

## LAB CHRONICLE

<b>OrderID:</b> P4504	<b>OrderDate:</b> 10/23/2024 11:03:00 AM
<b>Client:</b> Tetra Tech, EMI	<b>Project:</b> R36720
<b>Contact:</b> Ava Heiss	<b>Location:</b> K61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4504-01	C0JW6	WATER	Oil and Grease	1664A	10/21/24 15:30		10/28/24 10:25	10/23/24
P4504-02	C0JW7	WATER	Oil and Grease	1664A	10/21/24 13:30		10/28/24 10:25	10/23/24
P4504-03	C0JW8	WATER	Oil and Grease	1664A	10/21/24 11:35		10/28/24 10:25	10/23/24
P4504-04	C0JW9	WATER	Oil and Grease	1664A	10/21/24 14:50		10/28/24 10:25	10/23/24
P4504-05	C0JX0	WATER	Oil and Grease	1664A	10/21/24 15:15		10/28/24 10:25	10/23/24
P4504-06	C0JX1	WATER	Oil and Grease	1664A	10/21/24 15:05		10/28/24 10:25	10/23/24
P4504-07	C0JX2	WATER	Oil and Grease	1664A	10/21/24 15:10		10/28/24 10:25	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:	C0JW6	SDG No.:	P4504
Lab Sample ID:	P4504-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.40	U	1	0.40	5.00	mg/L		10/28/24 10:25	1664A

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:	C0JW7	SDG No.:	P4504
Lab Sample ID:	P4504-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.40	U	1	0.40	5.00	mg/L		10/28/24 10:25	1664A

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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:	C0JW8	SDG No.:	P4504
Lab Sample ID:	P4504-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.40	U	1	0.40	5.00	mg/L		10/28/24 10:25	1664A

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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:	C0JW9	SDG No.:	P4504
Lab Sample ID:	P4504-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.40	U	1	0.40	5.00	mg/L		10/28/24 10:25	1664A

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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:	C0JX0	SDG No.:	P4504
Lab Sample ID:	P4504-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.40	U	1	0.40	5.00	mg/L		10/28/24 10:25	1664A

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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:	C0JX1	SDG No.:	P4504
Lab Sample ID:	P4504-06	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.40	U	1	0.40	5.00	mg/L		10/28/24 10:25	1664A

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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:	C0JX2	SDG No.:	P4504
Lab Sample ID:	P4504-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.40	U	1	0.40	5.00	mg/L		10/28/24 10:25	1664A

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# QC RESULT SUMMARY

### Preparation Blank Summary

**Client:** Tetra Tech, EMI

**SDG No.:** P4504

**Project:** R36720

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	<b>LB133159BL</b>						
Oil and Grease	mg/L	< 2.5000	2.5000	U	0.4	5.0	10/28/2024

Matrix Spike Summary

Client:

Tetra Tech, EMI

Project:

R36720

Client ID:

EFFLUENTMS

SDG No.:

P4504

Sample ID:

P4490-01

Percent Solids for Spike Sample:

0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	80.8		61.1		20.0	1	98		10/28/2024

Matrix Spike Summary

Client:

Tetra Tech, EMI

Project:

R36720

Client ID:

EFFLUENTMSD

SDG No.:

P4504

Sample ID:

P4490-01

Percent Solids for Spike Sample:

0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	81.0		61.1		20.0	1	100		10/28/2024

### Duplicate Sample Summary

<b>Client:</b>	Tetra Tech, EMI	<b>SDG No.:</b>	P4504
<b>Project:</b>	R36720	<b>Sample ID:</b>	P4490-01
<b>Client ID:</b>	EFFLUENTMSD	<b>Percent Solids for Spike Sample:</b>	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Oil and Grease	mg/L	+/-18	80.8		81.0		1	0.25		10/28/2024

### Laboratory Control Sample Summary

**Client:** Tetra Tech, EMI

**SDG No.:** P4504

**Project:** R36720

**Run No.:** LB133159

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133159BS							
Oil and Grease	mg/L	20.0	16.7		84	1	78-114	10/28/2024