

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Devan R Cobb
DEP-Chemistry Section
2600 Blirstone Road
Tallahassee, Florida 32399-2400

Generated 2/12/2024 12:06:09 AM Revision 1

JOB DESCRIPTION

OV505

JOB NUMBER

670-33909-1

Eurofins Orlando

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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 Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Revision 1

Authorized for release by
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Definitions/Glossary

Client: DEP-Chemistry Section
Project/Site: OV505

Job ID: 670-33909-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: DEP-Chemistry Section
Project: OV505

Job ID: 670-33909-1

Job ID: 670-33909-1

Eurofins Orlando

Job Narrative 670-33909-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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.

Revision

The report being provided is a revision of the original report sent on 2/6/2024. The report (revision 1) is being revised due to: missing receipt information for the samples.

Receipt

The samples were received on 1/31/2024 11:34 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C

General Chemistry

Method SM5210B_BODCalc: The correction factor for the Seeded Control Blank (SCB) for batch 670-74669 was below the method range of 0.6 to 1.0 mg/L. Thus, there is added uncertainty for the associated sample results.

Methods SM 5210B, SM5210B: The following samples underdepleted: 2464507 (670-33909-1) and 2464508 (670-33909-2). Results have been reported and may be biased high.

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

Eurofins Orlando

Detection Summary

Client: DEP-Chemistry Section
Project/Site: OV505

Job ID: 670-33909-1

Client Sample ID: 2464507	Lab Sample ID: 670-33909-1
---------------------------	----------------------------

No Detections.

Client Sample ID: 2464508	Lab Sample ID: 670-33909-2
---------------------------	----------------------------

No Detections.

- 1
- 2
- 3
- 4
- 5
- 6
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- 9
- 10
- 11
- 12
- 13
- 14
- 15

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: DEP-Chemistry Section
Project/Site: OV505

Job ID: 670-33909-1

Client Sample ID: 2464507
Date Collected: 01/30/24 09:35
Date Received: 01/31/24 11:34

Lab Sample ID: 670-33909-1
Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand (SM5210B)	2.4	U	2.4	2.4	mg/L			01/31/24 18:00	1

Client Sample ID: 2464508
Date Collected: 01/30/24 09:55
Date Received: 01/31/24 11:34

Lab Sample ID: 670-33909-2
Matrix: Water

General Chemistry									
Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand (SM5210B)	2.4	U	2.4	2.4	mg/L			01/31/24 18:14	1

QC Sample Results

Client: DEP-Chemistry Section
Project/Site: OV505

Job ID: 670-33909-1

Method: SM5210B - BOD, 5 Day

Lab Sample ID: MB 670-74669/2

Matrix: Water

Analysis Batch: 74669

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			01/31/24 14:56	1

Lab Sample ID: SCB 670-74669/4

Matrix: Water

Analysis Batch: 74669

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	SCB Result	SCB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			01/31/24 15:03	1

Lab Sample ID: USB 670-74669/1

Matrix: Water

Analysis Batch: 74669

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	USB Result	USB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biochemical Oxygen Demand	2.0	U	2.0	2.0	mg/L			01/31/24 14:54	1

Lab Sample ID: LCS 670-74669/3

Matrix: Water

Analysis Batch: 74669

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biochemical Oxygen Demand	198	193		mg/L		98	85 - 115

Lab Sample ID: 762-3405-C-1 DU

Matrix: Water

Analysis Batch: 74669

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Biochemical Oxygen Demand	6.0	U	6.0	U	mg/L		NC	20

QC Association Summary

Client: DEP-Chemistry Section
Project/Site: OV505

Job ID: 670-33909-1

General Chemistry

Analysis Batch: 74669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-33909-1	2464507	Total/NA	Water	SM5210B	
670-33909-2	2464508	Total/NA	Water	SM5210B	
MB 670-74669/2	Method Blank	Total/NA	Water	SM5210B	
SCB 670-74669/4	Method Blank	Total/NA	Water	SM5210B	
USB 670-74669/1	Method Blank	Total/NA	Water	SM5210B	
LCS 670-74669/3	Lab Control Sample	Total/NA	Water	SM5210B	
762-3405-C-1 DU	Duplicate	Total/NA	Water	SM5210B	

