

## LAB CHRONICLE

<b>OrderID:</b> P4991	<b>OrderDate:</b> 11/25/2024 10:15:00 AM
<b>Client:</b> Tetra Tech, EMI	<b>Project:</b> R36720
<b>Contact:</b> Ava Heiss	<b>Location:</b> L61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4991-01	C0KB5	WATER	Oil and Grease	1664A	11/21/24 12:10		12/02/24 10:00	11/23/24
P4991-02	C0KB6	WATER	Oil and Grease	1664A	11/21/24 11:00		12/02/24 10:00	11/23/24
P4991-03	C0KB7	WATER	Oil and Grease	1664A	11/21/24 13:15		12/02/24 10:00	11/23/24
P4991-04	C0KB8	WATER	Oil and Grease	1664A	11/21/24 09:55		12/02/24 10:00	11/23/24
P4991-07	C0KB9	WATER	Oil and Grease	1664A	11/21/24 10:45		12/02/24 10:00	11/23/24
P4991-08	C0KC2	WATER	Oil and Grease	1664A	11/21/24 10:30		12/02/24 10:00	11/23/24
P4991-09	C0KC4	WATER	Oil and Grease	1664A	11/21/24 11:55		12/02/24 10:00	11/23/24



# SAMPLE DATA

A

B

C

D

## Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 12:10
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	C0KB5	SDG No.:	P4991
Lab Sample ID:	P4991-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.60	J	1	0.40	5.00	mg/L		12/02/24 10:00	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:	11/21/24 11:00
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	C0KB6	SDG No.:	P4991
Lab Sample ID:	P4991-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.90	J	1	0.40	5.00	mg/L		12/02/24 10:00	1664A

Comments: \_\_\_\_\_

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## Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 13:15
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	C0KB7	SDG No.:	P4991
Lab Sample ID:	P4991-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.90	J	1	0.40	5.00	mg/L		12/02/24 10:00	1664A

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## Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 09:55
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	C0KB8	SDG No.:	P4991
Lab Sample ID:	P4991-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.80	J	1	0.40	5.00	mg/L		12/02/24 10:00	1664A

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## Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 10:45
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	C0KB9	SDG No.:	P4991
Lab Sample ID:	P4991-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.70	J	1	0.40	5.00	mg/L		12/02/24 10:00	1664A

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## Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 10:30
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	C0KC2	SDG No.:	P4991
Lab Sample ID:	P4991-08	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.90	J	1	0.40	5.00	mg/L		12/02/24 10:00	1664A

Comments:

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## Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 11:55
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	C0KC4	SDG No.:	P4991
Lab Sample ID:	P4991-09	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.70	J	1	0.40	5.00	mg/L		12/02/24 10:00	1664A

Comments: \_\_\_\_\_

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# QC RESULT SUMMARY

Preparation Blank Summary

Client: Tetra Tech, EMI

SDG No.: P4991

Project: R36720

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB133675BL						
Oil and Grease	mg/L	< 2.5000	2.5000	U	0.4	5.0	12/02/2024

Matrix Spike Summary

Client:

Tetra Tech, EMI

Project:

R36720

Client ID:

C0KB8MS

SDG No.:

P4991

Sample ID:

P4991-04

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	20.7		0.80	J	20.0	1	100		12/02/2024

Matrix Spike Summary

Client:

Tetra Tech, EMI

Project:

R36720

Client ID:

C0KB8MSD

SDG No.:

P4991

Sample ID:

P4991-04

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	20.2		0.80	J	20.0	1	97		12/02/2024

## Duplicate Sample Summary

<b>Client:</b>	Tetra Tech, EMI	<b>SDG No.:</b>	P4991
<b>Project:</b>	R36720	<b>Sample ID:</b>	P4991-04
<b>Client ID:</b>	C0KB8MSD	<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	20.7		20.2		1	2.44		12/02/2024

### Laboratory Control Sample Summary

**Client:** Tetra Tech, EMI

**SDG No.:** P4991

**Project:** R36720

**Run No.:** LB133675

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133675BS							
Oil and Grease	mg/L	20.0	16.7		84	1	78-114	12/02/2024