

LAB CHRONICLE

OrderID: P4726	OrderDate: 11/6/2024 11:06:00 AM
Client: Tetra Tech, EMI	Project: R36720
Contact: Ava Heiss	Location: L23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4726-01	C0K33	WATER	Oil and Grease	1664A	11/04/24 13:20		11/07/24 11:30	11/06/24
P4726-02	C0K34	WATER	Oil and Grease	1664A	11/04/24 12:55		11/07/24 11:30	11/06/24
P4726-03	C0K35	WATER	Oil and Grease	1664A	11/04/24 10:35		11/07/24 11:30	11/06/24
P4726-06	C0K36	WATER	Oil and Grease	1664A	11/04/24 14:10		11/07/24 11:30	11/06/24
P4726-07	C0K37	WATER	Oil and Grease	1664A	11/04/24 11:50		11/07/24 11:30	11/06/24
P4726-08	C0K38	WATER	Oil and Grease	1664A	11/04/24 13:15		11/07/24 11:30	11/06/24
P4726-09	C0K39	WATER	Oil and Grease	1664A	11/04/24 11:40		11/07/24 11:30	11/06/24



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/04/24 13:20
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K33	SDG No.:	P4726
Lab Sample ID:	P4726-01	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		11/07/24 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 12:55
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K34	SDG No.:	P4726
Lab Sample ID:	P4726-02	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		11/07/24 11:30	1664A

Comments:

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/04/24 10:35
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K35	SDG No.:	P4726
Lab Sample ID:	P4726-03	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 14:10
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K36	SDG No.:	P4726
Lab Sample ID:	P4726-06	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
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 H = Sample Analysis Out Of Hold Time

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/04/24 11:50
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K37	SDG No.:	P4726
Lab Sample ID:	P4726-07	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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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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H = Sample Analysis Out Of Hold Time

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/04/24 13:15
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K38	SDG No.:	P4726
Lab Sample ID:	P4726-08	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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 LOD = Limit of Detection
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 H = Sample Analysis Out Of Hold Time

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/04/24 11:40
Project:	R36720	Date Received:	11/06/24
Client Sample ID:	C0K39	SDG No.:	P4726
Lab Sample ID:	P4726-09	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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 LOD = Limit of Detection
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 H = Sample Analysis Out Of Hold Time

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QC RESULT SUMMARY

Preparation Blank Summary

Client: Tetra Tech, EMI

SDG No.: P4726

Project: R36720

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB133338BL						
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.:

P4726

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.:

P4726

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.:

P4726

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

Project:

R36720

Client ID:

EFFLUENTMSD

SDG No.:

P4726

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	102		11/07/2024

Duplicate Sample Summary

Client:	Tetra Tech, EMI	SDG No.:	P4726
Project:	R36720	Sample ID:	P4726-03
Client ID:	C0K35MSD	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
Oil and Grease	mg/L	+/-18	20.3		20.4		1	0.49		11/07/2024

Duplicate Sample Summary

Client:	Tetra Tech, EMI	SDG No.:	P4726
Project:	R36720	Sample ID:	P4735-01
Client ID:	EFFLUENTMSD	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
Oil and Grease	mg/L	+/-18	110		110		1	0.09		11/07/2024

Laboratory Control Sample Summary

Client: Tetra Tech, EMI

SDG No.: P4726

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