Lab Chronicle

Client: DEP-Chemistry Section
Project/Site: OV505

Job ID: 670-33909-1

Client Sample ID: 2464507
Date Collected: 01/30/24 09:35
Date Received: 01/31/24 11:34

Lab Sample ID: 670-33909-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM5210B		1	74669	AAM	EET ORL	01/31/24 18:00

Client Sample ID: 2464508
Date Collected: 01/30/24 09:55
Date Received: 01/31/24 11:34

Lab Sample ID: 670-33909-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM5210B		1	74669	AAM	EET ORL	01/31/24 18:14

Laboratory References:
EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

Accreditation/Certification Summary

Client: DEP-Chemistry Section
Project/Site: OV505

Job ID: 670-33909-1

Laboratory: Eurofins Orlando

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E83018	06-30-24

- 1
- 2
- 3
- 4
- 5
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- 13
- 14
- 15

Method Summary

Client: DEP-Chemistry Section
Project/Site: OV505

Job ID: 670-33909-1

Method	Method Description	Protocol	Laboratory
SM5210B	BOD, 5 Day	SM	EET ORL

Protocol References:

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

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

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Sample Summary

Client: DEP-Chemistry Section
Project/Site: OV505

Job ID: 670-33909-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
670-33909-1	2464507	Water	01/30/24 09:35	01/31/24 11:34
670-33909-2	2464508	Water	01/30/24 09:55	01/31/24 11:34

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
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- 11
- 12
- 13
- 14
- 15

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
TASK ASSIGNMENT/NOTIFICATION FORM: LAB145

Contract Manager: Linda Allen/Devan Cobb
2600 Blair Stone Rd., MS 6512
Tallahassee, FL 32399-2400

(850)-245-8084 / (850) 245-8078

Contractor: Eurofins Environmental Testing Southeast, LLC
5102 LaRoche Ave
Savannah, GA 31404
ATTN: Noel Savoie

DEP Approval By: Devan R. Cobb-Williams

Contractor Approval By: Noel Savoie
Project Manager

Contractor Representatives Contacted: Noel Savoie

Date: 12/28/2023

Means of Contact: Email

Task Assignment Number: OV505

Maximum Cost: \$83.00

Turnaround Time: 5 BD

Sample Delivery Date: 1/18/2024

Project Name/Description:

RQ-2024-01-15-31: El Jobean

Deliverable Number/ Parameter Group/	Sample Matrix	# of Samples	# of Containers	DEP ID #	Unit Cost	% Mark- up (if any)	Cost
Method							
Quote/OV-BOD-LIN	W	2	2		\$39.00		\$78.00
BOD, NOT nitrogen- inhibited							
5210B-2011							

217/Sample Disposal Fee: 2

\$2.50

\$5.00

Total Number of Containers Shipped: 2

Total: \$83.00



670-33909 Field Street
COC

QC Instructions:

Comments:

Samples released to Contract Lab by: [Signature] Date/Time: 1317 01/30/24

Delivery Method: FEDEX Shipping 1 cooler

Samples Accepted by: [Signature] Date/Time 1-31-2024 0920

Please sign and return by email to Linda.S.Allen@FloridaDEP.gov and Devan.R.Cobb@fla.dep.state.fl.us

Customer: SO-DIST

Requester: Nicole Reistad

Field Report Prepared By:

Nicole Reistad

Project ID: SMP

Collected By:

Nicole Reistad, Emily Atkinson

Sampling Agency:

FDEP-JCRC

Location <u>Sam Knight Creek Trib East</u>	☐ Comp ☐ Grab	Collection (comp begin or grab) Date <u>01/30/24</u> Time <u>0935</u>	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>5.80 mg/L</u> <u>63.9%</u> % sat	Total Res. Chlorine (mg/L) <u>—</u>		A
WIN/STORET # <u>G3SD0247</u>	Temp (C) <u>18.9</u>	pH <u>6.97</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>7450</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>4.13</u>	Comments <u>total depth: 0.7m secchi: 0.7m "S"</u>		
Location <u>Sam Knight Creek Trib West</u>	☐ Comp ☐ Grab	Collection (comp begin or grab) Date <u>01/30/24</u> Time <u>0955</u>	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>6.58 mg/L</u> <u>74.7%</u> % sat	Total Res. Chlorine (mg/L) <u>—</u>		A
WIN/STORET # <u>G3SD0246</u>	Temp (C) <u>19.6</u>	pH <u>7.24</u>	Sample Depth <u>0.3</u> ☐ ft ☒ m	Sp. Conductance (umho/cm) <u>11781</u>	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>6.75</u>	Comments		
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: <u>[Signature]</u>	Date/Time <u>01/30/24 1317</u>	Shipping Method <u>FDEx</u>	Number of Coolers Shipped: <u>1</u>	Received By: <u>MC</u>	Date/Time <u>1/31/24 990</u>
--	-----------------------------------	--------------------------------	--	---------------------------	---------------------------------



