



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Longboat Key@Bishops Bayou Bayou

Date: 10/17/2019

(mm/dd/yyyy)

WIN/ Field ID: G3SW0052

WBID: 1916

Latitude: 27.43411

(Decimal Degrees)

County: Sarasota

ORG ID: 21FLTPA

Longitude: -82.68360

(Decimal Degrees)

Receiving Body of Water: Sarasota Bay

RQ-2019- 10-01-09

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 <u>Floating dock</u>	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded
Meter ID# Chewy
Matrix: Fresh / Marine / DI

Photos: Yes / No / Flow: No Flow / Interstitial / Flowing / 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 (µmhos/cm)	Temp. (C°)
EST	12:55	1.6	0.3	0.7	3.96	61.8	7.56	33.84	51624	28.6
			1.1		3.95	61.3	7.71	33.93	51744	28.3

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	SA7163030	06/12/18	☒ <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-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 ☐ W-E8321-MS ☐ W-CAR8-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Notes: B-Kit, Entero & Fecal - Class 2

Field ID/WIN G3SW0052
Site Name: Longboat Key@Bishops Bayou

Signature: Sarah Meyer Date: 10/17/2019

LIMS EVENT ID: 2019-10-18-01

WIN Import ID: 15736

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 11/13/2019

QC Station ID, Field Parameters In LIMS DMT: SM 12/04/2019

Scan/Save Field Sheets SM 01/07/2020

Migrate Data to WIN: 15736 12/09/2019

Verify Data In WIN: SM 01/07/2020

(Initials/Date)

(Initials/Date)

(Initials/Date)

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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- 2019-10-07-09

Laboratory Submission #

1910094

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
G2SW0111	SW	10/17/2019	10 10	1	120mL	P	Plain (on Ice)	Enteroc	1
G2SW0108 G2SW0029	SW	10/17/2019	10 40	1	120mL	P	Plain (on Ice)	Enteroc	2
G2SW0109	SW	10/17/2019	11 10	1	120mL	P	Plain (on Ice)	E Coli	3
G2SW0108	SW	10/17/2019	11 50	1	120mL	P	Plain (on Ice)	Enteroc	4
G2SW0031	SW	10/17/2019	12 10	1	120mL	P	Plain (on Ice)	E Coli	5
G3SW0052	SW	10/17/2019	12 55	2	120mL	P	Plain (on Ice)	Enteroc & Fecal	6
FB 10/17/2019 Field Blank	SW	10/17/2019	10 15	1	120mL	P	Plain (on Ice)	Enteroc & Fecal	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:
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: 5.2°C

1	Collected / Relinquished By: <i>Sarah Meyer</i>	Date 10/17/2019	Time 1426	Received By: <i>[Signature]</i>	Date 10-17-19	Time 1426
2	Relinquished By:	Date	Time	Received By:	Date	Time

