

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:

stitch

RQ:

2019-12-09-20

Project:

Spwanee Central + Alabama County

- 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

10/2019

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. McDonald	12/11/19	0733	21.7	762.7	8.8	8.8	100.4	—	1.025	P/F	L/F
ICV	↓	↓	0735	21.9	762.6	8.8	8.81	100.6	—	1.025	P/F	L/F
CCV	K. McDonald	12/11/19	1628	21.8	765.2	9.0	8.87	101.0	—	1.025	P/F	L/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 D55 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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	K. McDonald	12/11/19	0739	191018	10/2020	1000	1000	P/F	L/F
ICV	↓	12/11/19	0744	190711A	07/2020	100	103.6	P/F	L/F
CCV	K. McDonald	12/11/19	1631	191018	10/2020	1000	998	P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria ± 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. McDonald	12/11/19	0747	2902778	01/2021	7.01	23.3	7.01	-23.8	P/F	L/F
Calibr.	↓	↓	0751	2907D62	07/2021	4.00	23.5	4.00	160.3	P/F	L/F
Calibr.	↓	↓	0755	2904E91	10/2020	10.02	23.4	10.02	-193.8	P/F	L/F
ICV	↓	↓	0758	2902778	01/2021	7.01	23.4	7.09	-23.8	P/F	L/F
CCV	K. McDonald	12/11/19	1634	2904E91	10/2020	10.02	23.3	9.94	-190.4	P/F	L/F
CCV										P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50; mV pH 4 Range +180 ± 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)

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: 10/23/19

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. McDonald	12/11/19	0801	0.00	0.00	P/F	L/F

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

COMMENTS:

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: YSI 1000

RQ: 2019-12-09-21

Project: Alachua County

2019-12-09-20

Sumner Central

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

10/2019

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.	J. Parnish	12/11/19	705	22.5	766	8.7	8.7	100.8	—	1.05	(P) F	(L) F
ICV	J	J	707	22.5	766	9.7	8.7	100.8	—	1.05	(P) F	(L) F
CCV	K. McDonald	12/11/19	11020	21.6	769.3	8.9	8.90	100.9	—	1.05	(P) F	(L) 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 μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Parnish	12/11/19	708	191018	10/20	1000	1000	(P) F	(L) F
ICV	J	J	710	190211A	7/20	100	102.4	(P) F	(L) F
CCV	K. McDonald	12/11/19	11023	147103	4/20	147	147.5	(P) F	(L) 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.	J. Parnish	12/11/19	712	2902778	1/21	7.	23.4	21.0	34.8	(P) F	(L) F
Calibr.	J	J	713	2907062	7/21	4.	23.6	4.00	142.8	(P) F	(L) F
Calibr.	J	J	717	2904691	10/20	10.	23.5	10.02	203.8	(P) F	(L) F
ICV	J	J	719	2907062	7/21	4.0	23.3	3.97	13.7	(P) F	(L) F
CCV	K. McDonald	12/11/19	11025	2904691	10/2020	10	23.4	10.02	203.5	(P) F	(L) 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)

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: 10/2019

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	J. Parnish	12/11/19	717	0.00	0.00	(P) F	(L) 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 STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

WIN Station Name: Tumblin creek at SW 9th Date: 12-11-2019
WIN/ Field ID: G1NE0894 WBID: 2718A Latitude: 29.64195
County: Alachua ORG ID: 21FLA Longitude: -82.33303
Receiving Body of Water: RQ-2019 12-09-21

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Parrish									
K. McDonald									
A. Hogue									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☒ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>Pole</u>		
Equipment ID <u>0140 #1</u>		

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>Pole</u>		Matrix: <u>Fresh</u> / Marine / DI			
Photos: Yes / <u>No</u>		Flow: No Flow / Intestinal / <u>Flowing</u> / NA			Tide: Rising/ Falling/ Slack/ NA		Tide Times: High — Low —			
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	1200	0.243	0.243	0.243	7.40	81.6	7.64	0.19	397.4	20.1
CEN			0.12	S						

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:									
SBIO ID Numbers:		SBIO-ID:	HA-ID:	RPS-ID:	Macrophyte-ID:	LIMS#:			
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	SA9203100	01/2020	☒ <2	
Metals	☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3			☐ <2	
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter				☒ Ice	R9EA32199			
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-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 ☐ 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 ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA				☐ Ice				
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				☐ Ice				

Notes:

WIN ID/Field ID: G1NE0894

Tumblin Creek at SW 9th

Signature: B = P Date: 12/11/19

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: _____

Scan/Save Field Sheets _____ (Initials/Date) Migrate Data to WIN: _____ (Initials/Date) Verify Data In WIN: _____ (Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Quality? ☒ Yes ☐ No