670-33909 Chain of Custody

Cooler Packing Worksheet for Request: RQ-2024-01-15-31

2024 SMP : El Jobean
Cooler On: 1/8/2024
Customer/Project: SO-DIST/SMP

Assigned To: SHAIK_A
Requester: Nicole Reistad
Priority: 3

239-344-5718
FLDEP South District Office
2295 Victoria Ave. Suite 314
Fort Myers, FL 33901-3381
Attn: Nicole Reistad

Comments:

No preservatives needed.

Group A: Nutrients, Entero, BOD x2
Group B: Nutrients, Entero, Fecal
Group C: Nutrients, Entero, Fecal, Tracers
Group D: Nutrients, Entero, Tracers

Requested Analyses:

Bottle Group: A

of Sites: 2

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot #

7982
00088155
AB

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm (not valid for NPDES monitoring)

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot #

1388963

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-1L
Description: Plastic Bottle 1L

Qty: 2 Preservation: ICE

Lot # SDV87982

Analysis
OV-BOD-UN

Description
BOD, NOT nitrogen-inhibited at Eurofins Testamerica

Container ID: P-250ML-WI-THI
Description: 250 ml Sterilized with tablet

Qty: 2 Preservation: ICE

Lot # L22131

Analysis
SD-BES-ENQ

Description
Enterococci by Enterolert/QT by BEA South in North Port

Container ID: P-500ML
Description: Plastic Bottle 500 mL

Qty: 2 Preservation: ICE And H2SO4

Lot # SDV88551

Affix YELLOW sulfuric acid dot to container.

Analysis
W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Description
Ammonia in aqueous matrices as mg N/L
Nitrite/Nitrate in aqueous matrices as mg N/L
Total Phosphorus in aqueous matrices as mg P/L
Total Kjeldahl Nitrogen in aqueous matrices
Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group: B

of Sites: 1

Container ID: P-1L
Description: Plastic Bottle 1L

Qty: 1 Preservation: ICE

Lot # SDV87982

Analysis
ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Description
Alkalinity in aqueous matrices as mg CaCO3/L
Turbidity in aqueous matrices
Chloride in aqueous matrices
True Color measured at 450 nm (not valid for NPDES monitoring)
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Sulfate in aqueous matrices
Total Dissolved Solids in aqueous matrices
Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L
Description: Brown Plastic Bottle 1L

Qty: 1 Preservation: ICE

Lot # 1388963

Analysis
CHLSUITE-W

Description
Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI Qty: 1 Preservation: ICE

Lot # L22131

Description: 250 ml Sterilized with tablet

Analysis

SD-BES-ENQ

Description

Enterococci by Enterolert/QT by BEA South in North Port

Container ID: P-250ML-WI-THI Qty: 1 Preservation: ICE

Lot # L22131

Description: 250 ml Sterilized with tablet

Analysis

SD-BES-FC

Description

Fecal coliforms by MF by BEA South in North Port

Container ID: P-500ML Qty: 1 Preservation: ICE And H2SO4

Lot # 558855

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group: C

of Sites: 1

Container ID: P-1L Qty: 1 Preservation: ICE

Lot # 558798

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm (not valid for NPDES monitoring)

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L Qty: 1 Preservation: ICE

Lot # 1388963

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI Qty: 1 Preservation: ICE

Lot # 22131

Description: 250 ml Sterilized with tablet

Analysis

SD-BES-ENQ

Description

Enterococci by Enterolert/QT by BEA South in North Port

Container ID: P-250ML-WI-THI Qty: 1 Preservation: ICE

Lot # 22131

Description: 250 ml Sterilized with tablet

Analysis

SD-BES-FC

Description

Fecal coliforms by MF by BEA South in North Port

Container ID: BG-500ML Qty: 1 Preservation: ICE

Lot # 88855

Description: Brown Glass Bottle 500ML *FILL Completely* Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

f Container ID: P-500ML Qty: 1 Preservation: ICE And H2SO4

Lot # 88855

f Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-1P

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group: D

of Sites: 1

Container ID: P-1L Qty: 1 Preservation: ICE

Lot # 887982

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm (not valid for NPDES monitoring)

