



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes ☒ No ☐

WIN Station Name: Rattlesnake Slough @ Linden

Date: 8-7-19
(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- 08-05-91

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>Justin Ashton</u> <u>Brian Ashton</u>									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with: <u>Secchi</u>		
Equipment ID <u>Secchi #1</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 / Interstitial / Flowing / NA
Meter ID# CHELDY Matrix: Fresh / Marine / DI
Tide: Rising/ Falling/ Slack NA Tide Times: High NA Low NA

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°)
<u>EST</u>	<u>1055</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>4.65</u>	<u>58.7</u>	<u>6.92</u>	<u>0.15</u>	<u>314.0</u>	<u>27.2</u>
				<u>"S"</u>						

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-CHC / 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-CAR8-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: [Signature] Date: 8-7-19

LIMS EVENT ID: 2019-08-08-01 WIN Import ID: 14618
Enter Field Parameters, Verify Station ID in LIMS DMT: SM 08/13/2019 QC Station ID, Field Parameters in LIMS DMT: KP 09/11/2019
Scan/Save Field Sheets SM 09/18/2019 Migrate Data to WIN: SM 09/12/2019 Verify Data in WIN: SM 09/18/2019
(Initials/Date) (Initials/Date) (Initials/Date)

Request Number: RQ-2019-08-05-91

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

Florida Department of Environmental Protection

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location		☐ Comp	Collection (comp begin or grab)	☒ Eastern	Composite end	Bottle Group(s) (See pg 2)
Field ID/WIN	G2SW0110	☒ Grab	Date 8-7-19 Time 1110	Central	Date Time	
WIN		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude	Site Name: Gap Creek at 37th St. East	Temp (C) 28.2	pH 7.10	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 447.8
		☐ dd ☐ dms	Salinity (ppt) 0.21	Comments: E. COLI DROPPED OFF 2 BENCHMARK		
Location		☐ Comp	Collection (comp begin or grab)	☒ Eastern	Composite end	Bottle Group(s)
Field ID	Field ID: G2SW0110_DUP	☒ Grab	Date 8-7-19 Time 1115	Central	Date Time	
WIN/S	Location: Gap Creek @ 37th St. East	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude	WIN ID:	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
		☐ dd ☐ dms	Salinity (ppt)	Comments: E. COLI DROPPED OFF 2 BENCHMARK		
Location		☐ Comp	Collection (comp begin or grab)	☒ Eastern	Composite end	Bottle Group(s)
Field ID	FIELD ID: FB 08072019	☒ Grab	Date 8-7-19 Time 1105	Central	Date Time	
WIN/S	LOCATION: Field_Blank	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude		Temp (C) D	pH I	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
		☐ dd ☐ dms	Salinity (ppt)	Comments: E. COLI DROPPED OFF 2 BENCHMARK		
Location		☐ Comp	Collection (comp begin or grab)	☒ Eastern	Composite end	Bottle Group(s)
Field ID	Field ID/WIN G2SW0030	☒ Grab	Date 8-7-19 Time 1145	Central	Date Time	
WIN/STC	Site Name: Gap Creek @ 45th St	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Latitude		Temp (C) 28.4	pH 7.20	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 453.6
		☐ dd ☐ dms	Salinity (ppt) 0.22	Comments: E. COLI DROPPED OFF 2 BENCHMARK		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J. Ashton	8-7-19 1600	FBI Ex	2		

