



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

April 2018

Data Qualified?

Yes / No

WIN Station Name: Petty Gulf Lake Middle

Date: 8/8/18

WIN/ Field ID: G1WA0022

WBID: 564C

Latitude: 30.58915

(mm/dd/yyyy)

County: Leon

ORG ID: 21FLWQA

Longitude: -84.22637

(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	Sampling Equipment					
Blake Spencer											☒ Sample Container	☐ Van Dorn	☐ Pole			
Will Lasley											☐ Carboy	☒ Syringe				
											☐ Dipper	☐ Other				
											Depth Measured with <u>Sonar #1</u>					
											Equipment ID					
Collection Method																
☐ Wading																
☒ Canoe/Kayak																
☐ From Shore																
☒ Electric Motor																
☐ Gasoline Motor																
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / 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	1203	2.0	0.3	1.9	7.43	101.2	7.47	0.02	53	31.75						
CEN	1205		1.5		3.53	45.6	6.42	0.02	56	29.54						
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#: 2015549																
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									

Notes:

Kit-A
FW Bact

Petty Gulf
lake Middle

WIN ID/Field ID



G1WA0022

Signature:

[Signature]

Date:

8/8/18

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

QC Station ID, Field Parameters In LIMS DMT: CM 8-28-18

Scan/Save Field Sheets CM 8-28-18

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Field Report Prepared By:

Collected By: Blake Spencer & Will Lasley

Sampling Agency:

[illegible]

Relinquished By: 	Date/Time 8/9/18 14/5	Shipping Method Hand delivered	Number of Coolers Shipped: 1	Received By: 	Date/Time 8/8/18 14/1
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Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By: Blake Spencer & Will Lasley

Field Report Prepared By: Blake Spencer

Sampling Agency: FDEP

Location		WIN ID/Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Lowerr Dianne Lake Middle		Date 8/8/18 Time 1105		Date		(See pg 2)	
WIN/STORET #		G1WA00040		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine			
Latitude		30.59355		Temp (C) 31.43		pH 7.99		A	
Longitude		-84.23534		Salinity (ppt) 0.03		Sample Depth 0.3		Sp. Conductance (umho/cm) 75	
Location		WIN ID/Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Upper Dianne Lake Middle		Date 8/8/18 Time 16:00		Date			
WIN/STORET #		G1WA00041		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine			
Latitude		30.59986		Temp (C) 30.90		pH 8.50		A	
Longitude		-84.23778		Salinity (ppt) 0.03		Sample Depth 0.3		Sp. Conductance (umho/cm) 78	
Location		WIN ID/Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Lake Monkey Business Middle		Date 8/8/18 Time		Date			
WIN/STORET #		G1WA00036		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine			
Latitude		30.60779		Temp (C)		pH		A	
Longitude		-84.23076		Salinity (ppt)		Sample Depth		Sp. Conductance (umho/cm)	
Location		WIN ID/Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Pine Hill Lake Middle		Date 8/8/18 Time 1222		Date			
WIN/STORET #		G1WA00054		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine			
Latitude		30.58492		Temp (C) 31.87		pH 8.27		A	
Longitude		-84.2195		Salinity (ppt) 0.02		Sample Depth 0.3		Sp. Conductance (umho/cm) 43	

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

Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					4
	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
	CHLSUITE-W					4

Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QIT					4

Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					4
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					

Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					4

Lot # 10827054

H2SO4
LOT # S681010230
EXP: 04/11/2019

Page 2 of 2

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

Project: SMP

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

Date of Last Temperature Verification

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

Conductivity Acceptance criteria $\pm 5\%$

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ; mV pH 4 Range $+180 \pm 50$; mV pH 10 Range -180 ± 50 ;
If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

COMMENTS:

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