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1388963

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI

Qty: 1 Preservation: ICE

Lot # 462131

Description: 250 ml Sterilized with tablet

Analysis

SD-BES-ENQ

Description

Enterococci by Enterolert/QT by BEA South in North Port

Container ID: BG-500ML

Qty: 1 Preservation: ICE

Lot # 88857

Description: Brown Glass Bottle 500ML *FILL Completely* Affix BLUE dot to container.

Analysis

W-E8321-D1

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

W-E8321-MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 888551

Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

Description

Ammonia in aqueous matrices as mg N/L

W-NO2/NO3

Nitrite/Nitrate in aqueous matrices as mg N/L

W-S-A-TP

Total Phosphorus in aqueous matrices as mg P/L

W-TKN

Total Kjeldahl Nitrogen in aqueous matrices

W-TOC

Nonpurgeable Organic Carbon in aqueous matrices

Cooler Packed By: ADP Number of Coolers: 3 Date: 6-8-23

Kit must also include:

☒ Field Sheets

☒ Temperature Control Bottle

☒ FedEx Bills, if applicable

☐ Plastic Bags/Zip Ties

☐ Acid Labels (sets of 24)

If Preservation Included:

ID

Exp

Lot #

ID

Exp

Lot #

ID

Exp

Lot #

ID

Exp

Lot #

ID

Exp

Lot #

PLEASE RETURN ALL COOLERS FOR RQ-2024-01-15-31

01-FEB-2024 08:11

Printed: 2/1/2024 8:11:43 AM

Page 1 of 1

<u>EVENT ID</u>	<u>REQUEST ID</u>	<u>FIELD ID</u>	<u>DATE SAMPLED</u>	<u>REFERENCE</u>	<u>COMPONENT</u>	<u>MATRIX</u>	<u>ANALYSIS</u>	<u>SAMPLE ID</u>
SO-DIST-2024-	RQ-2024-01-15	G3SD0073	30-Jan-2024 11:00	Enterolert/QT	Enterococci-Qu	W-SURF-SLT	SD-BES-ENQ	2464511
SO-DIST-2024-	RQ-2024-01-15	G3SD0073	30-Jan-2024 11:00	SM 9222 D	Fecal	W-SURF-SLT	SD-BES-FC	2464512
SO-DIST-2024-	RQ-2024-01-15	G3SD0246	30-Jan-2024 09:55	Enterolert/QT	Enterococci-Qu	W-SURF-SLT	SD-BES-ENQ	2464510
SO-DIST-2024-	RQ-2024-01-15	G3SD0246	30-Jan-2024 09:55	SM 5210 B	Biochemical	W-SURF-SLT	OV-BOD-UN	2464508
SO-DIST-2024-	RQ-2024-01-15	G3SD0247	30-Jan-2024 09:35	Enterolert/QT	Enterococci-Qu	W-SURF-SLT	SD-BES-ENQ	2464509
SO-DIST-2024-	RQ-2024-01-15	G3SD0247	30-Jan-2024 09:35	SM 5210 B	Biochemical	W-SURF-SLT	OV-BOD-UN	2464507
SO-DIST-2024-	RQ-2024-01-15	G3SD0248	30-Jan-2024 12:40	Enterolert/QT	Enterococci-Qu	W-SURF-SLT	SD-BES-ENQ	2464513

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
TASK ASSIGNMENT/NOTIFICATION FORM: LAB145

Contract Manager: Linda Allen/Devan Cobb
2600 Blair Stone Rd., MS 6512
Tallahassee, FL 32399-2400
(850)-245-8084 / (850) 245-8078

Contractor: Eurofins Environmental Testing Southeast, LLC
5102 LaRoche Ave
Savannah, GA 31404
ATTN: Noel Savoie

DEP Approval By: Devan R. Cobb-Williams Contractor Approval By: Noel Savoie
Project Manager

