



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Upper Dianne Lake Middle

Date: 04/10/2019 ✓

WIN/ Field ID: G1WA0041 ✓

WBID: 546B

Latitude: 30.60031989

(mm/dd/yyyy)

County: Leon

ORG ID: 21FLWQA ✓

Longitude: -84.23713627

(Decimal Degrees)

Receiving Body of Water: Lake Imonia

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 <u>Ves Pro 165</u>		
Equipment ID		

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

Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded						Meter ID# <u>P0DS1 155075</u>		Matrix: <u>Fresh</u> / Marine / DI		
Photos: Yes / <u>No</u>		Flow: No Flow / Intestinal / <u>Flowing</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 (umhos/cm)	Temp. (C°)
EST	1120 ✓	<u>1.7</u>	<u>0.3</u> ✓	<u>1.7</u>	<u>19.9</u>	<u>118.2</u>	<u>9.1</u>	<u>0.04</u>	<u>82</u>	<u>24.2</u>
CEN	1122	<u>1.8</u>	<u>1.3</u> ✓		<u>10.5</u>	<u>124.1</u>	<u>9.3</u>	<u>0.04</u>	<u>82</u>	<u>23.6</u>
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#: <u>2077181</u>
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	<u>598344070</u>	<u>12/10/19</u>	☒ <2		
Metals	☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3			☐ <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-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				☐ Ice					
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				☐ Ice					
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				☐ Ice					

Notes:

Nutrients

WIN ID / FILED ID →

G1WA0041

Location

Upper Dianne Lake Middle

Signature: [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: SSR 4/23/19QC Station ID, Field Parameters In LIMS DMT: AMW 4/30/19

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(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: Kilarn 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 Sterns	4/10/19	755	21.7	8.7	8.70	98.9	N/A	1.034	⓪/F	⓪/F
ICV	Jason Sterns	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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Jason Sterns	4/10/19	740	180621 C	07/2019	1000	1000	⓪/F	⓪/F
ICV	Jason Sterns	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 Sterns	4/10/19	743	180403 C	10/2019	7.02	7.02	152.9	⓪/F	⓪/F
Calibr.	Jason Sterns	4/10/19	744	180621 D	07/2019	4.00	4.00	-24.5	⓪/F	⓪/F
Calibr.	Jason Sterns	4/10/19	745	180621 F	01/2020	10.05	10.02	-191.0	⓪/F	⓪/F
ICV	Jason Sterns	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 Sterns	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:

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Last revised Jan 25, 2018

Stories

FDEP

[illegible]

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

Collected By:

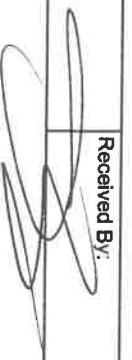
Storrs / Lasley

Field Report Prepared By:

Sampling Agency:

Storrs
EDERP

WIN ID / FILED ID	Location	Latitude	Longitude	Temp (C)	pH	Salinity (ppt)	Collection (comp begin or grab)	Time	Sample Depth	Dis. Oxygen	Sp. Conductance (umho/cm)	Composite end Date	Time	Bottle Group(s)
 G1WA0040	Lower Dianne Lake Middle	☐ dd ☐ dms	☐ dd ☐ dms	23.3	7.5	0.03	Comp	4/10/2019	1036	102.0	☒ ft ☐ m	mg/L Total Res. Chlorine	---	A
☒ Grab	Matrix (type, e.g., Salt, Fresh, etc)													
☒ Fresh														
 G1WA0041	Upper Dianne Lake Middle	☐ dd ☐ dms	☐ dd ☐ dms	24.2	9.1	0.04	Comp	4/10/2019	1120	118.2	☒ ft ☐ m	mg/L Total Res. Chlorine	---	A
☒ Grab	Matrix (type, e.g., Salt, Fresh, etc)													
☒ Fresh														
 G1WA0004	Lake Arrowhead at boat dock at Turtle Crk Ln near outlet	☐ dd ☐ dms	☐ dd ☐ dms	22.8	7.1	0.03	Comp	4/10/2019	0914	91.1	☒ ft ☐ m	mg/L Total Res. Chlorine	---	A
☒ Grab	Matrix (type, e.g., Salt, Fresh, etc)													
☒ Fresh														

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<u>Will Lasley</u>	<u>4/10/19</u>	<u>STV</u>	<u>2</u>		<u>4/10/19</u>

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# 98344070 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	