January 2019

WIN Station Name: Lake KanapahaDate: 12-11-2019WIN/ Field ID: 20030925WBID: 2717Latitude: 29.61232

(mm/dd/yyyy)

County: AlachuaORG ID: 21FLALongitude: -82.46381

(Decimal Degrees)

Receiving Body of Water: N/ARQ- 2019-12-09-21

(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment		
J. Parrish	B. Davis				☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☒ Pole
R. McDonald	K. Appleby					☒	☒	☒	☒	☐ Carboy	☐ Syringe	
A. Hogue										☐ Dipper	☐ Other	
										Depth Measured with <u>Stitch</u>		
										Equipment ID <u>04607</u>		
Collection Method												
										☐ Wading	☐ Canoe/Kayak	
										☒ From Shore	☐ Electric Motor	
										☐ Other	☐ Gasoline Motor	

Water Level: Dry / Pooled / Low / Normal / High / FloodedMeter ID# StitchMatrix: Fresh / Marine / DIPhotos: Yes ☐ No ☒Flow: No Flow / Intestinal / Flowing / NATide: Rising / Falling / Slack / NATide Times: High — Low —

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1255	0.5	0.25	VOB (5)	0.41	4.6	6.85	0.25	526	20.6
CEN										

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

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

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	SA9203100	7/22/20	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	K98AB6875		
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-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 ☐ 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 ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Place Preservative Sticker(s) Here
(If Available)

Notes:

WIN ID/Field ID:



20030925

Lake Kanapaha 300m N of 56th

Signature: B. DavisDate: 12/11/19

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID in LIMS DMT: _____

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)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

Date Qualified?

Yes ☒ No ☐

WIN Station Name: Turkey Creek at NW 59th Date: 12-11-2019

WIN/Field ID: G1NE0018 WBID: 3671A Latitude: 29.74683

County: Alachua ORG ID: 21FLA Longitude: -82.406766

Receiving Body of Water: RQ-201# - 12-09-21

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment		
<u>J. Parrish</u> <u>R. Appleby</u> <u>K. McDonald</u> <u>K. Hogue</u>					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☒ Pole
										☐ Carboy	☐ Syringe	
										☐ Dipper	☐ Other	
										Depth Measured with <u>Stitch</u>		
										Equipment ID <u>0-HO #7</u>		
										Collection Method		
										☐ Wading	☐ Canoe/Kayak	
										☒ From Shore	☐ Electric Motor	
										☐ Other	☐ Gasoline Motor	

Water Level: Dry / Pooled / Low / Normal / High / Flooded
Photos: Yes / No Flow: No Flow / Intertidal / Flowing / NA
Meter ID# Stitch Matrix: Fresh / Marine / DI
Tide: Rising / Falling / Slack / NA Tide Times: High / Low

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	1140	0.2	0.1	VOB	6.38	66.7	7.18	0.12	254.6	17.4
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:
SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

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	SA9203100	7/2020	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	R93A8675		
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-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 ☐ PCR-HF1B3 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-OI ☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

WIN ID/Field ID: G1NE0018

Turkey Creek at NW 59th

Signature: [Signature] Date: 12/11/2019

LIMS EVENT ID: WIN Import ID: Enter Field Parameters, Verify Station ID in LIMS DMT: QC Station ID, Field Parameters in LIMS DMT: Scan/Save Field Sheets Migrate Data to WIN: Verify Data in WIN:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?
Yes ☒ No ☐

January 2019

WIN Station Name: Biven Arm outlet at 331 Date: 12-11-2019
(mm/dd/yyyy)
WIN/ Field ID: G3NE0012 WBID: 2718 Latitude: 29.616663
County: Alachua ORG ID: 21FLA Longitude: -82.33588
(Decimal Degrees)
Receiving Body of Water: _____ RQ: 2019-12-09-21
(Decimal Degrees)

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
K. McDonald							X				☒ Sample Container	☐ Van Dorn	☐ Pole		
A. Hogue								X			☐ Carboy	☐ Syringe			
J. Parrish						X					☐ Dipper	☐ Other			
											Depth Measured with <u>DESI</u> Equipment ID <u>04760 #3</u>				
											Collection Method				
											☒ Wading	☐ Canoe/Kayak			
											☐ From Shore	☐ Electric Motor			
											☐ Other	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded						Meter ID# <u>DESI</u>			Matrix: <u>Fresh</u> / Marine / DI						
Photos: Yes / No		Flow: No Flow / Intestinal / Flowing / NA				Tide: Rising/ Falling/ Slack/ <u>NA</u>			Tide Times: High _____ Low _____						
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)	<u>1300</u> <u>1240</u>	<u>0.1</u>	<u>0.05</u>	<u>0.1</u>	<u>4.67</u>	<u>49.4</u>	<u>6.89</u>	<u>0.11</u>	<u>234.8</u>	<u>18.2</u>					
CEN				<u>S</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#:					
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>SA9203100</u>	<u>7/22/20</u>	☒ <2					
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3				☐ <2					
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☒ Ice		<u>R9EA32199</u>							
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-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 ☐ 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 ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA					☐ Ice									
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice									

