



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

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Data Qualified?
Yes / No

STORET Station Name: Petty Gulf lake Middle

Date: 3/14/2017

STORET Station ID: G1WA0022

WBID: 546C--564C

Latitude: 30.58915

(mm/dd/yyyy)

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

ORG ID: 21FLWQA

Longitude: -84.22637

(Decimal Degrees)

(Decimal Degrees)

Receiving Body of Water: Lower Dianne Lake

Field ID: G1WA0022-03142017

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Diana Turner									☒ Sample Container	☐ Van Dorn	☐ Pole	
Robert Wiwi									☐ 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# Biology 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 (µmhos/cm)	Temp. (C°)	
EST	10:10	0.3	2.2	7.97	83.4	4.22	0.03	0.85	58	17.56	
CEN		1.7		8.06	84.4	4.21	0.03		58	17.49	

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-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 ☐ 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
War
Se

Preservative Sticker(s) Here
(If Available)

Notes:
1-Kit A

Field ID →
Petty Gulf
lake Middle

Mar 14, 2017



G1WA0022-03142017

Petty Gulf
lake Middle



G1WA0022

Signature: *Diana Turner*

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	9.0	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	-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

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

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Loc Field ID → Upper Dianne Lake Middle Mar 14, 2017 STRET ↓ Upper Dianne Lake Middle G1WA0041-03142017	☐ Comp ☒ Grab Matrix (Salt, Fresh) Fresh Temp (C) 17.15 Salinity (ppt) 0.03 Latitude (Decimal Degrees) 30.59486	Collection (comp begin or grab) Date 3/14/17 Time 8:45 AM Diss. Oxygen (mg/L) 8.45 pH Comments	Collection (comp begin or grab) Date 3/14/17 Time 9:35 AM Diss. Oxygen (mg/L) 7.87 pH Comments	Longitude (Decimal Degrees) -84.23778 Latitude (Decimal Degrees) 30.59355	Sample Depts (m) 0.3 Sp. Conductance (umho/cm) 76	Bottle Group(s) A
Loc Field ID → Lower Dianne Lake Middle Mar 14, 2017 STRET ↓ Lower Dianne Lake Middle G1WA0040-03142017	☐ Comp ☒ Grab Matrix (Salt, Fresh) Fresh Temp (C) 18.38 Salinity (ppt) 0.03 Latitude (Decimal Degrees) 30.59355	Collection (comp begin or grab) Date 3/14/17 Time 10:10 AM Diss. Oxygen (mg/L) 7.97 pH Comments	Collection (comp begin or grab) Date 3/14/17 Time 10:10 AM Diss. Oxygen (mg/L) 7.97 pH Comments	Longitude (Decimal Degrees) -84.23534 Latitude (Decimal Degrees) 30.58915	Sample Depts (m) 0.3 Sp. Conductance (umho/cm) 58	Bottle Group(s) A
Loc Field ID → Petty Gulf Lake Middle Mar 14, 2017 STRET ↓ Petty Gulf Lake Middle G1WA0022-03142017	☐ Comp ☒ Grab Matrix (Salt, Fresh) Fresh Temp (C) 17.56 Salinity (ppt) 0.03 Latitude (Decimal Degrees) 30.58915	Collection (comp begin or grab) Date 3/14/17 Time 10:10 AM Diss. Oxygen (mg/L) 7.97 pH Comments	Collection (comp begin or grab) Date 3/14/17 Time 10:10 AM Diss. Oxygen (mg/L) 7.97 pH Comments	Longitude (Decimal Degrees) -84.22637 Latitude (Decimal Degrees) 30.58915	Sample Depts (m) 0.3 Sp. Conductance (umho/cm) 58	Bottle Group(s) A

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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