



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2017

PAGE 1 OF 1

Data Qualified?

Yes / No

WIN

STORET Station Name: TELEGRAPH Swamp South site

Date: 05/29/2018

(mm/dd/yyyy)

STORET Station ID: G3SD0100

WBID: 3236

Latitude: 26.86275

(Decimal Degrees)

County: CHARLOTTE RQ - 2018-05-28-59

ORG ID:

Longitude: -81.71236

(Decimal Degrees)

Receiving Body of Water: C/LOO SAWATCHEE

Field ID:

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
MARYANN DUGAN		☒	☒	☒	☒	☒
NICOLE REISTAD		☒	☒	☒	☒	☒

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☒ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Equipment ID: SECCHI - 3312 B		
Collection Method		
☐ Wading	☐ Via Boat	
☐ From Shore	☐ Canoe/Kayak	
☒ Other (note below)	☐ Electric Motor	
BRIDGE		
☐ Gasoline Motor		

Water Level:		Matrix:								
Dry / Pooled / Low / <u>Normal</u> / High / Flooded		<u>Fresh</u> / Marine / DI								
Meter ID#		Photos:		Tide Falling:						
SNEK		Yes / <u>No</u>		Yes / No / <u>NA</u>						
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°)
<u>EST</u>	0915	0.3	1.5	3.3	39	5.8	0.18	0.3	378	24.6
<u>CEN</u>	0917	1.0		3.2	39	5.8	0.18		378	24.6

Biological Samples Collected:	
<u>None</u> 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	SA8085170	03/26/19	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	NA-7341010	12/07/18	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUTE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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 ☐ Enteroc ☐ PCR-FILTER	☒ Ice			
Tracers	☐ W-LCMS-DU (1/4 vial fill) ☐ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-LCMS-DU (1/4 vial fill) ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			

Notes:	
Place Label Here (If Available)	
Signature: <u>[Signature]</u>	Date: 05/29/2018

Field Parameters Entered into LIMS:		Field Parameters QC in LIMS:	
(Initials/Date)		(Initials/Date)	
Date Migrated to STORET:		Field Sheets Scanned/Saved: <u>06/25/18</u>	(Initials/Date)
(Initials/Date)			



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Josephine Creek

Date: 05/29/2018

(mm/dd/yyyy)

WIN/ Field ID: G4SD0104

WBID: 1860A

Latitude: 27.37424

(Decimal Degrees)

County: Highlands

ORG ID:

Longitude: -81.3936

(Decimal Degrees)

Receiving Body of Water: Lake Josephine

RQ-2018- 05-28-59

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
GARY SHOFER MARIANN DUGAN STEVEN COLONE NICOLE REISAD						☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☒ Pole		
											☐ Carboy	☒ Syringe			
											☐ Dipper	☐ Other			
											Depth Measured with <u>SECCHI</u>				
											Equipment ID <u>3312B</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>SNEK</u>			Matrix: <u>Fresh</u> / Marine/ DI						
Photos: ☒ Yes ☐ No						Flow: No Flow/ Intestinal/ <u>Flowing</u> / NA			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 (µmhos/cm)	Temp. (C°)					
EST	1105	1.3	0.3	0.5	5.8	72	5.6	0.07	153	26.2					
CEN															
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>SA8085170</u>	<u>03/26/19</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-CHIC / 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 ☐ Enterococci					☒ Ice								
Molecular		☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD					☐ Ice								
Tracers		☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA					☐ Ice								
Pesticides		☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Ice ☐ Other								

Notes:

Field ID/WIN ID



G4SD0104

Location



Josephine Creek EofCR17

Signature:

Date:

05/29/2018

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets:

06/25/18

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

PAGE 1 OF

Data Qualified?

Yes / No

February 2017

WIN
STORET Station Name: GRASSY CREEK

Date: 05/29/2018
(mm/dd/yyyy)

WIN
STORET Station ID: 64SD0115

WBID: 1932

Latitude: 27.30346

(Decimal Degrees)

County: HIGHLANDS RQ - 2018-05-28-59

ORG ID:

Longitude: -81.34731

(Decimal Degrees)

Receiving Body of Water: LAKE HUNTLEY

Field ID:

Sampling Team Members

MARYANN DUGAN
NICOLE REUTAD

Sampling Equipment

☒ Sample Container ☐ Van Dorn ☐ Pole
☐ Carboy ☒ Syringe
☐ Dipper ☐ Other

Equipment ID: SECCHI-33128

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# SNEK

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	1140	0.3	0.8	8.0	100	6.8	0.08	0.8	169	27.0
CEN								S		