Notes: _____

WIN ID/Field ID: G3NE0012

Biven Arm outlet at 331

Signature: Alicia D Hogue Date: 12/11/2019

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ 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)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?
Yes / No

WIN Station Name: Sweetwater Cr. Above Wetland Date: 12-11-2019
WIN/ Field ID: G1NE0001 WBID: 2711 Latitude: 29.620931
County: Alachua ORG ID: 21FLA Longitude: -82.323915
Receiving Body of Water: _____ RQ-2019-12-09-21

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Parrish								X	X	X
K. McDonald						X			X	
A. Hogue						X				

Sampling Equipment					
☒ Sample Container	☐ Van Dorn	☒ Pole			
☐ Carboy	☐ Syringe				
☐ Dipper	☐ Other				
Depth Measured with <u>Desi</u>					
Equipment ID <u>0-160 #3</u>					

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>DESI</u>		Matrix: <u>Fresh</u> Marine / DI	
Photos: Yes / <u>No</u> Flow: No Flow / Intestinal / <u>Flowing</u> / NA						Tide: Rising/ Falling/ Slack/ <u>NA</u>		Tide Times: High _____ Low _____	

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1240	0.36	0.2	0.36	7.79	89.3	7.63	0.48	981	22.0
CEN				S						

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#: _____											

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	SA9023100	07/2020	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	29FA32199		
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-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 ☐ 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 ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes:

WIN ID/Field ID:



G1NE0001

Sweetwater CR. Above Wetland

Signature: B. P.

Date: 12/11/19

LIMS EVENT ID: _____ WIN Import ID: _____
Enter Field Parameters, Verify Station ID in LIMS DMT: _____ 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)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes ☒ No ☐

January 2019

WIN Station Name: Possum Cr. 400m Downstream of NW 16th ave Date: 12-11-2019
(mm/dd/yyyy)
WIN/ Field ID: G1NE0930 WBID: 2696 Latitude: 29.66278
County: Alachua ORG ID: 21FLA Longitude: -82.364113
(Decimal Degrees)
Receiving Body of Water: _____ RQ- 2019-12-09-21

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Parrish						X					☒ Sample Container	☐ Van Dorn	☒ Pole		
K. McDonnell							X				☐ Carboy	☐ Syringe			
A. Hogue						X					☐ Dipper	☐ Other			
Water Level: <u>Dry</u> / Pooled / Low / Normal / High / Flooded						Meter ID# <u>Dest</u>					Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes / <u>No</u> / Flow: No Flow / Intestinal / <u>Flowing</u> / NA						Tide: Rising / Falling / Slack / <u>NA</u>					Tide Times: High / Low				
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	1025	0.1	0.05	0.1	8.07	86.4	7.46	0.14	288.6	18.5					
CEN				S											
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#:															
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	SA9203100	7/22/20	☒ <2					
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice	☐ HNO3			☐ <2					
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☒ Ice		SA9203100	7/22/20						
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-BR-IC / W-F / W-TSS / TURBIDITY					☐ Ice									
Macroinvertebrates	☐ ML-FW-QLDC					☐ Formalin									
Periphyton	☐ ALGAE-ID					☐ Ice									
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci					☒ Ice									
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ 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 ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA					☐ Ice									
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice									

Notes: _____

WIN ID/Field ID: G1NE0930

Possum Cr. 400m Downstream of NW 16th ave.

Signature: [Signature] Date: 12/11/19

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ 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)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

DEP Alachua County Makeup

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. ParishField Report Prepared By: K. McDonald

