

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Linda McDonald
Madison County Health Department
218 SW Third Avenue
Madison, Florida 32340

Generated 11/15/2024 8:52:46 AM

JOB DESCRIPTION

Madison Co HD

JOB NUMBER

674-11067-1

Euofins Madison

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Euofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Definitions/Glossary

Client: Madison County Health Department
Project/Site: Madison Co HD

Job ID: 674-11067-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Madison County Health Department
Project: Madison Co HD

Job ID: 674-11067-1

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Job Narrative 674-11067-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 11/14/2024 12:13 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Biology

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Detection Summary

Client: Madison County Health Department
Project/Site: Madison Co HD

Job ID: 674-11067-1

Client Sample ID: BOUNDARY BEND BOAT RAMP

Lab Sample ID: 674-11067-1

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Escherichia coli	108.0		10.0	10.0	MPN/100mL	1			9223B	Total/NA
Coliform, Fecal	259.0		10.0	10.0	MPN/100mL	1			Colilert-18	Total/NA

Client Sample ID: SR6

Lab Sample ID: 674-11067-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Escherichia coli	158.0		10.0	10.0	MPN/100mL	1			9223B	Total/NA
Coliform, Fecal	241.0		10.0	10.0	MPN/100mL	1			Colilert-18	Total/NA

Client Sample ID: CR 150

Lab Sample ID: 674-11067-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Escherichia coli	189.0		10.0	10.0	MPN/100mL	1			9223B	Total/NA
Coliform, Fecal	341.0		10.0	10.0	MPN/100mL	1			Colilert-18	Total/NA

Client Sample ID: CR 145

Lab Sample ID: 674-11067-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Escherichia coli	281.0		10.0	10.0	MPN/100mL	1			9223B	Total/NA
Coliform, Fecal	1012.0		10.0	10.0	MPN/100mL	1			Colilert-18	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Madison County Health Department
 Project/Site: Madison Co HD

Job ID: 674-11067-1

Client Sample ID: BOUNDARY BEND BOAT RAMP

Lab Sample ID: 674-11067-1

Date Collected: 11/14/24 09:50

Matrix: Water

Date Received: 11/14/24 12:13

Method: SM 9223B - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Escherichia coli	108.0		10.0	10.0	MPN/100mL			11/14/24 13:20	1

Method: IDEXX Colilert-18 - Fecal Coliforms

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	259.0		10.0	10.0	MPN/100mL			11/14/24 13:20	1

Client Sample ID: SR6

Lab Sample ID: 674-11067-2

Date Collected: 11/14/24 10:30

Matrix: Water

Date Received: 11/14/24 12:13

Method: SM 9223B - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Escherichia coli	158.0		10.0	10.0	MPN/100mL			11/14/24 13:20	1

Method: IDEXX Colilert-18 - Fecal Coliforms

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	241.0		10.0	10.0	MPN/100mL			11/14/24 13:20	1

Client Sample ID: CR 150

Lab Sample ID: 674-11067-3

Date Collected: 11/14/24 11:11

Matrix: Water

Date Received: 11/14/24 12:13

Method: SM 9223B - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Escherichia coli	189.0		10.0	10.0	MPN/100mL			11/14/24 13:20	1

Method: IDEXX Colilert-18 - Fecal Coliforms

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	341.0		10.0	10.0	MPN/100mL			11/14/24 13:20	1

Client Sample ID: CR 145

Lab Sample ID: 674-11067-4

Date Collected: 11/14/24 11:46

Matrix: Water

Date Received: 11/14/24 12:13

Method: SM 9223B - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Escherichia coli	281.0		10.0	10.0	MPN/100mL			11/14/24 13:20	1

Method: IDEXX Colilert-18 - Fecal Coliforms

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coliform, Fecal	1012.0		10.0	10.0	MPN/100mL			11/14/24 13:20	1

QC Association Summary

Client: Madison County Health Department
Project/Site: Madison Co HD

Job ID: 674-11067-1

Biology

Analysis Batch: 3766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
674-11067-1	BOUNDARY BEND BOAT RAMP	Total/NA	Water	Colilert-18	
674-11067-2	SR6	Total/NA	Water	Colilert-18	
674-11067-3	CR 150	Total/NA	Water	Colilert-18	
674-11067-4	CR 145	Total/NA	Water	Colilert-18	

Analysis Batch: 3767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
674-11067-1	BOUNDARY BEND BOAT RAMP	Total/NA	Water	9223B	
674-11067-2	SR6	Total/NA	Water	9223B	
674-11067-3	CR 150	Total/NA	Water	9223B	
674-11067-4	CR 145	Total/NA	Water	9223B	

Lab Chronicle

Client: Madison County Health Department
Project/Site: Madison Co HD

Job ID: 674-11067-1

Client Sample ID: BOUNDARY BEND BOAT RAMP

Lab Sample ID: 674-11067-1

Date Collected: 11/14/24 09:50

Matrix: Water

Date Received: 11/14/24 12:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9223B		1	3767	SH	EET MAD	11/14/24 13:20
Total/NA	Analysis	Colilert-18		1	3766	SH	EET MAD	11/14/24 13:20

