

LAB CHRONICLE

OrderID:	P4899	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
P4899-01	C0K55	WATER			11/14/24 13:20			11/16/24
			Oil and Grease	1664A			11/21/24 09:37	
P4899-02	C0K56	WATER			11/14/24 12:30			11/16/24
			Oil and Grease	1664A			11/21/24 09:37	
P4899-03	C0K57	WATER			11/14/24 14:40			11/16/24
			Oil and Grease	1664A			11/21/24 09:37	
P4899-04	C0K58	WATER			11/14/24 10:45			11/16/24
			Oil and Grease	1664A			11/21/24 09:37	
P4899-05	C0K59	WATER			11/14/24 11:20			11/16/24
			Oil and Grease	1664A			11/21/24 09:37	
P4899-06	C0K60	WATER			11/14/24 13:00			11/16/24
			Oil and Grease	1664A			11/21/24 09:37	
P4899-07	C0K62	WATER			11/14/24 11:05			11/16/24
			Oil and Grease	1664A			11/21/24 09:37	

LAB CHRONICLE

P4899-08	C0K63	WATER			11/14/24 13:30		11/16/24
			Oil and Grease	1664A		11/21/24 09:37	
P4899-09	C0K88	WATER			11/14/24 12:15		11/16/24
			Oil and Grease	1664A		11/21/24 09:37	



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/24 13:20
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K55	SDG No.:	P4899
Lab Sample ID:	P4899-01	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		11/21/24 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 12:30
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K56	SDG No.:	P4899
Lab Sample ID:	P4899-02	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		11/21/24 09:37	1664A

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Client:	Tetra Tech, EMI	Date Collected:	11/14/24 14:40
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K57	SDG No.:	P4899
Lab Sample ID:	P4899-03	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 10:45
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K58	SDG No.:	P4899
Lab Sample ID:	P4899-04	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		11/21/24 09:37	1664A

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/24 11:20
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K59	SDG No.:	P4899
Lab Sample ID:	P4899-05	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

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LOD = Limit of Detection

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/24 13:00
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K60	SDG No.:	P4899
Lab Sample ID:	P4899-06	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		11/21/24 09:37	1664A

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/24 11:05
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K62	SDG No.:	P4899
Lab Sample ID:	P4899-07	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		11/21/24 09:37	1664A

Comments:

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H = Sample Analysis Out Of Hold Time

J = Estimated Value

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/24 13:30
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K63	SDG No.:	P4899
Lab Sample ID:	P4899-08	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		11/21/24 09:37	1664A

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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/14/24 12:15
Project:	R36720	Date Received:	11/16/24
Client Sample ID:	C0K88	SDG No.:	P4899
Lab Sample ID:	P4899-09	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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H = Sample Analysis Out Of Hold Time

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QC RESULT SUMMARY

Preparation Blank Summary

Client: Tetra Tech, EMI

SDG No.: P4899

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



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike Summary

Client:

Tetra Tech, EMI

Project:

R36720

Client ID:

C0K69MS

SDG No.:

P4899

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	20.8		0.70	J	20.0	1	101		11/21/2024

Matrix Spike Summary

Client:

Tetra Tech, EMI

Project:

R36720

Client ID:

C0K69MSD

SDG No.:

P4899

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.:

P4899

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.:

P4899

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.:	P4899
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.:	P4899
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.: P4899

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