



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Lower Dianne Lake Middle

Date: 04/10/2019

WIN/ Field ID: G1WA0040

WBID: 546A

Latitude: 30.59355

(mm/dd/yyyy)

County: Leon

ORG ID: 21FLWQA

Longitude: -84.23534

(Decimal Degrees)

Receiving Body of Water: Lake Iamonia

RQ- 2019-03-04-69

(Decimal Degrees)

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jason Storrs										
Will Lasley										

Sampling Equipment									
☒ Sample Container	☐ Van Dorn	☐ Pole							
☐ Carboy	☒ Syringe								
☐ Dipper	☐ Other								
Depth Measured with: 151 Pro Diss									
Equipment ID									

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded									
Normal									

Meter ID# P0055 155075									
Matrix: Fresh / Marine / DI									

Photos: Yes / No									
No									

Flow: No Flow / Intertidal / Flowing / NA									
NA									

Tide: Rising/ Falling/ Slack/ NA									
NA									

Tide Times: High NA Low NA									

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)
EST	1036	3.3	0.3	1.6	8.68	102.0	7.5	0.03	74	23.3
CEN	1038		2.8		6.96	78.6	7.1	0.03	76	21.4

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

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#: 2077190									

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	SA8344070	12/10/19	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-P04-F ☒ Field Filtered 0.45 um Filter	☒ Ice			
Chlorophyll	☒ CHL-SUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CH-IC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-BR-IC / ☐ 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-BacR ☐ PCR-GULL2	☐ Ice			
	☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD				
Tracers	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI	☐ Ice			
	☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA				
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

Nutrients

WIN ID / FILED ID

G1WA0040

Location

Lower Dianne Lake Middle

Signature:

Date:

4/10/2019

LIMS EVENT ID: WAS-SECT-2019-04-10-01

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: 4/23/19

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

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 name.

Meter ID: 2014-03-04-69 RQ: 2019-03-04-69 Project: Klam Lake

- Notes: (1) Always wait for meter to stabilize before recording any readings.
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
 (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

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.	Jason Stern	4/10/19	755	21.7	8.7	8.70	98.9	N/A	1.034	0/F	0/F
ICV	Jason Stern	4/10/19	800	21.5	8.7	8.74	99.0			0/F	0/F
CCV	Will Lesley	4/10/19	1440	22.1	7.8	7.87	100.6			0/F	0/F
CCV										P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

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

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

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.	Jason Stern	4/10/19	740	180621 C	07/2019	1000	1000	0/F	0/F
ICV	Jason Stern	4/10/19	742	1805F81	05/2020	100	101.2	0/F	0/F
CCV	Will Lesley	4/10/19	1444	1205F81	05/2020	100	102	0/F	0/F
CCV								P/F	L/F

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.	Jason Stern	4/10/19	743	180403 C	10/2019	7.02	7.02	152.9	0/F	0/F
Calibr.	Jason Stern	4/10/19	744	180621 D	07/2019	4.00	4.00	-24.5	0/F	0/F
Calibr.	Jason Stern	4/10/19	745	180621 F	01/2020	10.05	10.02	-191.0	0/F	0/F
ICV	Jason Stern	4/10/19	746	180621 F	01/2020	10.00	10.02	-191.7	0/F	0/F
CCV	Will Lesley	4/10/19	1446	180621 D	07/2019	4.0	4.0	148.9	0/F	0/F
CCV									P/F	L/F

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)

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

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value meters	Pass / Fail	Lab / Field
Pressure mode in air	Jason Stern	4/10/2019	750	0.00	0.271	0/F	0/F

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

COMMENTS:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: *Storrs*

Project ID: SMP

Collected By: *Storrs / Laskey*

Sampling Agency: *FEDEP*

WIN ID / FILED ID → G1WA0043 Lake Tom John Middle		☒ Comp ☐ Grab	Collection (comp begin or grab) Date 4/10/2019 Time 12:18	☒ Eastern ☐ Central	Composite end Date — Time —	Bottle Group(s) (See pg 2) <i>A</i>						
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	24.5	pH	7.9	Sample Depth	0.3	☒ ft ☐ m	Sp. Conductance (umho/cm)	67
WIN ID / FILED ID → G1WA0054 Pine Hill Lake Middle		☒ Comp ☐ Grab	Collection (comp begin or grab) Date 4/10/2019 Time 07:50	☒ Eastern ☐ Central	Composite end Date — Time —	Bottle Group(s) <i>A</i>						
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Temp (C)	23.5	pH	7.6	Sample Depth	0.3	☒ ft ☐ m	Sp. Conductance (umho/cm)	49
WINSTORET # Location		☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Temp (C)		pH		Sample Depth		☐ ft ☐ m	Sp. Conductance (umho/cm)	
Field ID WINSTORET #		☐ dd ☐ dms	Longitude ☐ dd ☐ dms	☐ Comp ☐ Grab	Collection (comp begin or grab) Date — Time —	Eastern ☐ Central	Composite end Date — Time —	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine ☐ mg/L ☐ % sat	Bottle Group(s)		
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Temp (C)		pH		Sample Depth		☐ ft ☐ m	Sp. Conductance (umho/cm)	
Relinquished By: <i>Will Laskey</i>		Date/Time: 4/10/19 14:24		Shipping Method		Number of Coolers Shipped:		Received By: <i>[Signature]</i>		Date/Time: 4/10/19		

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last revised Jan 25, 2018

Field Report Prepared By: Storrs
Sampling Agency: EDDP

Latitude	Longitude	Temp (C)	pH	Salinity (ppt)	Comments	Sample Depth	Diss. Oxygen	% sat	Total Res. Chlorine (mg/L)	Bottle Group(s)
WIN ID / FILED ID → G1WAO040										
Location Lower Dianne Lake Middle										
Latitude	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	
WIN ID / FILED ID → G1WAO041										
Location Upper Dianne Lake Middle										
Latitude	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	
WIN ID / FILED ID → G1WAO004										
Location Lake Arrowhead at boat dock at Turtle Crk Ln near outlet										
Latitude	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	
Location										
Field ID										
WIN/STORET #										
Latitude	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	dd dms	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Will Casey	4/10/19	14:34	2		4/10/19

Group: A	Bottle Type: P-1L	# of Bottles: 5	Preservative: ICE	Enter Number of Bottles Sent to Lab	5
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	5
CHLSUITE-W					
Group: A	Bottle Type: P-500ML	# of Bottles: 5	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	5
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC					
H2SO4 LOT# S98344870 EXP: 12/10/2019					
Group: A	Bottle Type: P-125ML	# of Bottles: 5	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	5
W-PO4-F					
Group: B	Bottle Type: P-1L	# of Bottles: 5	Preservative: ICE	Enter Number of Bottles Sent to Lab	
 ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS 					
Group: B	Bottle Type: BP-1L	# of Bottles: 5	Preservative: ICE	Enter Number of Bottles Sent to Lab	
CHLSUITE-W					
Group: B	Bottle Type: P-250ML-WO-THI	# of Bottles: 5	Preservative: ICE	Enter Number of Bottles Sent to Lab	
ECOLI-18QT					
Group: B	Bottle Type: P-500ML	# of Bottles: 5	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	
					