



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: 4-29-19

(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- 04-22-05

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment						
<u>Judy Ashton</u> <u>Ben Peterson</u>						☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole				
											☐ Carboy	☐ Syringe					
											☐ Dipper	☐ Other					
Water Level: Dry / Pooled / <u>Low</u> / Normal / High / Flooded						Meter ID# <u>CHW1</u>					Matrix: Fresh / <u>(Marine)</u> / DI						
Photos: Yes / <u>No</u>						Flow: No Flow / Interstitial / Flowing / <u>NA</u>					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°)							
<u>EST</u>	<u>1210</u>	<u>0.8</u>	<u>0.3</u>	<u>0.8</u>	<u>4.90</u>	<u>73.8</u>	<u>7.77</u>	<u>33.58</u>	<u>51226</u>	<u>26.4</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>SA8344070</u>		<u>12/10/19</u>		☒ <2				
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3						☐ <2				
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☐ Ice										
Chlorophyll		☒ CHL-SUITE-W					☐ Ice										
Physical/Aggregate (Fresh)		☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-C / 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		☒ B-Kit ☒ Coli ☒ Enterococci					☒ Ice										
Molecular		☒ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2					☐ Ice										
		☐ 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					☐ Ice										
		☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA					☐ Ice										
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice										
Notes: <u>B-Kit, Entero & Fecal - Class 2</u>												Field ID/WIN <u>G3SW0052</u>					
Signature: <u>[Signature]</u>												Site Name: <u>Longboat Key@Bishops Bayou</u>					
Date: <u>4-29-19</u>																	

LIMS EVENT ID: 2019-04-30-03

WIN Import ID: 12719

Enter Field Parameters, Verify Station ID in LIMS DMT: SM 05/16/2019

QC Station ID, Field Parameters in LIMS DMT: SM 06/12/2019

Scan/Save Field Sheets SM 08/12/2019

Migrate Data to WIN: SM 06/12/2019

Verify Data in WIN: SM 08/12/2019

(Initials/Date)

(Initials/Date)

(Initials/Date)

Request Number: RQ-2019-04-22-05

Run 10: Longboat and such

Florida Department of Environmental Protection Central Laboratory Submittal Form

1 of 5

Page 1 of 4

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

Collected By: Lucy Ashton, Ben Paswater

Sampling Agency:

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>4-29-19</u> Time <u>1130</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID/WIN <u>G2SW0031</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>2</u>		Diss. Oxygen <u>13.24</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		<u>A</u>	
Site Name: <u>Wares Crk @ 36th Ave</u>		Temp (C) <u>25.9</u>		pH <u>8.20</u>		Sample Depth <u>0.1</u>		Sp. Conductance (umho/cm) <u>764</u>			
☐ dd ☐ dms		Salinity (ppt) <u>0.37</u>		Comments: <u>E. COLI ENTERO DROPPED W/ 2 BENCHMARK</u>							
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>4-29-19</u> Time <u>1100</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID/WIN <u>G2SW0109</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>2</u>		Diss. Oxygen <u>8.53</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		<u>A</u>	
Site Name: <u>Wares Creek Fresh@30th Ave West</u>		Temp (C) <u>24.8</u>		pH <u>7.93</u>		Sample Depth <u>0.1</u>		Sp. Conductance (umho/cm) <u>720</u>			
☐ dd ☐ dms		Salinity (ppt) <u>0.35</u>		Comments: <u>E. COLI ENTERO DROPPED W/ 2 BENCHMARK</u>							
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>4-29-19</u> Time <u>1100</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID/WIN <u>G2SW0029</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>2</u>		Diss. Oxygen <u>2.48</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		<u>C</u>	
Site Name: <u>Wares Crk @ 9th Ave</u>		Temp (C) <u>26.8</u>		pH <u>7.28</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>39588</u>			
☐ dd ☐ dms		Salinity (ppt) <u>25.09</u>		Comments: <u>ENTERO DROPPED W/ 2 BENCHMARK</u>							
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>4-29-19</u> Time <u>1100</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID/WIN <u>G2SW0108</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>FRESH</u>		Diss. Oxygen <u>4.55</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		<u>C</u>	
Site Name: <u>Wares Creek Tidal by Watertower</u>		Temp (C) <u>25.4</u>		pH <u>7.70</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>1057</u>			
☐ dd ☐ dms		Salinity (ppt) <u>0.52</u>		Comments: <u>ENTERO DROPPED W/ 2 BENCHMARK</u>							