Contractor Representatives Contacted: Noel Savoie

Date: 12/28/2023

Means of Contact: Email

Task Assignment Number: OV505 Maximum Cost: **\$83.00**
Sample Delivery Date: 1/18/2024 Turnaround Time: 5 BD

Project Name/Description:
RQ-2024-01-15-31; El Jobean

Deliverable Number/	Sample Matrix	# of Samples	# of Containers	DEP ID #	Unit Cost	% Markup (if any)	Cost
Method							
Quote/OV-BOD-UN	W	2	2		\$39.00		\$78.00
BOD, NOT nitrogen-inhibited							
5210B-2011							

217/Sample Disposal Fee: 2 \$2.50 \$5.00
Total Number of Containers Shipped: 2 Total: **\$83.00**



670-33909 Field Sheet

QC Instructions:

Comments:

Samples released to Contract Lab by: Devan R. Cobb-Williams Date/Time: 1317 01/30/24
Delivery Method: FedEx Shipping 1 cooler

Samples Accepted by: _____ Date/Time: _____

* Please sign and return by email to Linda.S.Allen@FloridaDEP.gov and Devan.R.Cobb@dep.state.fl.us

Cooler Packing Worksheet for Request: RQ-2024-01-15-31

2024 SMP : El Jobean

Ship Cooler On: 1/8/2024

Assigned To: SHAIK_A
Requester: Nicole Reistad
Priority: 3

Customer/Project: SO-DIST/SMP

239-344-5718

FLDEP South District Office

2295 Victoria Ave. Suite 314

Fort Myers, FL 33901-3381

Attn: Nicole Reistad

Comments:

No preservatives needed.

Group A: Nutrients, Entero, BOD x2

Group B: Nutrients, Entero, Fecal

Group C: Nutrients, Entero, Fecal, Tracers

Group D: Nutrients, Entero, Tracers

Requested Analyses:

Bottle Group: A

of Sites: 2

Container ID: P-1L

Qty: 2 Preservation: ICE

Description: Plastic Bottle 1L

Lot #

7982
00088455
APR

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm (not valid for NPDES monitoring)

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 2 Preservation: ICE

Description: Brown Plastic Bottle 1L

Lot #

1388963

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-1L

Qty: 2 Preservation: ICE

Description: Plastic Bottle 1L

Lot # SD 87982

Analysis
OV-BOD-UN

Description
BOD, NOT nitrogen-inhibited at Eurofins Testamerica

Container ID: P-250ML-WI-THI

Qty: 2 Preservation: ICE

Description: 250 ml Sterilized with tablet

Lot # L-62131

Analysis
SD-BES-ENQ

Description
Enterococci by Enterolert/QT by BEA South in North Port

Container ID: P-500ML

Qty: 2 Preservation: ICE And H2SO4

Lot # SD 88551

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis
W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Description
Ammonia in aqueous matrices as mg N/L
Nitrite/Nitrate in aqueous matrices as mg N/L
Total Phosphorus in aqueous matrices as mg P/L
Total Kjeldahl Nitrogen in aqueous matrices
Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group: B

of Sites: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # SD 87982

Description: Plastic Bottle 1L

Analysis
ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Description
Alkalinity in aqueous matrices as mg CaCO3/L
Turbidity in aqueous matrices
Chloride in aqueous matrices
True Color measured at 450 nm (not valid for NPDES monitoring)
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Sulfate in aqueous matrices
Total Dissolved Solids in aqueous matrices
Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1388963

Description: Brown Plastic Bottle 1L

Analysis
CHLSUITE-W

Description
Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI Qty: 1 Preservation: ICE

Description: 250 ml Sterilized with tablet

Lot #

1388131

Analysis
SD-BES-ENQ

Description

Enterococci by Enterolert/QT by BEA South in North Port

Container ID: P-250ML-WI-THI Qty: 1 Preservation: ICE

Description: 250 ml Sterilized with tablet

Lot #

1388131

Analysis
SD-BES-FC

Description

Fecal coliforms by MF by BEA South in North Port

Container ID: P-500ML

Description: Plastic Bottle 500 mL

Qty: 1 Preservation: ICE And H2SO4

Affix YELLOW sulfuric acid dot to container.