1 of 4
Page 4 of 5

Request Number: RQ-2019-08-05-91

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

Florida Department of Environmental Protection

Central Laboratory Submittal Form

2 of 4

Page 1 of 3

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s) (See pg 2)	
Field ID/WIN G2SW0044		☒ Grab	Date 8-7-19	Time 0945	Central	Date	Time		
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine			
Site Name: Braden River @ Cypress Bend Park				4.41	☐ % sat	(mg/L)			
☐ dms		☐ dd	Temp (C) 28.4	pH 6.31	Sample Depth 0.3	☐ ft	Sp. Conductance (umho/cm) 420.5	B	
		☐ dms	Salinity (ppt) 0.20	Comments E. COLI DROPPED OFF 2 BENCHMARK					
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end			Bottle Group(s)
Field ID/WIN G2SW0015		☒ Grab	Date 8-7-19	Time 1000	Central	Date	Time		
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine			
Site Name: Nonsense @ Tara Preserve				4.24	☐ % sat	(mg/L)			
☐ dms		☐ dd	Temp (C) 26.9	pH 6.83	Sample Depth 0.3	☐ ft	Sp. Conductance (umho/cm) 332.8	B	
		☐ dms	Salinity (ppt) 0.16	Comments E. COLI DROPPED OFF 2 BENCHMARK					
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end			Bottle Group(s)
Field ID/WIN G2SW0018		☒ Grab	Date 8-7-19	Time 1030	Central	Date	Time		
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine			
Site Name: Cedar Creek @ Saddlehorn				2.34	☐ % sat	(mg/L)			
☐ dms		☐ dd	Temp (C) 26.5	pH 6.88	Sample Depth 0.2	☐ ft	Sp. Conductance (umho/cm) 461.6	B	
		☐ dms	Salinity (ppt) 0.22	Comments E. COLI DROPPED OFF 2 BENCHMARK					
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end			Bottle Group(s)
Field ID/WIN G2SW0017		☒ Grab	Date 8-7-19	Time 1055	Central	Date	Time		
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine			
Site Name: Rattlesnake Slough@Linden				4.65	☐ % sat	(mg/L)			
☐ dms		☐ dd	Temp (C) 27.2	pH 6.92	Sample Depth 0.1	☐ ft	Sp. Conductance (umho/cm) 314.0	B	
		☐ dms	Salinity (ppt) 0.15	Comments E. COLI DROPPED OFF 2 BENCHMARK					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
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Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: PCR-BACR PCR-DG3 PCR-HF183	QPCR-P-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: SW-BEA-ECQ	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: PCR-BACR PCR-HF183	QPCR-P-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: W-E8321-DI	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4

4 w 4

Page 3 of 3

Group: B	Bottle Type: BG-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
W-E8321-MS					

Group: C	Bottle Type: QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
PCR-DG3					

GROUP B

SN-BLA-ELQ 250 ML WITH

SENT TO LAB

4

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- 2019-08-05-91

Laboratory Submission #

19080258

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
G25W0110 GAP CREEK @ 37th ST. EAST	SW	8-7-19	1110	1	250mL 120mL	P	Plain (on Ice)	E. COLI	1
G25W0110-DUP G25W0110	SW	8-7-19	1115	1	250mL 120mL	P	Plain (on Ice)	E. COLI	2
FB 08072019 FIELD BLANK	SW	8-7-19	1105	1	250mL 120mL	P	Plain (on Ice)	E. COLI	3
G25W0030 GAP CREEK @ 45th ST	SW	8-7-19	1145	1	250mL 120mL	P	Plain (on Ice)	E. COLI	4
G25W0044 BLADEN RIVER @ CYPRESS BEND	SW	8-7-19	0945	1	250mL 120mL	P	Plain (on Ice)	E. COLI	5
G25W0018 CESAR CREEK @ SADDLE CREEK	SW	8-7-19	1030	1	250mL 120mL	P	Plain (on Ice)	E. COLI	6
G25W0017 RATTLESNAKE SLough @ LINDEN	SW	8-7-19	1055	1	250mL 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 (SDMNT), 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 (42.8°F).

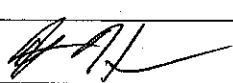
Under "Preservative," list any preservatives that were added to the sample container.

Instructions:

- Each bottle has a label identifying sample ID, measured preservative contained in the bottle, sample type, client ID, and parameters for analysis.
- 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.
- All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
- The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:

Temperature: 2.2°C

1	Collected / Relinquished By: Judy Ashton	Date 8-7-19	Time 1145	Received By:	Date	Time
2	Relinquished By: Judy Ashton	Date 8-7-19	Time 1255	Received By: 	Date 8-7-19	Time 1255

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- 2019-08-05-41

Laboratory Submission #

19080258

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
<u>625W0015</u> <u>NONSENSE ED TARA PRESERVE</u>	SW	<u>8-7-19</u>	<u>1000</u>	<u>1</u>	<u>250mL</u> <u>120mL</u>	P	Plain (on Ice)	<u>E. COLI</u>	<u>4</u>
	SW				120mL	P	Plain (on Ice)		
	SW				120mL	P	Plain (on Ice)		
	SW				120mL	P	Plain (on Ice)		
	SW				120mL	P	Plain (on Ice)		
	SW				120mL	P	Plain (on Ice)		
	SW				120mL	P	Plain (on Ice)		

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 (SDMNT), or sludge (SLDG).

³ "Container Type" is used to indicate whether the container is plastic (P) or glass (G).

⁴ "Preservative" is used to indicate whether the sample was preserved. The temperature during storage should be less than or equal to 6°C (42.8°F).

Under "Preservative," list any preservatives that were added to the sample container.

Instructions:

1. Each bottle has a label identifying sample ID, 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 rinsed 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: 2.2°C

1	Collected / Relinquished By:	Date	Time	Received By:	Date	Time
2	Relinquished By:	Date	Time	Received By: <u>BA</u>	Date <u>8-7-19</u>	Time <u>1255</u>