderID: P4990	OrderDate: 11/25/2024 10:14:00 AM
Client: Tetra Tech, EMI	Project: R36720
Contact: Ava Heiss	Location: L61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4990-01	MC0KB5	WATER	TSS	SM2540 D	11/21/24 12:10		11/26/24 10:00	11/23/24
P4990-02	MC0KB6	WATER	TSS	SM2540 D	11/21/24 11:00		11/26/24 10:00	11/23/24
P4990-03	MC0KB7	WATER	TSS	SM2540 D	11/21/24 13:15		11/26/24 10:00	11/23/24
P4990-04	MC0KB8	WATER	TSS	SM2540 D	11/21/24 09:55		11/26/24 10:00	11/23/24
P4990-05	MC0KB9	WATER	TSS	SM2540 D	11/21/24 10:45		11/26/24 10:00	11/23/24
P4990-06	MC0KC2	WATER	TSS	SM2540 D	11/21/24 10:30		11/26/24 10:00	11/23/24
P4990-07	MC0KC4	WATER	TSS	SM2540 D	11/21/24 11:55		11/26/24 10:00	11/23/24



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 12:10
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	MC0KB5	SDG No.:	P4990
Lab Sample ID:	P4990-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	4.20		1	1.00	4.00	mg/L		11/26/24 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:	11/21/24 11:00
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	MC0KB6	SDG No.:	P4990
Lab Sample ID:	P4990-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	3.60	J	1	1.00	4.00	mg/L		11/26/24 10:00	SM 2540 D-15

Comments: _____

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LOQ = Limit of Quantitation

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 13:15
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	MC0KB7	SDG No.:	P4990
Lab Sample ID:	P4990-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	3.50	J	1	1.00	4.00	mg/L		11/26/24 10:00	SM 2540 D-15

Comments: _____

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 09:55
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	MC0KB8	SDG No.:	P4990
Lab Sample ID:	P4990-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	5.30		1	1.00	4.00	mg/L		11/26/24 10:00	SM 2540 D-15

Comments: _____

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 10:45
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	MC0KB9	SDG No.:	P4990
Lab Sample ID:	P4990-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	15.0		1	1.00	4.00	mg/L		11/26/24 10:00	SM 2540 D-15

Comments: _____

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 10:30
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	MC0KC2	SDG No.:	P4990
Lab Sample ID:	P4990-06	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	2.60	J	1	1.00	4.00	mg/L		11/26/24 10:00	SM 2540 D-15

Comments: _____

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 11:55
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	MC0KC4	SDG No.:	P4990
Lab Sample ID:	P4990-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	9.60		1	1.00	4.00	mg/L		11/26/24 10:00	SM 2540 D-15

Comments: _____

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QC RESULT SUMMARY

Preparation Blank Summary

Client: Tetra Tech, EMI

SDG No.: P4990

Project: R36720

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB133644BL						
TSS	mg/L	< 2.0000	2.0000	U	1	4	11/26/2024

Duplicate Sample Summary

Client:	Tetra Tech, EMI	SDG No.:	P4990
Project:	R36720	Sample ID:	P4997-04
Client ID:	14B-4DUP	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	4480		4520		1	0.89		11/26/2024

Laboratory Control Sample Summary

Client: Tetra Tech, EMI

SDG No.: P4990

Project: R36720

Run No.: LB133644

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133644BS							
TSS	mg/L	550	540		98	1	90-110	11/26/2024