Request Number: RQ-2019-10-07-09

Florida Department of Environmental Protection Central Laboratory Submittal Form

last revised Jan 25, 2018

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Run 10: Longboat and such

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)		☒ Eastern	Composite end		Bottle Group(s) (See pg 2)
Field ID/WIN G2SW0031		☒ Grab	Date 10/17/2019	Time 1210	Central	Date	Time	
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		A
WIN/				8.58	☐ % sat			
Site Name:	Wares Crk @ 36th Ave	Temp (C)	28.4	pH	7.79	Sample Depth	0.2	Sp. Conductance (umho/cm) 638
Latitude	☐ dms	Salinity (ppt)	0.31	Comments: E. COLI DROPPED OFF 2 AEE BENCHMARK				
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s)
Field ID/WIN G2SW0109		☒ Grab	Date 10/17/2019	Time 1110	Central	Date	Time	
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		A
WIN/				4.94	☐ % sat			
Site Name:	Wares Creek Fresh@30th Ave West	Temp (C)	27.1	pH	7.60	Sample Depth	0.1	Sp. Conductance (umho/cm) 523
Latitude	☐ dms	Salinity (ppt)	0.25	Comments: E. COLI DROPPED OFF 2 AEE BENCHMARK				
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s)
Field ID/WIN G3SW0052		☒ Grab	Date 10/17/2019	Time 1255	Central	Date	Time	
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☒ mg/L	Total Res. Chlorine (mg/L)		B
WIN/				3.96	☐ % sat			
Site Name:	Longboat Key@Bishops Bayou	Temp (C)	28.6	pH	7.56	Sample Depth	0.3	Sp. Conductance (umho/cm) 51624
Latitude	☐ dms	Salinity (ppt)	33.84	Comments: ENTERO/HECAL DROPPED OFF 2 BENCHMARK				
Location		☐ Comp	Collection (comp begin or grab)		☒ Eastern	Composite end		Bottle Group(s)
Field ID/WIN G3SW0052		☒ Grab	Date 10/17/2019	Time 1255	Central	Date	Time	
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L	Total Res. Chlorine (mg/L)		B*
WIN/					☐ % sat			
Site Name:	Longboat Key @ Bishops Bayou	Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)
Latitude	☐ dms	Salinity (ppt)		Comments: * ENTERO/HECAL DROPPED OFF 2 BENCHMARK				

Relinquished By: Sarah Meyer	Date/Time: 10/17/2019 1700	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time:
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Request Number: RQ-2019-10-07-09

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last revised Jan 25, 2018

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Run 10: Longboat and such

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	FIELD ID:		FB 10172019	LOCATION: Field_Blank	☐ Comp ☒ Grab	Collection (comp begin or grab)	☒ Eastern ☐ Central	Composite end	☐ Date ☐ Time	Bottle Group(s)
Field ID	Field ID/WIN	G2SW0108		Site Name: Wares Creek Tidal by Watertower	☐ dd ☐ dms	Salinity (ppt)	☐ Temp (C) ☐ pH	☐ Diss. Oxygen ☐ % sat	☐ Total Res. Chlorine (mg/L) ☐ Sp. Conductance (umho/cm)	B*
WIN/ST	Latitude									
Location	Field ID/WIN	G2SW0029		Site Name: Wares Crk @ 9th Ave	☐ Comp ☒ Grab	Collection (comp begin or grab)	☒ Eastern ☐ Central	Composite end	☐ Date ☐ Time	Bottle Group(s)
Field ID	Field ID/WIN	G2SW0029		Site Name: Wares Crk @ 9th Ave	☐ dd ☐ dms	Salinity (ppt)	☐ Temp (C) ☐ pH	☐ Diss. Oxygen ☐ % sat	☐ Total Res. Chlorine (mg/L) ☐ Sp. Conductance (umho/cm)	C
WIN/STO	Latitude									
Location	Field ID/WIN	G2SW0111		Site Name: Braden River Below Ward Lake@ramp	☐ Comp ☒ Grab	Collection (comp begin or grab)	☒ Eastern ☐ Central	Composite end	☐ Date ☐ Time	Bottle Group(s)
Field ID	Field ID/WIN	G2SW0111		Site Name: Braden River Below Ward Lake@ramp	☐ dd ☐ dms	Salinity (ppt)	☐ Temp (C) ☐ pH	☐ Diss. Oxygen ☐ % sat	☐ Total Res. Chlorine (mg/L) ☐ Sp. Conductance (umho/cm)	D
WIN/ST	Latitude									

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Sarah Meyer	10/17/2019 1700	FedEx	2		

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	SW-BEA-ECQ						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	31
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	31
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3+

Group: C	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
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W-S-A-TP

W-TKN

W-TOC

Group: C	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
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W-PO4-F

Group: D	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
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SW-BEA-ENQ

Group: B	Bottle Type: P-250ML-WI-THI SW-BEA-ENQ	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: P-250ML-WI-THI SW-BEA-FC	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: B	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: P-1L ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: BP-1L CHLSUITE-W	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: QPCR-P-500ML PCR-BACR PCR-DG3 PCR-HF183	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: P-250ML-WI-THI SW-BEA-ENQ	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: P-500ML W-NH3 W-NO2NO3	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2