

LAB CHRONICLE

OrderID: P4900	OrderDate: 11/18/2024 10:11:00 AM
Client: Tetra Tech, EMI	Project: R36720
Contact: Ava Heiss	Location: L51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4900-01	C0K64	WATER	Oil and Grease	1664A	11/14/24 13:40		11/21/24 09:37	11/16/24
P4900-02	C0K65	WATER	Oil and Grease	1664A	11/14/24 13:55		11/21/24 09:37	11/16/24
P4900-03	C0K66	WATER	Oil and Grease	1664A	11/14/24 13:50		11/21/24 09:37	11/16/24
P4900-04	C0K67	WATER	Oil and Grease	1664A	11/14/24 14:10		11/21/24 09:37	11/16/24
P4900-05	C0K68	WATER	Oil and Grease	1664A	11/14/24 11:35		11/21/24 09:37	11/16/24
P4900-06	C0K69	WATER	Oil and Grease	1664A	11/14/24 12:00		11/21/24 09:37	11/16/24
P4900-09	C0K70	WATER	Oil and Grease	1664A	11/14/24 10:30		11/21/24 09:37	11/16/24



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/24 13:40
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K64	SDG No.:	P4900
Lab Sample ID:	P4900-01	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		11/21/24 09:37	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:	11/14/24 13:55
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K65	SDG No.:	P4900
Lab Sample ID:	P4900-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.50	J	1	0.40	5.00	mg/L		11/21/24 09:37	1664A

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/24 13:50
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K66	SDG No.:	P4900
Lab Sample ID:	P4900-03	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		11/21/24 09:37	1664A

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/24 14:10
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K67	SDG No.:	P4900
Lab Sample ID:	P4900-04	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		11/21/24 09:37	1664A

Comments:

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/24 11:35
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K68	SDG No.:	P4900
Lab Sample ID:	P4900-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	0.50	J	1	0.40	5.00	mg/L		11/21/24 09:37	1664A

Comments:

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/24 12:00
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K69	SDG No.:	P4900
Lab Sample ID:	P4900-06	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		11/21/24 09:37	1664A

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H = Sample Analysis Out Of Hold Time

J = Estimated Value

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OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/24 10:30
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K70	SDG No.:	P4900
Lab Sample ID:	P4900-09	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		11/21/24 09:37	1664A

Comments:

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QC RESULT SUMMARY

Preparation Blank Summary

Client: Tetra Tech, EMI

SDG No.: P4900

Project: R36720

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	LB133544BL						
Oil and Grease	mg/L	< 2.5000	2.5000	U	0.4	5.0	11/21/2024

Matrix Spike Summary

Client:	Tetra Tech, EMI	SDG No.:	P4900
Project:	R36720	Sample ID:	P4900-06
Client ID:	C0K69MS	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	20.8		0.70	J	20.0	1	101		11/21/2024

Matrix Spike Summary

Client:

Tetra Tech, EMI

Project:

R36720

Client ID:

C0K69MSD

SDG No.:

P4900

Sample ID:

P4900-06

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		0.70	J	20.0	1	98		11/21/2024

Matrix Spike Summary

Client:

Tetra Tech, EMI

Project:

R36720

Client ID:

EFFLUENTMS

SDG No.:

P4900

Sample ID:

P4937-01

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	72.8		52.6		20.0	1	101		11/21/2024

Matrix Spike Summary

Client:

Tetra Tech, EMI

Project:

R36720

Client ID:

EFFLUENTMSD

SDG No.:

P4900

Sample ID:

P4937-01

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	72.4		52.6		20.0	1	99		11/21/2024

Duplicate Sample Summary

Client:	Tetra Tech, EMI	SDG No.:	P4900
Project:	R36720	Sample ID:	P4900-06
Client ID:	C0K69MSD	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	20.8		20.3		1	2.43		11/21/2024

Duplicate Sample Summary

Client:	Tetra Tech, EMI	SDG No.:	P4900
Project:	R36720	Sample ID:	P4937-01
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	72.8		72.4		1	0.55		11/21/2024

Laboratory Control Sample Summary

Client: Tetra Tech, EMI

SDG No.: P4900

Project: R36720

Run No.: LB133544

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133544BS							
Oil and Grease	mg/L	20.0	16.7		84	1	78-114	11/21/2024