

LAB CHRONICLE

OrderID:	P4505	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
P4505-01	MC0JW6	WATER	TSS	SM2540 D	10/21/24 15:30		10/24/24 09:30	10/23/24
P4505-02	MC0JW7	WATER	TSS	SM2540 D	10/21/24 13:30		10/24/24 09:30	10/23/24
P4505-03	MC0JW8	WATER	TSS	SM2540 D	10/21/24 11:35		10/24/24 09:30	10/23/24
P4505-04	MC0JW9	WATER	TSS	SM2540 D	10/21/24 14:50		10/24/24 09:30	10/23/24
P4505-05	MC0JX0	WATER	TSS	SM2540 D	10/21/24 15:15		10/24/24 09:30	10/23/24
P4505-06	MC0JX1	WATER	TSS	SM2540 D	10/21/24 15:05		10/24/24 09:30	10/23/24
P4505-07	MC0JX2	WATER	TSS	SM2540 D	10/21/24 15:10		10/24/24 09:30	10/23/24



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/21/24 15:30
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JW6	SDG No.:	P4505
Lab Sample ID:	P4505-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	6.10		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 13:30
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JW7	SDG No.:	P4505
Lab Sample ID:	P4505-02	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

Comments: _____

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/21/24 11:35
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JW8	SDG No.:	P4505
Lab Sample ID:	P4505-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	3.90	J	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 14:50
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JW9	SDG No.:	P4505
Lab Sample ID:	P4505-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	46.9		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 15:15
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JX0	SDG No.:	P4505
Lab Sample ID:	P4505-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	10.3		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 15:05
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JX1	SDG No.:	P4505
Lab Sample ID:	P4505-06	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		10/24/24 09:30	SM 2540 D-15

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/21/24 15:10
Project:	R36720	Date Received:	10/23/24
Client Sample ID:	MC0JX2	SDG No.:	P4505
Lab Sample ID:	P4505-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TSS	3.70	J	1	1.00	4.00	mg/L		10/24/24 09:30	SM 2540 D-15

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QC RESULT SUMMARY



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

Preparation Blank Summary

Client: Tetra Tech, EMI

SDG No.: P4505

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

Project:

R36720

Client ID:

COMPDUP

SDG No.:

P4505

Sample ID:

P4491-02

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.: P4505

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