



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

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Data Qualified?
Yes / No

January 2017

STORET Station Name: Upper Dianne Lake Middle

Date: 3/14/2017

(mm/dd/yyyy)

STORET Station ID: G1WA0041

WBID: 546B

Latitude: 30.59986

(Decimal Degrees)

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

ORG ID: 21FLWQA

Longitude: -84.23778

(Decimal Degrees)

Receiving Body of Water: LAKE MONKEY BUSINESS

Field ID: G1WA0041-03142017

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Diana Turner							X	X	X	☒ Sample Container	☐ Van Dorn	☐ Pole	
Robert Wiwi					X	X				☐ 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# B10 2										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 (umhos/cm)	Temp. (C°)			
EST	8:45	0.3	1.6	8.45	88.1	4.18	0.03	NOT Provided	76	17.15			
CEN	8:48	1.1		8.24	85.3	4.15	0.03		76	17.05			

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 um 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	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Other			

Contains
1:1
Sulfuric Acid
SA-6302030
EXP: 10/28/17
Warning:
SDSAdhesive Sticker(s) Here
(Available)Notes:
1-Kit A

Field ID: →

Upper Dianne
Lake Middle

Mar 14, 2017



G1WA0041-03142017

Upper Dianne
Lake Middle

G1WA0041

Signature:

Date:

3/14/17

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

(Initials/Date)

Field Parameters QC in LIMS:

Date Migrated to STORET:

(Initials/Date)

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

(Initials/Date)

(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** *RLW*

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 mhos/cm	Meter Reading μ mhos/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	-17.6	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 ± 50 ;

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

mV pH 10 Range -180 ± 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

RQ-2017-01-23-58

Request Number: RQ-
Killearn Chain of Lakes
Customer: WQ-ASSESS
Project ID: SMP

Requester: Curtis Musson

Collected By: Robert Wiwi ? Dane-Turner

Field Report Prepared By: D. G.
Sampling Agency: FDEP

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Collection (comp begin or grab)						Bottle Group(s)
Date	Time	Eastern Central	Date	Time		
3/14/17	8:45 AM	Eastern Central				A
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	8.45	Sample Depts (m)	0.3	Sp. Conductance (umho/cm)	76
Fresh	pH		Comments			
Temp (C)	17.15					
Salinity (ppt)	0.03					
Latitude (Decimal Degrees)	30.59486		Longitude (Decimal Degrees)	-84.23778		
Collection (comp begin or grab)						Bottle Group(s)
Date	Time	Eastern Central	Date	Time		
3/14/17	9:35 AM	Eastern Central				A
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	7.87	Sample Depts (m)	0.3	Sp. Conductance (umho/cm)	
Fresh	pH		Comments			
Temp (C)	18.38					
Salinity (ppt)	0.03					
Latitude (Decimal Degrees)	30.59355		Longitude (Decimal Degrees)	-84.23534		
Collection (comp begin or grab)						Bottle Group(s)
Date	Time	Eastern Central	Date	Time		
3/14/17	10:10 AM	Eastern Central				A
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	7.97	Sample Depts (m)	0.3	Sp. Conductance (umho/cm)	58
Fresh	pH		Comments			
Temp (C)	17.56					
Salinity (ppt)	0.03					
Latitude (Decimal Degrees)	30.58915		Longitude (Decimal Degrees)	-84.22637		

Field ID →
Upper Dianne
Lake Middle
Mar 14, 2017

G1WA0041-03142017

STORET ↓

Barcode

G1WA0041

Upper Dianne Lake Middle

Field ID →
Lower Dianne
Lake Middle
Mar 14, 2017

G1WA0040-03142017

STORET ↓

Barcode

G1WA0040

Lower Dianne Lake Middle

Field ID →
Petty Gulf lake Middle
Mar 14, 2017

G1WA0022-03142017

STORET ↓

Barcode

G1WA0022

Petty Gulf lake Middle

Relinquished By:
Dianne Turner

Date/Time
3/14/17

Number of Coolers
2

Received By:

Date/Time
03-14-17 / 10:31

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 Wini & Diana Turner

Field Report Prepared By: Diana Turner
 Sampling Agency: FDEP

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Location Field ID → Pine Hill Lake Middle Mar 14, 2017 STORET ↓ G1WA0054-03142017 Pine Hill Lake Middle G1WA0054		☐ Comp ☒ Grab Matrix (Salt, Fresh) Fresh Temp (C) 17.33 Salinity (ppt) 0.02 Latitude (Decimal Degrees) 30.58492	Collection (comp begin or grab) Date 3/14/17 Time 10:35 AM Eastern Central Diss. Oxygen (mg/L) 9.38 pH Comments Sample Depts (m) 0.3 Sp. Conductance (umho/cm) 45 A	Bottle Group(s)
Location Field ID → Lake Tom John Middle Mar 14, 2017 STORET ↓ G1WA0043-03142017 Lake Tom John Middle G1WA0043		☐ Comp ☒ Grab Matrix (Salt, Fresh) Fresh Temp (C) 17.89 Salinity (ppt) 0.03 Latitude (Decimal Degrees) 30.54484	Collection (comp begin or grab) Date 3/14/17 Time 11:20 AM Eastern Central Diss. Oxygen (mg/L) 7.88 pH Comments Sample Depts (m) 0.3 Sp. Conductance (umho/cm) 63 A	Bottle Group(s)
Location Field ID → Killearn Chain of Lakes Outlet at Velda Dairy Fld. across from Mint Hill Ct. Mar 14, 2017 STORET ↓ G1WA0015-03142017 Killearn Chain of Lakes Outlet at Velda Dairy Fld. across from Mint Hill Ct. G1WA0015		☐ Comp ☒ Grab Matrix (Salt, Fresh) Fresh Temp (C) 13.31 Salinity (ppt) 0.04 Latitude (Decimal Degrees) 30.53735	Collection (comp begin or grab) Date 3/14/17 Time 11:50 AM Eastern Central Diss. Oxygen (mg/L) 7.82 pH Comments Sample Depts (m) 0.1 Sp. Conductance (umho/cm) 94 A, B	Bottle Group(s)

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