



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

PAGE 1 OF 4

Data Qualified?
Yes / No

January 2017

STORET Station Name: Lake Tom John Middle

Date: 3/14/2017

(mm/dd/yyyy)

STORET Station ID: G1WA0043

WBID: 647A

Latitude: 30.54484

(Decimal Degrees)

County: Leon RQ - 2017-01-23-58

ORG ID: 21FLWQA

Longitude: -84.21478

(Decimal Degrees)

Receiving Body of Water: NA

Field ID: G1WA0043-03142017

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Diana Turner									
Robert Wiwi									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Equipment ID		
Collection Method		
☐ Wading	☒ Via Boat	
☐ From Shore	☒ Canoe/Kayak	
☐ Other (note below)	☐ Electric Motor	
	☐ Gasoline Motor	

Water Level: Dry / Pooled / Low / Normal / High / Flooded					Matrix: Fresh / Marine / DI					
Meter ID# 3602			Photos: Yes / No			Tide Falling: Yes / No / NA				
Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	11:20	0.3	2.4	7.88	83.1	4.14	0.03	1.6	63	17.89
CEN		1.9		7.94	83.8	4.18	0.03		63	17.87

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other

SBIO ID Numbers: SBIO-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	6302030	10/28/17	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO2			☐ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-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 ☐ Entero ☐ PCR-FILTER	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			

Contains
1:1
Sulfuric Acid
SA-6302030
EXP: 10/28/17
Warning!
See SDS

Preservative Sticker(s) Here
(If Available)

Notes:
1-Kit A

Field ID →

Lake Tom
John Middle

Mar 14, 2017

G1WA0043-03142017

Lake Tom
John Middle

STORET ↓



G1WA0043

Signature:

Date:

3/14/17

Field Parameters Entered into LIMS: DT 3/16/17

(Initials/Date)

Field Parameters QC in LIMS:

(Initials/Date)

Date Migrated to STORET:

(Initials/Date)

Field Sheets Scanned/Saved: DT 3/16/17

(Initials/Date)

*** DID NOT COLLECT pH ***
(cap was left on)

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

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

Meter **Biology 2**

RQ- **2017-01-23-58**

Project **SMP**

- Notes:** (1) Numbers ≤ 4 , are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
(2) Always wait for meter to stabilize before recording any readings.
(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

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

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification ~~09/23/2016~~ **3/6/17 RW**

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Robert Wini	3/13/17	15:12	20.6	9.0	9.6	100	50.2	—	P	L
ICV	Robert Wini	3/13/17	15:13	20.6	9.0	9.0	100	50.2	—	P	L
CCV	Robert Wini	3/14/17	12:52	16.7	9.7	9.9	102	48.2	—	P	L
CCV											

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

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

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

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Robert Wini	3/13/17	15:15	161111D	11/17	1000	1000	P	L
ICV	Robert Wini	3/13/17	15:16	161111D	11/17	1000	1000	P	L
CCV	↓	3/14/17	12:55	2510F25	10/17	100	102	P	L
CCV									

Report specific conductance as a whole number with no decimal figure.

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Robert Wini	3/13/17	15:17	161111B	5/18	7.0	7.0	-126	P	L
Calibr.	↓	↓	15:19	161111A	11/17	4.0	4.0	164.8	P	L
Calibr.	↓	↓	15:20	161111C	5/18	10.0	10.0	-174.1	P	L
ICV	↓	↓	15:22	161111A	11/17	4.0	3.9	170.9	P	L
CCV	↓	3/14/17								L
CCV										

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU; mV pH7 Range 0 $\pm$ 50;

mV pH 4 Range +180 $\pm$ 50;

mV pH 10 Range -180 $\pm$ 50;

Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Central Lab Sample Submittal Form