Lot #

888551

Analysis

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC
Description
Ammonia in aqueous matrices as mg N/L
Nitrite/Nitrate in aqueous matrices as mg N/L
Total Phosphorus in aqueous matrices as mg P/L
Total Kjeldahl Nitrogen in aqueous matrices
Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group: C

of Sites: 1

Container ID: P-1L

Description: Plastic Bottle 1L

Qty: 1 Preservation: ICE

Lot #

8887982

Analysis

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS
Description
Alkalinity in aqueous matrices as mg CaCO3/L
Turbidity in aqueous matrices
Chloride in aqueous matrices
True Color measured at 450 nm (not valid for NPDES monitoring)
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
Sulfate in aqueous matrices
Total Dissolved Solids in aqueous matrices
Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Description: Brown Plastic Bottle 1L

Qty: 1 Preservation: ICE

Lot #

1388963

Analysis
CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI Qty: 1 Preservation: ICE Lot # L22131
Description: 250 ml Sterilized with tablet

<u>Analysis</u>	<u>Description</u>
SD-BES-ENQ	Enterococci by Enterolert/QT by BEA South in North Port

Container ID: P-250ML-WI-THI Qty: 1 Preservation: ICE Lot # L22131
Description: 250 ml Sterilized with tablet

<u>Analysis</u>	<u>Description</u>
SD-BES-FC	Fecal coliforms by MF by BEA South in North Port

Container ID: BG-500ML Qty: 1 Preservation: ICE Lot # 88888888
Description: Brown Glass Bottle 500ML *FILL Affix BLUE dot to container.
Completely*

<u>Analysis</u>	<u>Description</u>
W-E8321-DT	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML Qty: 1 Preservation: ICE And H2SO4 Lot # 88888888
Description: Plastic Bottle 500 ml Affix YELLOW sulfuric acid dot to container.

<u>Analysis</u>	<u>Description</u>
W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Bottle Group: D # of Sites: 1

Container ID: P-1L Qty: 1 Preservation: ICE Lot # 88888888
Description: Plastic Bottle 1L

<u>Analysis</u>	<u>Description</u>
ALKALINITY	Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Turbidity in aqueous matrices
W-CL-IC	Chloride in aqueous matrices
W-COLOR	True Color measured at 450 nm (not valid for NPDES monitoring)
W-F	Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Sulfate in aqueous matrices
W-TDS	Total Dissolved Solids in aqueous matrices

W-TSS

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L Qty: 1 Preservation: ICE Lot # 1388963

Description: Brown Plastic Bottle 1L

Analysis
CHLSUITE-W

Description
Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WI-THI Qty: 1 Preservation: ICE Lot # 1388131

Description: 250 ml Sterilized with tablet

Analysis
SD-BES-ENQ

Description
Enterococci by Enterolert/QT by BEA South in North Port

Container ID: BG-500ML Qty: 1 Preservation: ICE Lot # 888857

Description: Brown Glass Bottle 500ML *FILL Completely* Affix BLUE dot to container.

Analysis
W-E8321-Q1
W-E8321-MS

Description
Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML Qty: 1 Preservation: ICE And H2SO4 Lot # 8888551

Description: Plastic Bottle 500 mL Affix YELLOW sulfuric acid dot to container.

Analysis
W-NH3
W-NO2NH3
W-S-A-TP
W-TKN
W-TOC

Description
Ammonia in aqueous matrices as mg N/L
Nitrite/Nitrate in aqueous matrices as mg N/L
Total Phosphorus in aqueous matrices as mg P/L
Total Kjeldahl Nitrogen in aqueous matrices
Nonpurgeable Organic Carbon in aqueous matrices

Cooler Packed By: VRG Number of Coolers: 3 Date: 8-23

- Kit must also include:
- ☒ Field Sheets
 - ☒ Temperature Control Bottle
 - ☒ FedEx Bills, if applicable
 - ☐ Plastic Bags/Zip Ties
 - ☐ Acid Labels (sets of 24)

If Preservation Included:

ID	Exp	Lot #
ID	Exp	Lot #
ID	Exp	Lot #
ID	Exp	Lot #
ID	Exp	Lot #

PLEASE RETURN ALL COOLERS FOR RQ-2024-01-15-31

Login Sample Receipt Checklist

Client: DEP-Chemistry Section

Job Number: 670-33909-1

Login Number: 33909

List Number: 1

Creator: Clerisier, Meline

List Source: Eurofins Orlando

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	