Project ID: SMP

Collected By: J. Parrish, A. Hogue, K. McDonald Sampling Agency: FL DEP DEAR

Location	WIN ID/Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/11/19</u> Time <u>1140</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID	G1NE0018		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>6.38</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STC	Turkey Creek at NW 59th		Temp (C) <u>17.4</u>	pH <u>7.18</u>	Sample Depth <u>0.1</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>254.6</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.12</u>	Comments			
Location	WIN ID/Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/11/19</u> Time <u>1300</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	G3NE0012		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>4.67</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/S	Biven Arm outlet at 331		Temp (C) <u>18.2</u>	pH <u>6.89</u>	Sample Depth <u>0.05</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>234.8</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.11</u>	Comments			
Location	WIN ID/Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/11/19</u> Time <u>1240</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	G1NE0001		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>7.79</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/S	Sweetwater CR. Above Wetland		Temp (C) <u>22.0</u>	pH <u>7.43</u>	Sample Depth <u>0.2</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>981</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.48</u>	Comments			
Location	WIN ID/Field ID:		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/11/19</u> Time <u>1025</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID	G1NE0930		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>8.07</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN	Possum Cr. 400m Downstream of NW 16th ave.		Temp (C) <u>18.5</u>	pH <u>7.46</u>	Sample Depth <u>0.05</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>288.6</u>	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) <u>0.14</u>	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
<u>K. McDonald</u>	<u>12/11/19</u>	<u>FedEx</u>	<u>1630</u>	<u>2</u>	

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	CHLSUITE-W						
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 12	Preservative:	ICE	Enter Number of Bottles Sent to Lab	10
	NE-AEG-EC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	6
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	6
	W-PO4-F						

Florida Department of Environmental Protection
Central Laboratory Submittal Form

DEP Alachua County Makeup

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. ParrishField Report Prepared By: K. McDonald

Project ID: SMP

Collected By: J. Parrish, A. Hague, K. McDonaldSampling Agency: FL DEP DEAR

Location	WIN ID/Field ID:  G1NE0894	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/11/19</u> Time <u>1200</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>7.40</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORET #	Tumblin Creek at SW 9th	Temp (C) <u>20.1</u>	pH <u>7.64</u>	Sample Depth <u>0.12</u>	Sp. Conductance (umho/cm) <u>397.4</u>	
Latitude	☐ dd Longitude ☐ dms	☐ dd Salinity (ppt) <u>0.19</u>	Comments			
Location	WIN ID/Field ID:  20030925	☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>12/11/19</u> Time <u>1255</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>	Diss. Oxygen <u>0.41</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
WIN/STORET #	LAKE KANAPAHA ~300M N of 56TH	Temp (C) <u>20.6</u>	pH <u>6.85</u>	Sample Depth <u>0.25</u>	Sp. Conductance (umho/cm) <u>526</u>	
Latitude	☐ dd Longitude ☐ dms	☐ dd Salinity (ppt) <u>0.25</u>	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	☐ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd Longitude ☐ dms	☐ dd Salinity (ppt)	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	☐ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Latitude	☐ dd Longitude ☐ dms	☐ dd Salinity (ppt)	Comments			

Relinquished By: <u>K. McDonald</u>	Date/Time <u>12/11/19</u>	Shipping Method <u>FedEx</u>	Number of Coolers Shipped: <u>1639 2</u>	Received By:	Date/Time
--	------------------------------	---------------------------------	---	--------------	-----------

Group: A	Bottle Type:	P-1L	# of Bottles: 6	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: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 12	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NE-AEG-EC					
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					



	Altamonte Springs: 380 Northlake Blvd., Suite 1048 • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597
✓	Gainesville: 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
	Jacksonville: 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
	Miramar: 10200 USA Today Way • Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281
	Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
	Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP-NE ROC		Project Name:																
Address: 8800 Baymeadows Way W		P.O. Number or Project Number: RQ-2018-2019-12-09-ZI																
		FDEP Facility No:																
Phone: 904-256-1541		Project Address:																
FAX: Please email results		Special Instructions:																
Contact: Nicole Frederick Jeremy Carst		Dep-Overflowmicro@dep.state.fl.us PO# B1696A																
Sampled By:																		
Turn Around Time: ☒ STANDARD ☐ RUSH																		
Page: 1 of 1		☐ ADaPT ☐ EQUIS ☐ Other																
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE TIME	MATRIX	NO. COUNT	PRESER-VATION	BOTTLE SIZE & TYPE	ANALYSIS REQUIRED							LABORATORY I.D. NUMBER			
	GINEØ93Ø	Grab	12/11/19	1025	SW	kmx 2	X km	E: coli										
	GINEØØ18	grab	12/11/19	1140	SW	2	X											
	GINEØ894	grab	12/11/19	1200	SW	2	X											
	GINE ØØØ1	grab	12/11/19	1240	SW	2	X											
	G3NEØØ12	grab	12/11/19	1300	SW	2	X											
Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H=(HCl) S=(H2SO4) N=(HNO3) T=(Sodium Thiosulfate)																		
Received on Ice ☒ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received _____ (in degrees celcius)																		
DCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 0A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V.																		
Relinquished by:		Date	Time	Received by:		Date	Time	FOR DRINKING WATER USE:										
K. McDonald		12/11/19	1314	Taylor		12/11	1315	PWS ID: _____										
								Contact Person: _____ Phone: _____										
								Supplier of Water: _____										
								Site Address: _____										