Client Sample ID: SR6

Lab Sample ID: 674-11067-2

Date Collected: 11/14/24 10:30

Matrix: Water

Date Received: 11/14/24 12:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9223B		1	3767	SH	EET MAD	11/14/24 13:20
Total/NA	Analysis	Colilert-18		1	3766	SH	EET MAD	11/14/24 13:20

Client Sample ID: CR 150

Lab Sample ID: 674-11067-3

Date Collected: 11/14/24 11:11

Matrix: Water

Date Received: 11/14/24 12:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9223B		1	3767	SH	EET MAD	11/14/24 13:20
Total/NA	Analysis	Colilert-18		1	3766	SH	EET MAD	11/14/24 13:20

Client Sample ID: CR 145

Lab Sample ID: 674-11067-4

Date Collected: 11/14/24 11:46

Matrix: Water

Date Received: 11/14/24 12:13

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9223B		1	3767	SH	EET MAD	11/14/24 13:20
Total/NA	Analysis	Colilert-18		1	3766	SH	EET MAD	11/14/24 13:20

Laboratory References:

EET MAD = Eurofins Madison, 812 S.W. Harvey Greene Drive, Madison, FL 32340, TEL (850)973-6878

Accreditation/Certification Summary

Client: Madison County Health Department
Project/Site: Madison Co HD

Job ID: 674-11067-1

Laboratory: Eurofins Madison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E82405	06-30-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Method Summary

Client: Madison County Health Department
Project/Site: Madison Co HD

Job ID: 674-11067-1

Method	Method Description	Protocol	Laboratory
9223B	Coliforms, Total, and E.Coll (Colilert - Quanti Tray)	SM	EET MAD
Colilert-18	Fecal Coliforms	IDEXX	EET MAD

Protocol References:

IDEXX = IDEXX Laboratories

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET MAD = Eurofins Madison, 812 S.W. Harvey Greene Drive, Madison, FL 32340, TEL (850)973-6878



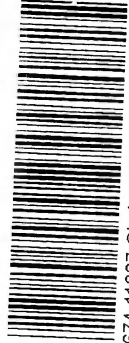
Sample Summary

Client: Madison County Health Department
Project/Site: Madison Co HD

Job ID: 674-11067-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
674-11067-1	BOUNDARY BEND BOAT RAMP	Water	11/14/24 09:50	11/14/24 12:13
674-11067-2	SR6	Water	11/14/24 10:30	11/14/24 12:13
674-11067-3	CR 150	Water	11/14/24 11:11	11/14/24 12:13
674-11067-4	CR 145	Water	11/14/24 11:46	11/14/24 12:13

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13



674-11067 Chain of Custody

Client Information
 Client Contact: DOH Madison
 Company: DOH MADISON
 Address: 218 SE Third Ave
 City: Madison
 State, Zip: FL, 32340
 Phone: 850-868-0458 / 850-782-2003 / 850-601-6159
 Email:
 Project Name:
 Site:

Sampler: *Joy Boucher*
 Lab P#: _____
 Phone: _____
 E-Mail: _____

Due Date Requested:
 TAT Requested (days):
 PO #:
 WO #:
 Project #:
 SSOW#:

COC No:
 Page:
 Job #: *11067*
 Preservation Codes:
 A - HCL
 B - NaOH
 C - Zn Acetate
 D - Nitric Acid
 E - NaHSO4
 F - MeOH
 G - Amchlor
 H - Ascorbic Acid
 I - Ice
 J - DI Water
 K - EDTA
 L - EDA
 Other:
 M - Hexane
 N - None
 O - ASHCO2
 P - Na2O4S
 Q - Na2SO3
 R - Na2SO4
 S - H2SO4
 T - TSP Dodecahydrate
 U - Acetone
 V - MCAA
 W - pH 4-5
 Z - other (specify)

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Solid, Omeatoli, BT-Tissue, A-Air)	Preservation Code:	Field Filtered Sample (Yes or No)	MS/MSD (Yes or No)	e.Coll	Fecal	Total Number of containers	Special Instructions/Note:
Boundary Bend Boat Ramp	11/14/24	9:50				X	X	X			
SR 6	11/14/24	10:30				X	X	X			
CR 150	11/14/24	11:11				X	X	X			
CR 145	11/14/24	11:46				X	X	X			

Special Instructions/Note:
Worm

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
 Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: _____ Date: _____
 Relinquished by: _____ Date/Time: _____ Company: _____
 Relinquished by: _____ Date/Time: _____ Company: _____
 Relinquished by: *Joy Boucher* Date/Time: *11/14/24 12:13* Company: _____
 Custody Seals Intact: Yes No Custody Seal No.: _____
 Cooler Temperature(s) °C and Other Remarks:



Login Sample Receipt Checklist

Client: Madison County Health Department

Job Number: 674-11067-1

Login Number: 11067

List Number: 1

Creator: Briggs, Donna

List Source: Eurofins Madison

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