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	SA 8085170	03/26/19	☒ <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-CHC / 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 ☐ Enterococcus ☐ PCR-FILTER	☒ Ice			
Tracers	☐ W-LCMS-DU (1/4 vial fill) ☐ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-LCMS-DU (1/4 vial fill) ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			

Notes:

Place Label Here
(If Available)

Signature: Maryann Dugan

Date: 05/29/2018

Field Parameters Entered into LIMS: (Initials/Date)

Field Parameters QC in LIMS: (Initials/Date)

Date Migrated to STORET: (Initials/Date)

Field Sheets Scanned/Saved: (Initials/Date)

Benchmark EnviroAnalytical, Inc.
1001 Corporate Ave. Suite 102
North Port, FL 34289
(941) 625-3137 / (941) 240-3071 fax

Client Name: FDEP
Address: 2600 Blair Stone Rd.
Tallahassee, FL, 32399
Phone: (850) 245-8085
Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore
P.O. #: Lab B16970

Project Name: RQ-2018-05-28-59
Project Run/Location: Highlands Stream / Lee, Highlands

Laboratory Submission #: 518050596

Station ID	Surface Water Sample Matrix ² (Fresh / Marine)	Enterococci E.coli (SM9223B Quantitray)		Laboratory Sample #
		E.coli = 250 mL ; Enteroc = 120 mL ; Fecal Coliform = 120 mL		
G3SD0100	(F) M / Grab	(E.coli) / Enteroc / F.coli	05/29/2018 0915	1
- Telegraph Swamp South Site	F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:	
G4SD8104	(F) M / Grab	(E.coli) / Enteroc / F.coli	05/29/2018 1105	2
- Dogphine Creek	F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:	
G4SD0165	(F) M / Grab	(E.coli) / Enteroc / F.coli	05/29/2018 1140	3
- Gummy Creek	F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:	
	F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:	
	F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:	
	F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:	
	F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:	
	F / M / Grab	E.coli / Enteroc / F.coli	Date & Time:	

1. "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
2. "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), salt surface water (SSW), soil, sediment (SLS), or sludge (SLD).
3. "Sample Type" is used to indicate whether the container is plastic (P) or glass (G).
4. Sample must be refrigerated or stored in wet ice after collection. The maximum temperature during storage should be 6°C (42°F). Under "Preservative" list any preservatives that were added to the sample container.
5. Each bottle has a label identifying sample ID, preservative, preservative contained in the bottle, sample type, client ID, and parameters for analysis.
6. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sample's name or initials, and any field number or ID.
7. All bottles not containing preservative may be filled with appropriate sample prior to collection.
8. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample event form.

1	Collector: Nicole Reistad - FDEP SOROC	Date: 05/29/18	Time:	Received By:	Date:	Time:
2	Relinquished By: J. J. J. J. J.	Date: 05/29/18	Time: 1315	Received By: Melinda Meehan	Date: 5/29/18	Time: 1315
3	Relinquished By:	Date:	Time:	Received By:	Date:	Time:
4	Relinquished By:	Date:	Time:	Received By:	Date:	Time:
5	Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Laboratory Sample Acceptability:
pH < 2 : 0 BEAS Temperature: 35°C

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 ID: SNEK

RQ: 2018-05-28-59

Project: SMP - Highlands Streams

- 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 03/28/2018

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.	N. Reistad	05/29/18	0714	24.4	8.356	8.34	100			P/F	L/F
ICV			0715	24.5	8.340	8.36	100			P/F	L/F
CCV	M. DUGAN	"	1442	23.8	8.45	8.5	100.4			P/F	L/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.	N. Reistad	05/29/18	0719	180321B	04/19	1000	1000	P/F	L/F
ICV			0721	180321A	04/19	500	495	P/F	L/F
CCV	M. DUGAN	"	1445	180321B	04/19	100	102	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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	N. Reistad	05/29/18	0724	177435	10/19	7.0	7.0	3.4	P/F	L/F
Calibr.			0727	180710	02/26	4.0	4.0	187.0	P/F	L/F
Calibr.			0729	176507	09/19	10.0	10.0	181.0	P/F	L/F
ICV			0731	176507	09/19	10.0	10.1	186.0	P/F	L/F
CCV	M. DUGAN	"	1448	180710	02/26	4.0	4.2		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 10 184.4, slope from 4 to 7 183.6 (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						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: