



RQ-2020- see page 1

Customer: SWROC

Project ID: SMP

Collected By: SWROC

Field Report Prepared By: S Meyer

Sampling Agency: DEP SWROC

Field ID/WIN

G3SW0068Site Name **Elligraw Bayou by Tamiami Trail**

Comments:

Matrix: Fresh / Marine

(Check one)

☒ GRAB☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
02/24/2020	10 35	6.24	83.0	20.5	7.82	0.3	0.7	1.6	46982	30.60
	EST						☐ VOB (S)			

Cental Lab please use top row for login purposes

		6.46	86.0	20.5	7.84	1.1			47241	30.79
	EST									

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☐ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP	☐ Ice ☐ H2SO4*	☐ <2		
	Lot # SA9301030 Exp: 10/28/2020				
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP ☐ W-HARD	☐ Ice ☐ HNO3*	☐ <2		
	Lot # NA9189080 Exp: 7/8/2020				
Filtered Nutrients (P125ML)	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
	Filter Lot # 16968882				
	Syringe Lot # 9056849				
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)(P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
	☐ Contract Lab				
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3	☐ Ice			
	☐ PCR-GULL2 ☐ PCR-GFD ☐ See Notes				
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)				

Name: Sarah MeyerSignature: Sarah MeyerDate: 02/24/2020

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End
of Day CCV
☒ Yes / ☐ No

page 1
of 2

WIN Station Name: See label on page 2

Date: 02 / 24 / 2020
(mm/dd/yyyy)

WIN/ Field ID: See label on page 2

WBID: Latitude: (Decimal Degrees)

County: ORG ID: 21FLTPA Longitude: (Decimal Degrees)

Receiving Body of Water: RQ-2020- 02-24-08

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

Sampling Equipment	
☒ Sample Container	☐ Van Dorn
Syringe	Pole
Dipper	Other
Depth Measured with	
Equipment ID Secchi #3	
Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
Other	☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded		Meter ID# Chewy	
Photos: Yes / No	Flow: No Flow / <u>Flowing</u> / NA	Tide: Rising/ Falling/ Slack/ NA	Tide Times: High Low
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#:
Notes:			

Duplicate Sample

Time Zone: EST	Time:	Field ID: (WIN ID_DUP)
WIN DMT Activity ID:		

Blank

Time Zone: EST	Time:	Field ID: (Blank Type_ODMMYYYY)
DI Source: SWDIST DI Machine	Location:	
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank	Equipment ID:	

LIMS EVENT ID: 2020-02-25-01 WIN Import ID: 18289

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 03/23/2020 QC Station ID, Field Parameters In LIMS DMT: SM 04/06/2020
(Initials/Date) (Initials/Date)

Scan/Save Field Sheets Migrate Data to WIN: SM 04/06/2020 Verify Data In WIN: SM 09/08/2020
(Initials/Date) (Initials/Date)

Page 1

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-2020- 02-24-08

Laboratory Submission #

20021270

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
G3SW0068	SW	02/24/2020	10 35	1	120mL	P	Plain (on Ice)	Enteroc	1
G3SW0069	SW	02/24/2020	10 20	1	120mL	P	Plain (on Ice)	Enteroc	2
G3SW0070	SW	02/24/2020	10 10	1	120mL	P	Plain (on Ice)	Enteroc	3
G3SW0062	SW	02/24/2020	11 00	1	120mL	P	Plain (on Ice)	Enteroc	4
G3SW0065	SW	02/24/2020	12 30	1	120mL	P	Plain (on Ice)	E. Coli *	5
G3SW0061	SW	02/24/2020	13 25	1	120mL	P	Plain (on Ice)	Enteroc	6
G3SW0060	SW				120mL	P	Plain (on Ice)	Enteroc	

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, sediments (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, sample'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: 3.9°C

1	Collected / Relinquished By: <u>Sarah Meyer</u>	Date <u>2/24/20</u>	Time <u>1322</u>	Received By: <u>[Signature]</u>	Date <u>2-24-20</u>	Time <u>15202</u>
2	Relinquished By:	Date	Time	Received By:	Date	Time

Benchmark EnviroAnalytical, Inc
1711 12th Street East
Palmetto, FL 34221
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Phone # 815-470-5772

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

Invoice to: FDEP Micro Overflow

Project Name: RQ-2020- 02-24-08

Laboratory Submission # 20021270

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
G3SW0063	SW	02/24/2020	1200	1	120mL	P	Plain (on Ice)	Enteroc	7
G3SW0064	SW	02/24/2020	1150	1	120mL	P	Plain (on Ice)	Enteroc	8
G3SW0066	SW	02/24/2020	1130	1	120mL	P	Plain (on Ice)	Ecoli *	9
G3SW0067	SW	02/24/2020	1120	1	120mL	P	Plain (on Ice)	E Coli *	10
	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 (SDA/NT), 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, sample'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: 39°C

1	Collected / Relinquished By: <u>Sarah Meyer</u>	Date: <u>2/24/20</u>	Time: <u>1522</u>	Received By: <u>[Signature]</u>	Date: <u>2-24-20</u>	Time: <u>1522</u>
2	Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Request Number: RQ-2020-02-24-08

