

LAB CHRONICLE

OrderID:	P4506	OrderDate:	10/23/2024 11:04:00 AM
Client:	Tetra Tech, EMI	Project:	R36720
Contact:	Ava Heiss	Location:	K61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4506-01	MC0JX3	WATER	TSS	SM2540 D	10/21/24 14:40		10/24/24 09:30	10/23/24
P4506-02	MC0JX4	WATER	TSS	SM2540 D	10/21/24 14:00		10/24/24 09:30	10/23/24
P4506-03	MC0JX5	WATER	TSS	SM2540 D	10/21/24 15:45		10/24/24 09:30	10/23/24
P4506-04	MC0JX6	WATER	TSS	SM2540 D	10/21/24 12:00		10/24/24 09:30	10/23/24
P4506-05	MC0JX7	WATER	TSS	SM2540 D	10/21/24 13:00		10/24/24 09:30	10/23/24
P4506-06	MC0JX8	WATER	TSS	SM2540 D	10/21/24 14:30		10/24/24 09:30	10/23/24
P4506-07	MC0JX9	WATER	TSS	SM2540 D	10/21/24 12:30		10/24/24 09:30	10/23/24

LAB CHRONICLE

P4506-08	MC0JY0	WATER			10/21/24 12:25	10/23/24
			TSS	SM2540 D		10/24/24 09:30



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/21/24 14:40
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JX3	SDG No.:	P4506
Lab Sample ID:	P4506-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	2.80	J	1	1.00	4.00	mg/L		10/24/24 09:30	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:	10/21/24 14:00
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JX4	SDG No.:	P4506
Lab Sample ID:	P4506-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	6.20		1	1.00	4.00	mg/L		10/24/24 09:30	SM 2540 D-15

Comments: _____

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/21/24 15:45
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JX5	SDG No.:	P4506
Lab Sample ID:	P4506-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	16.9		1	1.00	4.00	mg/L		10/24/24 09:30	SM 2540 D-15

Comments: _____

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H = Sample Analysis Out Of Hold Time

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N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/21/24 12:00
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JX6	SDG No.:	P4506
Lab Sample ID:	P4506-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	11.1		1	1.00	4.00	mg/L		10/24/24 09:30	SM 2540 D-15

Comments:

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H = Sample Analysis Out Of Hold Time

J = Estimated Value

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/21/24 13:00
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JX7	SDG No.:	P4506
Lab Sample ID:	P4506-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	23.3		1	1.00	4.00	mg/L		10/24/24 09:30	SM 2540 D-15

Comments:

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/21/24 14:30
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JX8	SDG No.:	P4506
Lab Sample ID:	P4506-06	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	2.50	J	1	1.00	4.00	mg/L		10/24/24 09:30	SM 2540 D-15

Comments: _____

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/21/24 12:30
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JX9	SDG No.:	P4506
Lab Sample ID:	P4506-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	1.60	J	1	1.00	4.00	mg/L		10/24/24 09:30	SM 2540 D-15

Comments: _____

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H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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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:	10/21/24 12:25
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JY0	SDG No.:	P4506
Lab Sample ID:	P4506-08	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	1.70	J	1	1.00	4.00	mg/L		10/24/24 09:30	SM 2540 D-15

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QC RESULT SUMMARY

Preparation Blank Summary

Client: Tetra Tech, EMI

SDG No.: P4506

Project: R36720

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB133104BL						
TSS	mg/L	< 2.0000	2.0000	U	1	4	10/24/2024

Duplicate Sample Summary

Client:	Tetra Tech, EMI	SDG No.:	P4506
Project:	R36720	Sample ID:	P4491-02
Client ID:	COMPDUP	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	667		681		1	2.08		10/24/2024

Laboratory Control Sample Summary

Client: Tetra Tech, EMI

SDG No.: P4506

Project: R36720

Run No.: LB133104

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133104BS							
TSS	mg/L	550	542		98	1	90-110	10/24/2024