Alliance
TECHNICAL GROUP

LAB CHRONICLE

OrderID:	P4992			**OrderDate:**	11/25/2024 10:15:00 AM	
Client:	Tetra Tech, EMI			**Project:**	R36720	
Contact:	Ava Heiss			**Location:**	L61	

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4992-01	C0KA6	WATER			11/21/24 12:00			11/23/24
			Oil and Grease	1664A			12/02/24 10:00	
P4992-02	C0KA7	WATER			11/21/24 13:00			11/23/24
			Oil and Grease	1664A			12/02/24 10:00	
P4992-03	C0KA8	WATER			11/21/24 11:40			11/23/24
			Oil and Grease	1664A			12/02/24 10:00	
P4992-04	C0KA9	WATER			11/21/24 11:15			11/23/24
			Oil and Grease	1664A			12/02/24 10:00	
P4992-06	C0KB1	WATER			11/21/24 12:25			11/23/24
			Oil and Grease	1664A			12/02/24 10:00	
P4992-07	C0KB2	WATER			11/21/24 12:30			11/23/24
			Oil and Grease	1664A			12/02/24 10:00	
P4992-08	C0KB3	WATER			11/21/24 12:40			11/23/24
			Oil and Grease	1664A			12/02/24 10:00	

LAB CHRONICLE

P4992-09	C0KB4	WATER		11/21/24 12:35		11/23/24
		Oil and Grease	1664A		12/02/24 10:00	

SAMPLE DATA

Report of Analysis

Client:	Tetra Tech, EMI		Date Collected:	11/21/24 12:00
Project:	R36720		Date Received:	11/23/24
Client Sample ID:	C0KA6		SDG No.:	P4992
Lab Sample ID:	P4992-01		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		12/02/24 10:00	1664A

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	* = indicates the duplicate analysis is not within control limits.
LOD = Limit of Detection	E = Indicates the reported value is estimated because of the presence
D = Dilution	of interference.
Q = indicates LCS control criteria did not meet requirements	OR = Over Range
H = Sample Analysis Out Of Hold Time	N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 13:00
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	C0KA7	SDG No.:	P4992
Lab Sample ID:	P4992-02	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		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 11:40
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	C0KA8	SDG No.:	P4992
Lab Sample ID:	P4992-03	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		12/02/24 10:00	1664A

Comments:

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MDL = Method Detection Limit	* = indicates the duplicate analysis is not within control limits.
LOD = Limit of Detection	E = Indicates the reported value is estimated because of the presence
D = Dilution	of interference.
Q = indicates LCS control criteria did not meet requirements	OR = Over Range
H = Sample Analysis Out Of Hold Time	N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 11:15
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	C0KA9	SDG No.:	P4992
Lab Sample ID:	P4992-04	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		12/02/24 10:00	1664A

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MDL = Method Detection Limit   * = indicates the duplicate analysis is not within control limits.
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Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 12:25
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	C0KB1	SDG No.:	P4992
Lab Sample ID:	P4992-06	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Oil and Grease	1.00	J	1	0.40	5.00	mg/L		12/02/24 10:00	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

 * = 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 12:30
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	C0KB2	SDG No.:	P4992
Lab Sample ID:	P4992-07	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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LOD = Limit of Detection	E = Indicates the reported value is estimated because of the presence
D = Dilution	of interference.
Q = indicates LCS control criteria did not meet requirements	OR = Over Range
H = Sample Analysis Out Of Hold Time	N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 12:40
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	C0KB3	SDG No.:	P4992
Lab Sample ID:	P4992-08	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		12/02/24 10:00	1664A

Comments:

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MDL = Method Detection Limit	* = indicates the duplicate analysis is not within control limits.
LOD = Limit of Detection	E = Indicates the reported value is estimated because of the presence
D = Dilution	of interference.
Q = indicates LCS control criteria did not meet requirements	OR = Over Range
H = Sample Analysis Out Of Hold Time	N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/21/24 12:35
Project:	R36720	Date Received:	11/23/24
Client Sample ID:	C0KB4	SDG No.:	P4992
Lab Sample ID:	P4992-09	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		12/02/24 10:00	1664A

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	* = indicates the duplicate analysis is not within control limits.
LOD = Limit of Detection	E = Indicates the reported value is estimated because of the presence
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QC RESULT SUMMARY

Preparation Blank Summary

Client:	Tetra Tech, EMI		SDG No.:	P4992
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	SDG No.:	P4992
Project:	R36720	Sample ID:	P4991-04
Client ID:	C0KB8MS	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	SDG No.:	P4992
Project:	R36720	Sample ID:	P4991-04
Client ID:	C0KB8MSD	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

Client:	Tetra Tech, EMI		**SDG No.:**	P4992
Project:	R36720		**Sample ID:**	P4991-04
Client ID:	C0KB8MSD		**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	20.7		20.2		1	2.44		12/02/2024

Laboratory Control Sample Summary

Client:	Tetra Tech, EMI	**SDG No.:** P4992
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