Island Park, Philippe Tidal, Philip Trib, Clark, Eligraw

Florida Department of Environmental Protection

Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: SW-DIST

Requester: Judy Ashton

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 02/24/2020 Time 10:35	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID/WIN G3SW0068		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.24	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
Site Name: Elligraw Bayou by Tamiami Trail	Temp (C) 20.5	pH 7.82	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 46982
	☐ dd ☐ dms	Salinity (ppt) 30.60	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/24/2020 Time 10:20	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID/WIN G3SW0069		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 3.26	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
Site Name: Elligraw Bayou @ Biltmore Drive	Temp (C) 18.5	pH 7.48	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 902
	☐ dd ☐ dms	Salinity (ppt) 0.45	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/24/2020 Time 10:10	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID/WIN G3SW0070		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 3.41	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
Site Name: Elligraw Bayou @ Curtiss Ave	Temp (C) 18.4	pH 7.62	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 1096
	☐ dd ☐ dms	Salinity (ppt) 0.55	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/24/2020 Time 11:00	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID/WIN G3SW0062		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.36	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____
Site Name: Phillipi Creek in Park	Temp (C) 20.7	pH 7.81	Sample Depth 0.2	☐ ft ☒ m	Sp. Conductance (umho/cm) 44244
	☐ dd ☐ dms	Salinity (ppt) 28.62	Comments		

Relinquished By: B. Paswater	Date/Time 2/24/20	Shipping Method Fed EX	Number of Coolers Shipped: 1	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	PCR-BACR PCR-DG3 PCR-HF183						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3 to BEA
	SW-BEA-ECQ						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-E8321-DI W-E8321-MS						
Group: A	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: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	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						

Request Number: RQ-2020-02-24-08

Island Park, Philippe Tidal, Philip Trib, Clark, Eligraw

Florida Department of Environmental Protection

Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: B Paswater & S Meyer

Sampling Agency: FDEP SW RY

Location		☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 02/24/2020	Time 1200	Eastern Central	Composite end	Date	Time	Bottle Group(s) (See pg 2)
Field ID/WIN G3SW0063		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine (mg/L)		A, B		
Site Name: Phillipi Creek by Siesta Circle		Temp (C) 20.7		pH 8.02		Sample Depth 0.3		☐ ft		Sp. Conductance (umho/cm) 8386		
		☐ dd		Salinity (ppt) 4.68		Comments						
		☐ dms										
Location		☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 02/24/2020	Time 1150	Eastern Central	Composite end	Date	Time	Bottle Group(s)
Field ID/WIN G3SW0064		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine (mg/L)		D		
Site Name: Phillipi Creek @ Bee Ridge		Temp (C) 21.1		pH 8.03		Sample Depth 0.3		☐ ft		Sp. Conductance (umho/cm) 10850		
		☐ dd		Salinity (ppt) 6.7		Comments						
		☐ dms										
Location		☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 02/24/2020	Time 1130	Eastern Central	Composite end	Date	Time	Bottle Group(s)
Field ID/WIN G3SW0066		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine (mg/L)		C		
Site Name: Clark Lake Drainage @ Brookside		Temp (C) 19.2		pH 7.53		Sample Depth 0.1		☐ ft		Sp. Conductance (umho/cm) 720		
		☐ dd		Salinity (ppt) 0.35		Comments						
		☐ dms										
Location		☐ Comp	Collection (comp begin or grab)		☒ Grab	Date 02/24/2020	Time 1120	Eastern Central	Composite end	Date	Time	Bottle Group(s)
Field ID/WIN G3SW0067		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine (mg/L)		C		
Site Name: Clark Lake Drainage above Proctor Rd		Temp (C) 19.6		pH 7.87		Sample Depth 0.1		☐ ft		Sp. Conductance (umho/cm) 670		
		☐ dd		Salinity (ppt) 0.33		Comments						
		☐ dms										

Relinquished By: Sarah Meyer	Date/Time: 02/24/2020 1700	Shipping Method: FedEx	Number of Coolers Shipped: 1	Received By:	Date/Time:
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Request Number: RQ-2020-02-24-08

Island Park, Philippe Tidal, Philip Trib, Clark, Eligraw

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Page 1 of 3

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Field Report Prepared By: S Meyer

Collected By: B Paswater & S Meyer

Sampling Agency: FDEP SW ROC

Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/24/2020 Time 12 30	Eastern Central	Composite end Date — Time —	Bottle Group(s) (See pg 2)
Field ID/WIN G3SW0065		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 3.49	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Site Name: Phillippe Tributary @ Cattleman Rd		Temp (C) 18.9	pH 7.40	Sample Depth 0.1	☐ ft ☒ m	Sp. Conductance (umho/cm) 750
☐ dd ☐ dms		Salinity (ppt) 0.37	Comments			
Location		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 02/24/2020 Time 1325	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID/WIN G3SW0061		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.60	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Site Name: Island Park Boat Basin off Dock		Temp (C) 20.4	pH 7.97	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 50851
☐ dd ☐ dms		Salinity (ppt) 33.43	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date — Time —	Eastern Central	Composite end Date — Time —	Bottle Group(s)
		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)
☐ dd ☐ dms		Salinity (ppt)	Comments			
Loc.		☐ 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	☐ ft ☐ m	Sp. Conductance (umho/cm)
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments	

Relinquished By: Sarah Meyer	Date/Time 02/24/2020 1700	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By:	Date/Time
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Group: B	Bottle Type: W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: SW-BEA-ENQ	TEST HAS NO BOTTLE	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 BEA
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: SW-BEA-ENQ	TEST HAS NO BOTTLE	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	6 to BEA
Group: D	Bottle Type: PCR-BACR PCR-DG3 PCR-HF183	QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: D	Bottle Type: SW-BEA-ECQ	TEST HAS NO BOTTLE	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2 to AEL