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
------------------	-----------	-----------------	----------------------------	--------------	-----------

Request Number: RQ-2019-04-22-05

Run 10: Longboat and such

Florida Department of Environmental Protection

Central Laboratory Submittal Form

2 of 5
Page 1 of 4

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date <u>4-29-19</u> Time <u>1210</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID/WIN G3SW0052		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>4.90</u> mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
WIN/ Site Name: Longboat Key@Bishops Bayou	Latitude	Temp (C) <u>26.4</u>	pH <u>7.77</u>	Sample Depth <u>0.3</u> ft ☒ m	Sp. Conductance (umho/cm) <u>51226</u>	
Longitude	Salinity (ppt) <u>33.58</u>	Comments <u>FECAL + ENTERO COCCIDIA ON 2 BEACHMARKS</u>				
Location		☒ Comp ☒ Grab	Collection (comp begin or grab) Date <u>4-29-19</u> Time <u>0950</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID/WIN G2SW0111		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>5.47</u> mg/L ☒ % sat	Total Res. Chlorine (mg/L)	D
WIN/ Site Name: Braden River Below Ward Lake@ramp	Latitude	Temp (C) <u>25.8</u>	pH <u>7.07</u>	Sample Depth <u>0.3</u> ft ☒ m	Sp. Conductance (umho/cm) <u>35871</u>	
Longitude	Salinity (ppt) <u>22.61</u>	Comments <u>ENTERO COCCIDIA ON 2 BEACHMARKS</u>				
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Latitude	Longitude	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Salinity (ppt)	Comments					
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID	WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
Latitude	Longitude	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Salinity (ppt)	Comments					
Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time	

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:	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-FILTER						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	SWD-AEL-EC	SW-BRA-ECR					
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	1
	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	1

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

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

W-TKN
W-TOC

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

W-PO4-F

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

~~SWD-AEL-EN~~ SW-BEA-ENQ

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

RQ-2019-04-22-05

PO # 1335040

Project Name:

Client Information:	FDEP	
Address:	13001 N. TELLECOM PKWY	
	TAMPA 33637	
Phone #	813-470-5772	
Fax #		
Email	DEP-OVERFLOW, jindy.ashton@dep.state.fl.us	
Laboratory Submission #	19041339	

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴ Lab Preserved ☐	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
G2SWDD031 WALES CRK @ 30 th AVE	SW	4-29-19	1130	1	250ML	P	ICE	E. COLI	1
G2SWD0109 WALES CRK FRESH @ 30 th AVE W	SW	4-29-19	1100	1	250ML	P	ICE	E. COLI	2
G2SWDD029 WALES CRK @ 9 th AVE	SW	4-29-19	1015	1	250ML	P	ICE	ENTERO	3
G2SWD010B WALES CRK TIDAL BY WATER TOWER	SW	4-29-19	1030	1	250ML	P	ICE	ENTERO	4
G3SWDD052 LONGBOAT KEY @ BISHOPS BAY BL	SW	4-29-19	1210	2	250ML	P	ICE	FECAL + ENTERO	5
G2SWD0111 BRADEN RIVER @ RAMP	SW	4-29-19	0950	1	250ML	P	ICE	ENTERO	6

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 4°C (40°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:	
pH < 8	Temperature: 4.4°C
Date	Time
04/29/19	1316

1	Collected By: Judy Ashton	Date 4-29-19	Time 1210	Received By:	Date	Time
2	Relinquished By: Judy Ashton	Date 4-29-19	Time 1315	Received By:	Date	Time