

## LAB CHRONICLE

<b>OrderID:</b> P4648	<b>OrderDate:</b> 10/31/2024 11:08:00 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
P4648-01	C0JZ7	WATER			10/29/24 12:20			10/31/24
			Oil and Grease	1664A			11/03/24 13:30	
P4648-02	C0JZ9	WATER			10/29/24 12:30			10/31/24
			Oil and Grease	1664A			11/03/24 13:30	
P4648-03	C0K01	WATER			10/29/24 12:45			10/31/24
			Oil and Grease	1664A			11/03/24 13:30	
P4648-05	C0K06	WATER			10/29/24 12:05			10/31/24
			Oil and Grease	1664A			11/03/24 13:30	
P4648-06	C0K08	WATER			10/29/24 11:20			10/31/24
			Oil and Grease	1664A			11/03/24 13:30	
P4648-07	C0K24	WATER			10/29/24 10:00			10/31/24
			Oil and Grease	1664A			11/03/24 13:30	



# 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:	C0JZ7	SDG No.:	P4648
Lab Sample ID:	P4648-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.40	J	1	0.40	5.00	mg/L		11/03/24 13:30	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:	10/29/24 12:30
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	C0JZ9	SDG No.:	P4648
Lab Sample ID:	P4648-02	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		11/03/24 13:30	1664A

Comments:

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 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.  
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 N =Spiked sample recovery not within control limits

## Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/29/24 12:45
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	C0K01	SDG No.:	P4648
Lab Sample ID:	P4648-03	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		11/03/24 13:30	1664A

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:	C0K06	SDG No.:	P4648
Lab Sample ID:	P4648-05	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		11/03/24 13:30	1664A

Comments:

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 N =Spiked sample recovery not within control limits

## Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	10/29/24 11:20
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	C0K08	SDG No.:	P4648
Lab Sample ID:	P4648-06	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		11/03/24 13:30	1664A

Comments:

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 LOQ = Limit of Quantitation  
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 LOD = Limit of Detection  
 D = Dilution  
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 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 10:00
Project:	R36720	Date Received:	10/31/24
Client Sample ID:	C0K24	SDG No.:	P4648
Lab Sample ID:	P4648-07	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		11/03/24 13:30	1664A

Comments:

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 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  
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# QC RESULT SUMMARY

### Preparation Blank Summary

**Client:** Tetra Tech, EMI

**SDG No.:** P4648

**Project:** R36720

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	<b>LB133263BL</b>						
Oil and Grease	mg/L	< 2.5000	2.5000	U	0.4	5.0	11/03/2024

## Duplicate Sample Summary

<b>Client:</b>	Tetra Tech, EMI	<b>SDG No.:</b>	P4648
<b>Project:</b>	R36720	<b>Sample ID:</b>	LB133263BS
<b>Client ID:</b>	LB133263BSD	<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	16.8		17.0		1	1.18		11/03/2024

### Laboratory Control Sample Summary

**Client:** Tetra Tech, EMI

**SDG No.:** P4648

**Project:** R36720

**Run No.:** LB133263

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133263BS							
Oil and Grease	mg/L	20.0	16.8		84	1	78-114	11/03/2024

### Laboratory Control Sample Summary

**Client:** Tetra Tech, EMI

**SDG No.:** P4648

**Project:** R36720

**Run No.:** LB133263

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133263BSD							
Oil and Grease	mg/L	20.0	17.0		85	1	78-114	11/03/2024