

LAB CHRONICLE

OrderID:	P4649	OrderDate:	10/31/2024 11:09:00 AM
Client:	Tetra Tech, EMI	Project:	R36720
Contact:	Ava Heiss	Location:	K61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4649-01	MC0JZ7	WATER	TSS	SM2540 D	10/29/24 12:20		11/04/24 09:30	10/31/24
P4649-02	MC0JZ9	WATER	TSS	SM2540 D	10/29/24 12:30		11/04/24 09:30	10/31/24
P4649-03	MC0K01	WATER	TSS	SM2540 D	10/29/24 12:45		11/04/24 09:30	10/31/24
P4649-04	MC0K04	WATER	TSS	SM2540 D	10/29/24 12:40		11/04/24 09:30	10/31/24
P4649-05	MC0K06	WATER	TSS	SM2540 D	10/29/24 12:05		11/04/24 09:30	10/31/24
P4649-06	MC0K08	WATER	TSS	SM2540 D	10/29/24 11:20		11/04/24 09:30	10/31/24
P4649-07	MC0K10	WATER	TSS	SM2540 D	10/29/24 10:20		11/04/24 09:30	10/31/24

LAB CHRONICLE

P4649-08	MC0K12	WATER			10/29/24 11:05		10/31/24
			TSS	SM2540 D		11/04/24 09:30	
P4649-09	MC0K14	WATER			10/29/24 11:50		10/31/24
			TSS	SM2540 D		11/04/24 09:30	
P4649-10	MC0K16	WATER			10/29/24 10:40		10/31/24
			TSS	SM2540 D		11/04/24 09:30	
P4649-11	MC0K18	WATER			10/29/24 12:55		10/31/24
			TSS	SM2540 D		11/04/24 09:30	
P4649-12	MC0K20	WATER			10/29/24 11:35		10/31/24
			TSS	SM2540 D		11/04/24 09:30	
P4649-13	MC0K22	WATER			10/29/24 09:45		10/31/24
			TSS	SM2540 D		11/04/24 09:30	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/29/24 12:20
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	MC0JZ7	SDG No.:	P4649
Lab Sample ID:	P4649-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	263		1	1.00	4.00	mg/L		11/04/24 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:	10/29/24 12:30
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	MC0JZ9	SDG No.:	P4649
Lab Sample ID:	P4649-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	3.00	J	1	1.00	4.00	mg/L		11/04/24 09:30	SM 2540 D-15

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/29/24 12:45
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	MC0K01	SDG No.:	P4649
Lab Sample ID:	P4649-03	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		11/04/24 09:30	SM 2540 D-15

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/29/24 12:40
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	MC0K04	SDG No.:	P4649
Lab Sample ID:	P4649-04	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		11/04/24 09:30	SM 2540 D-15

Comments: _____

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/29/24 12:05
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	MC0K06	SDG No.:	P4649
Lab Sample ID:	P4649-05	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		11/04/24 09:30	SM 2540 D-15

Comments: _____

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/29/24 11:20
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	MC0K08	SDG No.:	P4649
Lab Sample ID:	P4649-06	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		11/04/24 09:30	SM 2540 D-15

Comments: _____

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/29/24 10:20
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	MC0K10	SDG No.:	P4649
Lab Sample ID:	P4649-07	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		11/04/24 09:30	SM 2540 D-15

Comments: _____

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/29/24 11:05
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	MC0K12	SDG No.:	P4649
Lab Sample ID:	P4649-08	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	1.50	J	1	1.00	4.00	mg/L		11/04/24 09:30	SM 2540 D-15

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/29/24 11:50
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	MC0K14	SDG No.:	P4649
Lab Sample ID:	P4649-09	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		11/04/24 09:30	SM 2540 D-15

Comments: _____

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/29/24 10:40
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	MC0K16	SDG No.:	P4649
Lab Sample ID:	P4649-10	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		11/04/24 09:30	SM 2540 D-15

Comments: _____

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/29/24 12:55
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	MC0K18	SDG No.:	P4649
Lab Sample ID:	P4649-11	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	12.1		1	1.00	4.00	mg/L		11/04/24 09:30	SM 2540 D-15

Comments: _____

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/29/24 11:35
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	MC0K20	SDG No.:	P4649
Lab Sample ID:	P4649-12	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		11/04/24 09:30	SM 2540 D-15

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/29/24 09:45
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	MC0K22	SDG No.:	P4649
Lab Sample ID:	P4649-13	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	5.80		1	1.00	4.00	mg/L		11/04/24 09:30	SM 2540 D-15

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QC RESULT SUMMARY

Preparation Blank Summary

Client: Tetra Tech, EMI

SDG No.: P4649

Project: R36720

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB133266BL						
TSS	mg/L	< 2.0000	2.0000	U	1	4	11/04/2024

Duplicate Sample Summary

Client:	Tetra Tech, EMI	SDG No.:	P4649
Project:	R36720	Sample ID:	P4638-02
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	734		740		1	0.81		11/04/2024

Laboratory Control Sample Summary

Client: Tetra Tech, EMI

SDG No.: P4649

Project: R36720

Run No.: LB133266

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133266BS							
TSS	mg/L	550	538		98	1	90-110	11/04/2024