



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

STRATEGIC MONITORING PLAN Field Sheet

July 2022

Meter
Passed End
of Day CCV
Yes / No

WIN Station Name:	MILL BR AT OLD SAN MATEO RD				Sample Date:	7/31/2024	
WIN / Field ID:	20030577	ORG ID:	21FLA	ENR:	-		
County:	Putnam	WBID:	2592	STREAM	Latitude:	29.646722	
Receiving Body of Water:	St Johns River Above Rice Creek				Longitude:	-81.593306	
					RQ-	2024-07-29-28	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish	x		x		
Katherine Halbert		x		x	

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe	x	Pole
	Syringe Lot#		Filter Lot#
	Secchi Equipment ID:	D#3	
Collection Method			
	Wading		Canoe/Kayak
	From Shore		Electric Motor
x	B		Gasoline Motor
Depth Measured With		Meter	

Water Level:	Normal
Flow:	Flowing
Matrix:	Fresh
Tide Stage:	
High Tide:	
Low Tide:	
Photos:	No
Meter ID:	Desi
Depth Gauge ID:	depth_gauge

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (°C)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPTth)
EST	1415	0.4	0.3	4.68	58.7	26.9	6.77	0.3	1418	0.71

Biological Samples Collected: None

SBIO Visit ID: HA ID: RPS ID: Macrophyte ID: LIMS Sample ID
In The Macrophyte Module:

Parameter Suite	Parameter Methods (LIMS Test Codes)	Type	Lot#	Expiration Date	pH Check
Microbiology					
Chlorophyll					
Physical/Aggregate Nutrients					
Filtered Nutrients					
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)	W-CT-CI-R W-PSNP-TQ	W-PCL-TQ-R W-TR-SQ-R W-PCB-TQ-R			
Molecular					
Periphyton					
Phytoplankton					
BOD					
DOC					
Other(s)					
Field Comments:					
Comments on COC:					
Relinquish Date:	07/31/2024	Signature:			

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: LA 8/19/2024

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

(Initials/Date)

Save Field Sheets on Network:

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)



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STRATEGIC MONITORING PLAN Field Sheet

July 2022

Meter
Passed End
of Day CCV
Yes / No

WIN Station Name:	LAKE EATON CENTER				Sample Date:	7/31/2024	
WIN / Field ID:	G1NE0954	ORG ID:	21FLA	ENR:	-		
County:	Marion	WBID:	2771A	LAKE	Latitude:	29.258404	
Receiving Body of Water:	-				Longitude:	-81.86865	
					RQ-	2024-07-29-28	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jeremy Parrish	x		x		
Katherine Halbert		x		x	x

Sampling Equipment			
x	Sample Container		Carboy
	Dipper		Van Dorn
	Syringe		Pole
Syringe Lot#		Filter Lot#	
Secchi Equipment ID:		D#3	
Collection Method			
	Wading	x	Canoe/Kayak
	From Shore		Electric Motor
			Gasoline Motor
Depth Measured With		Meter	

Water Level:	Normal
Flow:	NA
Matrix:	Fresh
Tide Stage:	
High Tide:	
Low Tide:	
Photos:	No
Meter ID:	Desi
Depth Gauge ID:	depth_gauge

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (°C)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPTth)
EST	1220	1.5	0.3	6.28	82.5	30.1	7.24	1	197.3	0.09
	1225		1	5.16	67.5	29.4	7.16		198	0.09

Biological Samples Collected: None

SBIO Visit ID: HA ID: RPS ID: Macrophyte ID: LIMS Sample ID
In The Macrophyte Module:

Parameter Suite	Parameter Methods (LIMS Test Codes)	Preservation				
		Type	Lot#	Expiration Date	pH Check	
Microbiology						
Chlorophyll	CHLSUITE-W	ICE				
Physical/Aggregate Nutrients	ALKALINITY, TURBIDITY, W-F, W-TSS	ICE				
	W-CL-IC, W-COLOR, W-SO4-IC, W-TDS	ICE				
Filtered Nutrients			Syringe Lot#; Filter Lot#:			
Acid Preserved Nutrients	W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	ICE	H2SO4*	Sa3340020	12/11/2024	H2SO4 pH<2
Metals						
Organics (LC)						
Macroinvertebrates						
Organics (GC)			*2.0 ml of H2SO4 Used Unless Noted Otherwise			
Molecular						
Periphyton						
Phytoplankton						
BOD						
DOC						
			SyringeLot#		FilterLot#	
Other(s)						
Field Comments:						
Comments on COC:						
Relinquish Date:	07/31/2024	Signature:				

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: LA 8/19/2024

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

(Initials/Date)

Save Field Sheets on Network:

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

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

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

Meter ID: DFSL

RQ: 2024-07-29-28

Project: LS JK South Lakes

2024-08-05-41

Algae Bloom

- 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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 07/02/24

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	K Halbert	7/31/24	740	22.2	762.1	8.7	8.75	100.3	—	1.01	(P) F	(C) F
ICV	K Halbert	7/31/24	755	22.1	762.1	8.7	8.75	100.2	—	1.01	(P) F	(C) F
CCV	J Purnish	7/31/24	1545	24.8	761.2	8.3	8.20	99.0	—	—	(P) F	(C) F
CCV											P / F	L / F

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 (Pro DSS 0.75 to 1.50); 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 umhos/cm	Meter Reading umhos/cm	Pass / Fail	Lab / Field
Calibr.	K Halbert	7/31/24	757	240618A	06/26/24	1000	1000	(P) F	(C) F
ICV	K Halbert	7/31/24	758	230612A	06/26/24	100	99.8	(P) F	(C) F
CCV	J Purnish	7/31/24	1547	231103C	11/20/24	50000	49136	(P) F	(C) 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	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	K Halbert	7/31/24	800	43110047	11/31/25	7.01	22.6	7.01	57.3	(P) F	(C) F
Calibr.	K Halbert	7/31/24	803	44040045	4/8/26	4.00	22.7	4.00	138.5	(P) F	(C) F
Calibr.	K Halbert	7/31/24	805	44020286	2/27/26	10.02	22.8	10.02	265.5	(P) F	(C) F
ICV	K Halbert	7/31/24	810	44040045	4/8/26	4.00	22.7	4.00	138.2	(P) F	(C) F
CCV	J Purnish	7/31/24	1550	44020286	2/27/26	10.00	23.2	9.95	263.6	(P) F	(C) 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 10 168.2, slope from 4 to 7 175.8 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 07/02/24

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last 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	K Halbert	07/31/24	812	0.000	0.000	(P) F	(C) F

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

COMMENTS: