



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

April 2018

Data Qualified?

Yes / No

WIN Station Name: Upper Dianne Lake Middle

Date: 8/8/18

WIN/ Field ID: G1WA0041

WBID: 546B

Latitude: 30.59986

(mm/dd/yyyy)

County: Leon

ORG ID: 21FLWQA

Longitude: -84.23778

(Decimal Degrees)

Receiving Body of Water: Lake Iamonia

RQ-2018- 08-06-20

(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Blake Spencer						X		X	X
Will Lasley					X		X		

Sampling Equipment				
☒ Sample Container	☐ Van Dorn	☐ Pole		
☐ Carboy	☒ Syringe			
☐ Dipper	☐ Other			
Depth Measured with <u>Sonar #1</u>				
Equipment ID				

Collection Method				
☐ Wading	☒ Canoe/Kayak			
☐ From Shore	☒ Electric Motor			
☐ Other	☐ Gasoline Motor			

Water Level: Dry/ Pooled/ Low / Normal / <u>(High)</u> / Flooded					Meter ID# Biology #2					Matrix: <u>Fresh</u> / Marine / DI									
Photos: Yes / <u>No</u>					Flow: No Flow / Intestinal / Flowing / <u>(NA)</u>					Tide: Rising/ Falling/ Slack/ <u>(NA)</u>					Tide Times: High <u>NA</u> Low <u>NA</u>				
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)									
EST	10:00	1.7	0.3	1.0	8.74	117.4	8.50	0.03	78	30.90									
GEN	10:02		1.2		8.28	111.0	8.07	0.04	79	30.72									

Biological Samples Collected: <u>(None)</u> HA SCI RPS Algae ID LVS LVI Other:									
SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#: <u>2018547</u>									

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H2SO4	SA8101020	04/11/19	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	10827054		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CL-IC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice ☐ Other			

SULFURIC ACID <51%
DANGER
7664-93-9
7732-18-5
Contains: 1.1 H2SO4
THERMO FISHER SCIENTIFIC
520 NORTH MAIN STREET
MAH, OH 44554
1-800-656-2711
May be corrosive to metals. Causes severe skin burns and eye damage. Do not breathe fumes/vapors. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Wash contaminated clothing before reuse. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Store in corrosive resistant container with a resistant inner liner.

Contains: 1.1 H2SO4
Lot No.: SA8101020
Expires: 04/11/19
See Safety Data Sheet (SDS)

Notes:

Kit-A
FW Bact

Upper Dianne
Lake Middle

WIN ID/Field ID



G1WA0041

Signature:

Date:

Enter Field Parameters, Verify Station ID in LIMS DMT: 8/8 8/27/18

QC Station ID, Field Parameters in LIMS DMT: CN 8-27-18

Scan/Save Field Sheets Ch 8-28-18

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Blake Spencer

Project ID: SMP

Collected By: Blake Spencer & Will Lasley

Sampling Agency: FAEP

Location		WIN ID/Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Petty Gulf		Date 8/8/18 Time 1203		Date		(See pg 2)	
WIN/STORET #		lake Middle		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine			
Latitude		30.58915		pH 7.47		ft		A	
Longitude		-84.22637		Sample Depth 0.3		m		53	
Location		WIN/STORET #		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID				Date		Date			
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine			
Latitude				pH		ft			
Longitude				Sample Depth		m			
Location		WIN/STORET #		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID				Date		Date			
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine			
Latitude				pH		ft			
Longitude				Sample Depth		m			
Location		WIN/STORET #		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID				Date		Date			
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine			
Latitude				pH		ft			
Longitude				Sample Depth		m			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
	8/9/18 1415	Hand delivered	1		8/8/18 1415

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

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Sampling Agency: FNEP

Location	Field ID	WIN ID/Field ID	Latitude	Longitude	Temp (C)	Salinity (ppt)	pH	Sample Depth	Diss. Oxygen	Matrix (type, e.g., Salt, Fresh, etc)	Collection (comp begin or grab)	Comp Grab	Composite end Date	Time	Bottle Group(s)
Lower Dianne Lake Middle		g1WA00040	30.59355	-84.23534	31.43	0.03	7.99	0.3	113.2	Fresh	8/8/18	11:05	11:05	11:05	A
Upper Dianne Lake Middle		g1WA00041	30.59986	-84.23778	30.90	0.03	8.50	0.3	117.4	Fresh	8/8/18	16:00	16:00	16:00	A
Lake Monkey Business Middle		g1WA00036	30.60779	-84.23076						Fresh	8/8/18				A
Pine Hill Lake Middle		g1WA00054	30.58492	-84.2195	31.87	0.02	8.27	0.3	126.8	Fresh	8/8/18	12:22	12:22	12:22	A

Relinquished By: 	Date/Time: 9/9/18 1415	Shipping Method: Hand delivered	Number of Coolers Shipped: 1	Received By: 	Date/Time: 8/5/18 1415
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Group: A	Bottle Type: P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type: BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
CHLSUITE-W						
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
ECOLI-18QT						
Group: A	Bottle Type: P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
H2SO4 LOT# S93101029 EXP: 04/11/2019						
Group: A	Bottle Type: P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
W-PO4-F Lot# 10827054						

Boldly "X" this box if there is qualified data on this page.

RQ-

Project: SMP

- Circle/Fill In: Lab Calibration or Calibration/Verification on Site

Date of Last Temperature Verification

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Conductivity Acceptance criteria $\pm 5\%$

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or $\pm 0.05m$, whichever is greater.

Form effective October 1, 2017

Cooler Packing Worksheet for Request: RQ-2018-08-06-20

Killarney Lakes

Ship Cooler On: 8/2/2018

Customer/Project: WAS-SECT/SMP

Assigned To: REAVES_S

Requester: Curtis Musson

Priority: 3

850-245-8453

2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson

Please return
packing list with
sample submittal
forms.

Comments:

No preservatives needed.

Group A: Nutrients, E.coli

Packing Notes

No FedEx Labels

No Trash bags

Requested Analyses:

Bottle Group: A

of Sites: 5

Container ID: P-1L

Qty: 5 Preservation: ICE

Lot # 00071233

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

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: 5 Preservation: ICE

Lot # 1221957

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-250ML-WO-THI

Qty: 5 Preservation: ICE

Lot # L17142

Description: 250 ml Sterilized no tablet

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Container ID: P-500ML

Qty: 5 Preservation: ICE And H2SO4

Lot # 00071864

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

Container ID: P-125ML

Qty: 5 Preservation: FILTER-ICE

Lot # 00071266

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: SR

Number of Coolers: 2

Date: 7-30-18

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-2018-08-06-20