LAB CHRONICLE

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

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

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A
B
C
D

LAB CHRONICLE

P4727-08	C0K52	WATER	11/04/24	11/06/24
			12:00	

	Oil and Grease	1664A		11/07/24
				11:30

SAMPLE
DATA

Report of Analysis

A
B
C
D

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	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:	11/04/24 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

Comments:

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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H = Sample Analysis Out Of Hold Time	N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/04/24 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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H = Sample Analysis Out Of Hold Time	N =Spiked sample recovery not within control limits

Report of Analysis

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

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:

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
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OR = Over Range
N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Tetra Tech, EMI	Date Collected:	11/04/24 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:

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
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E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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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:

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:	11/04/24 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:

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

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Preparation Blank Summary

| Client: | Tetra Tech, EMI | SDG No.: | P4727 |
| 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

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Matrix Spike Summary

Client:	Tetra Tech, EMI	**SDG No.:**	P4727
Project:	R36720	**Sample ID:**	P4726-03
Client ID:	C0K35MS	**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	SDG No.:	P4727
Project:	R36720	Sample ID:	P4726-03
Client ID:	C0K35MSD	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		**SDG No.:**	P4727
Project:	R36720		**Sample ID:**	P4735-01
Client ID:	EFFLUENTMS		**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

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Duplicate Sample Summary

Client:	Tetra Tech, EMI	**SDG No.:**	P4727
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.:**	P4727
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.:	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