Request Number: RQ-2017-01-23-58

Killearn Chain of Lakes

Customer: WQ-ASSESS

Project ID: SMP

Requester: Curtis Musson

Collected By: Robert Wiwi ? Dianne Turner

Field Report Prepared By: Dianne Turner

Sampling Agency: FDEP

Page 1 of 2

Collection (comp begin or grab)		Collection (comp begin or grab)		Collection (comp begin or grab)	
Comp	Grab	Date	Time	Date	Time
☐	☒	3/14/17	8:45 AM	3/14/17	9:35 AM
Matrix (Salt, Fresh)		Diss. Oxygen (mg/L)		Diss. Oxygen (mg/L)	
Fresh		8.45		7.87	
Temp (C)		pH		pH	
17.15					
Salinity (ppt)		Comments		Comments	
0.03					
Latitude (Decimal Degrees)		Longitude (Decimal Degrees)		Longitude (Decimal Degrees)	
30.59486		-84.23778		-84.23534	
Bottle Group(s)		Bottle Group(s)		Bottle Group(s)	
A		A		A	

Field ID →
Upper Dianne Lake Middle
Mar 14, 2017
G1WA0041-03142017

STORET ↓
Upper Dianne Lake Middle
G1WA0041

Field ID →
Lower Dianne Lake Middle
Mar 14, 2017
G1WA0040-03142017

STORET ↓
Lower Dianne Lake Middle
G1WA0040

Field ID →
Petty Gulf lake Middle
Mar 14, 2017
G1WA0022-03142017

STORET ↓
Petty Gulf lake Middle
G1WA0022

Relinquished By: Dianne Turner	Date/Time: 3/14/17	Number of Coolers: 2	Received By: [Signature]	Date/Time: 03-14-17 16:31
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Request Number: RQ-2017-01-23-58
Killearn Chain of Lakes
Customer: WQ-ASSESS
Project ID: SMP

Requester: Curtis Musson

Field Report Prepared By: Diana Turner
Sampling Agency: FDEP

Page 2 of 2

Collected By: Robert Wini & Diana Turner

☐ Comp ☒ Grab		Collection (comp begin or grab) Date 3/14/17 Time 10:35 AM		Collection (comp begin or grab) Date Time		Bottle Group(s)	
Matrix (Salt, Fresh) Fresh		Diss. Oxygen (mg/L) 9.38		Sample Depts (m) 0.3		Sp. Conductance (umho/cm) 45	
Temp (C) 17.33		pH				A	
Salinity (ppt) 0.02		Comments					
Latitude (Decimal Degrees) 30.58492		Longitude (Decimal Degrees) -84.2195					
☐ Comp ☒ Grab		Collection (comp begin or grab) Date 3/14/17 Time 11:20 AM		Collection (comp begin or grab) Date Time		Bottle Group(s)	
Matrix (Salt, Fresh) Fresh		Diss. Oxygen (mg/L) 7.88		Sample Depts (m) 0.3		Sp. Conductance (umho/cm) 63	
Temp (C) 17.89		pH				A	
Salinity (ppt) 0.03		Comments					
Latitude (Decimal Degrees) 30.54484		Longitude (Decimal Degrees) -84.21478					
☐ Comp ☒ Grab		Collection (comp begin or grab) Date 3/14/17 Time 11:50 AM		Collection (comp begin or grab) Date Time		Bottle Group(s)	
Matrix (Salt, Fresh) Fresh		Diss. Oxygen (mg/L) 7.82		Sample Depts (m) 0.1		Sp. Conductance (umho/cm) 94	
Temp (C) 13.31		pH				A, B	
Salinity (ppt) 0.04		Comments					
Latitude (Decimal Degrees) 30.53735		Longitude (Decimal Degrees) -84.22847					

Field ID →
Pine Hill
Lake Middle
Mar 14, 2017

STORET ↓
G1WA0054-03142017
G1WA0054

Pine Hill
Lake Middle

Field ID →
Lake Tom
John Middle
Mar 14, 2017

STORET ↓
G1WA0043-03142017
G1WA0043

Lake Tom
John Middle

Field ID →
Killearn Chain of Lakes Outlet at
Velda Dairy Fld.
Mar 14, 2017

STORET ↓
G1WA0015-03142017
G1WA0015

Killearn Chain of Lakes Outlet at
Velda Dairy Fld. across from Mint Hill Ct.

Relinquished By: Diana Turner	Date/Time 3/14/17 12:31	Number of Coolers 2	Received By: DAB	Date/Time 03-14-17 12:31
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