

## LAB CHRONICLE

<b>OrderID:</b> P4727	<b>OrderDate:</b> 11/6/2024 11:07:00 AM
<b>Client:</b> Tetra Tech, EMI	<b>Project:</b> R36720
<b>Contact:</b> Ava Heiss	<b>Location:</b> L23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4727-01	C0K03	WATER	Oil and Grease	1664A	11/04/24 13:25		11/07/24 11:30	11/06/24
P4727-02	C0K30	WATER	Oil and Grease	1664A	11/04/24 13:35		11/07/24 11:30	11/06/24
P4727-03	C0K31	WATER	Oil and Grease	1664A	11/04/24 13:45		11/07/24 11:30	11/06/24
P4727-04	C0K32	WATER	Oil and Grease	1664A	11/04/24 13:55		11/07/24 11:30	11/06/24
P4727-05	C0K49	WATER	Oil and Grease	1664A	11/04/24 14:00		11/07/24 11:30	11/06/24
P4727-06	C0K50	WATER	Oil and Grease	1664A	11/04/24 12:30		11/07/24 11:30	11/06/24
P4727-07	C0K51	WATER	Oil and Grease	1664A	11/04/24 11:15		11/07/24 11:30	11/06/24

LAB CHRONICLE

P4727-08	C0K52	WATER			11/04/24 12:00	11/06/24
			Oil and Grease	1664A		11/07/24 11:30



# SAMPLE DATA

A

B

C

D

## Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/04/24 13:25
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K03	SDG No.:	P4727
Lab Sample ID:	P4727-01	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		11/07/24 11:30	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:	11/04/24 13:35
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K30	SDG No.:	P4727
Lab Sample ID:	P4727-02	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		11/07/24 11:30	1664A

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## Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/04/24 13:45
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K31	SDG No.:	P4727
Lab Sample ID:	P4727-03	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		11/07/24 11:30	1664A

Comments:

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## Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/04/24 13:55
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K32	SDG No.:	P4727
Lab Sample ID:	P4727-04	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		11/07/24 11:30	1664A

Comments:

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## Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/04/24 14:00
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K49	SDG No.:	P4727
Lab Sample ID:	P4727-05	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		11/07/24 11:30	1664A

Comments:

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**Report of Analysis**

Client:	Tetra Tech, EMI	Date Collected:	11/04/24 12:30
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K50	SDG No.:	P4727
Lab Sample ID:	P4727-06	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		11/07/24 11:30	1664A

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

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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

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## Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/04/24 11:15
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K51	SDG No.:	P4727
Lab Sample ID:	P4727-07	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		11/07/24 11:30	1664A

Comments:

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 N =Spiked sample recovery not within control limits

## Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/04/24 12:00
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K52	SDG No.:	P4727
Lab Sample ID:	P4727-08	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		11/07/24 11:30	1664A

Comments:

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 LOQ = Limit of Quantitation  
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# QC RESULT SUMMARY

### Preparation Blank Summary

**Client:** Tetra Tech, EMI

**SDG No.:** P4727

**Project:** R36720

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
<b>Sample ID: LB133338BL</b>							
Oil and Grease	mg/L	< 2.5000	2.5000	U	0.4	5.0	11/07/2024

Matrix Spike Summary

Client:

Tetra Tech, EMI

Project:

R36720

Client ID:

C0K35MS

SDG No.:

P4727

Sample ID:

P4726-03

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	20.3		0.40	U	20.0	1	102		11/07/2024

### Matrix Spike Summary

**Client:** Tetra Tech, EMI  
**Project:** R36720  
**Client ID:** C0K35MSD

**SDG No.:** P4727  
**Sample ID:** P4726-03  
**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	20.4		0.40	U	20.0	1	102		11/07/2024

Matrix Spike Summary

Client:

Tetra Tech, EMI

Project:

R36720

Client ID:

EFFLUENTMS

SDG No.:

P4727

Sample ID:

P4735-01

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	110		89.3		20.0	1	101		11/07/2024



Matrix Spike Summary

Client:

Tetra Tech, EMI

SDG No.:

P4727

Project:

R36720

Sample ID:

P4735-01

Client ID:

EFFLUENTMSD

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	110		89.3		20.0	1	102		11/07/2024

### Duplicate Sample Summary

<b>Client:</b>	Tetra Tech, EMI	<b>SDG No.:</b>	P4727
<b>Project:</b>	R36720	<b>Sample ID:</b>	P4726-03
<b>Client ID:</b>	C0K35MSD	<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	20.3		20.4		1	0.49		11/07/2024

### Duplicate Sample Summary

<b>Client:</b>	Tetra Tech, EMI	<b>SDG No.:</b>	P4727
<b>Project:</b>	R36720	<b>Sample ID:</b>	P4735-01
<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	110		110		1	0.09		11/07/2024

### Laboratory Control Sample Summary

**Client:** Tetra Tech, EMI

**SDG No.:** P4727

**Project:** R36720

**Run No.:** LB133338

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133338BS							
Oil and Grease	mg/L	20.0	16.7		84	1	78-114	11/07/2024