



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Rattlesnake Slough @ Linden

Date: 10/28/2019
(mm/dd/yyyy)

WIN/ Field ID: G2SW0017

WBID: 1923

Latitude: 27.41010

(Decimal Degrees)

County: Manatee

ORG ID: 21FLTPA

Longitude: -82.51175

(Decimal Degrees)

Receiving Body of Water: Bradén River

RQ-2019- 11-04-16

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Ben Paswater									
Sarah Meyer									

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

Depth Measured with: Secchi
Equipment ID Secchi #1

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 / Interstitial / Flowing / NA
Meter ID# _____ 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 (µmhos/cm)	Temp. (C°)
EST	1255	0.1	0.1	0.15	4.93	61.4	7.13	0.17	357.2	26.545

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			☐ <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-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 ☐ W-E8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes: E.coli, T & M (PCR-BacR, PCR-HF183)

Field ID/WIN: G2SW0017

Site Name: Rattlesnake Slough @ Linden

Signature: Sarah Meyer Date: 10/28/2019

LIMS EVENT ID: 2019-10-29-03 WIN Import ID: 17577
Enter Field Parameters, Verify Station ID In LIMS DMT: SM 11/13/2019 QC Station ID, Field Parameters In LIMS DMT: SM 03/03/2020
Scan/Save Field Sheets _____ Migrate Data to WIN: SM 03/03/2020 Verify Data In WIN: _____
(Initials/Date) (Initials/Date) (Initials/Date)

Benchmark EnviroAnalytical, Inc
1711 12th Street East
Palmetto, FL 34221
941-723-9986
941-723-6061 Fax

PO# B578C6

Client Information: FDEP

Address: 13051 N. Telecom Parkway

Tampa FL 33604

Phone # 815-470-5772

Report to: Judy.ashton@dep.state.fl.us, DEP-Overflomicro@dep.state

Invoice to: FDEP Micro Overflow

Project Name: RQ- 2019-11-04-16

Laboratory Submission #

19101932

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
G2SW0015	SW	10/28/2019	11 20	1	120mL	P	Plain (on Ice)	E Coli	1
G2SW0044	SW	10/28/2019	11 55	1	120mL	P	Plain (on Ice)	E Coli	2
G2SW0110	SW	10/28/2019	12 20	1	120mL	P	Plain (on Ice)	E Coli	3
G2SW0110 - DUP	SW	10/28/2019	12 25	1	120mL	P	Plain (on Ice)	E Coli	4
Blank	SW	10/28/2019	12 30	1	120mL	P	Plain (on Ice)	E Coli	5
G2SW0017	SW	10/28/2019	12 55	1	120mL	P	Plain (on Ice)	E Coli	6
G2SW0018	SW	10/28/2019	13 20	1	120mL	P	Plain (on Ice)	E Coli	7

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), saline surface water (SSW), soil, sediment (SD/MNT), or sludge (SLDG).
³ "Container 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 temperature during storage should be less than or equal to 6°C (41°F).
Under "Preservative," list any preservatives that were added to the sample container.

Instructions:
1. Each bottle has a label identifying sample ID, measured preservative contained in the bottle, sample type, client ID, and parameters for analysis.
2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
3. All bottles not containing preservative may be stored with appropriate sample prior to collection.
4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:

Temperature: 3.2°C

1	Collected / Relinquished By: <u>[Signature]</u>	Date 10/28/2019	Time 14 23	Received By: <u>[Signature]</u>	Date 10-28-19	Time 1423
2	Relinquished By:	Date	Time	Received By:	Date	Time

SMP - Gap Cr, Nonsense, Braden, Rattlesnake, Cedar

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: B Paswater & S Meyer

Sampling Agency: FDEP SW ROC

Location		☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 10/28/2019	Time 1155	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID/WIN G2SW0044		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B
Site Name: Braden River @ Cypress Bend Park		Temp (C) 26.72		pH 7.05		Sample Depth 0.3		Sp. Conductance (umho/cm) 584		
☐ dd ☐ dms		Salinity (ppt) 0.28		Comments: E Coli dropped @ Benchmark						
Location		☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 10/28/2019	Time 1120	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID/WIN G2SW0015		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B
Site Name: Nonsense Creek at Tara Preserve Ln		Temp (C) 25.78		pH 7.39		Sample Depth 0.2		Sp. Conductance (umho/cm) 495.1		
☐ dd ☐ dms		Salinity (ppt) 0.24		Comments: E Coli dropped @ Benchmark						
Location		☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 10/28/2019	Time 1320	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID/WIN G2SW0018		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B
Site Name: Cedar Creek @ Saddlehorn		Temp (C) 27.21		pH 7.52		Sample Depth 0.1		Sp. Conductance (umho/cm) 635		
☐ dd ☐ dms		Salinity (ppt) 0.31		Comments: E Coli dropped @ Benchmark						
Location		☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 10/28/2019	Time 1255	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID/WIN G2SW0017		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B
Site Name: Rattlesnake Slough @ Linden		Temp (C) 26.54		pH 7.13		Sample Depth 0.1		Sp. Conductance (umho/cm) 357.2		
☐ dd ☐ dms		Salinity (ppt) 0.17		Comments: E Coli dropped @ Benchmark						

Relinquished By: Sarah Meyer	Date/Time 10/28/2019 1700	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time
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Florida Department of Environmental Protection

Central Laboratory Submittal Form

SMP - Gap Cr, Nonsense, Braden, Rattlesnake, Cedar

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: B Paswater & S Meyer

Sampling Agency: FDEP SW ROC

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/28/2019 Time 1220	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID/WIN G2SW0110		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 5.23	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Site Name: Gap Creek at 37th St. East		Temp (C) 27.20	pH 7.42	Sample Depth 0.1	Sp. Conductance (umho/cm) 620
	☐ dd ☐ dms	Salinity (ppt) 0.30	Comments E Coli dropped @ Benchmark		

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/28/2019 Time 1225	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID: G2SW0110_DUP		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Location: Gap Creek at 37th St. East		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
WIN ID: G2SW0110	☐ dd ☐ dms	Salinity (ppt)	Comments E Coli dropped @ Benchmark		

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/28/2019 Time 1230	Eastern Central	Composite end Date Time	Bottle Group(s)
FIELD ID: FB 10282019		Matrix (type, e.g., Salt, Fresh, etc) DI	Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
LOCATION: Field_Blank		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
	☐ dd ☐ dms	Salinity (ppt)	Comments E Coli dropped @ Benchmark		

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 ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments		

Relinquished By: Sarah Meyer	Date/Time 10/28/2019 1700	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	CHLSUITE-W						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	PCR-BACR						
	PCR-DG3						
	PCR-HF183						
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3 to BEA
	SW-BEA-ECQ						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	W-E8321-DI						
	W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	3
	W-PO4-F						
Group: B	Bottle Type:	QPCR-P-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	PCR-BACR						
	PCR-HF183						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4 to BEA
	SW-BEA-ECQ						

Group: B

Bottle Type:

BG-500ML

of Bottles: 4

Preservative:

ICE

Enter Number of Bottles Sent to Lab

4

W-E8321-DI

W-E8321-MS