



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?
Yes / No

WIN Station Name: Gamble Creek @ Mulholland Rd

Date: 07/29/2019
(mm/dd/yyyy)

WIN/ Field ID: G2SW0106

WBID: 1819

Latitude: 27.535

(Decimal Degrees)

County: Manatee

ORG ID: 21FLTPA

Longitude: -82.40024

(Decimal Degrees)

Receiving Body of Water: Little Manatee River

RQ-2019- 07-29-01

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

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# Chewy
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	1050	2.0	0.3	0.4	2.07	26.2 28.6	6.40	0.09	203.4	27.4

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

Field ID/WIN: G2SW0106

Site Name: Gamble Creek @ Mulholland Rd

Signature: Sarah Meyer Date: 07/29/2019

LIMS EVENT ID: 2019-07-30-01 WIN Import ID: 15123
Enter Field Parameters, Verify Station ID In LIMS DMT: SM 08/13/2019 QC Station ID, Field Parameters In LIMS DMT: SM 10/15/2019
Scan/Save Field Sheets Migrate Data to WIN: SM 10/16/2019 Verify Data In WIN: SM 11/21/2019
(Initials/Date) (Initials/Date) (Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

SMP: Run 8

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/WIN	G2SW0100	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07/29/2019 Time 930	Eastern Central	Composite end Date — Time —	Bottle Group(s) (See pg 2)
Field ID	WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 4.82	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	C
Latitude	Site Name: Lil Manatee River N. Fork @ Carlton Lake Rd		Temp (C) 26.4	pH 6.29	Sample Depth 0.3	Sp. Conductance (umho/cm) 191.6	
			Salinity (ppt) 0.09	Comments E. COLI DROPPED OUT @ BENCHMARK			
Location	Field ID/WIN	G2SW0106	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07/29/2019 Time 1050	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID	WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 2.07	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
Latitude	Site Name: Gamble Creek @ Mulholland Rd		Temp (C) 27.4	pH 6.40	Sample Depth 0.3	Sp. Conductance (umho/cm) 203.4	
			Salinity (ppt) 0.09	Comments E. COLI DROPPED OUT @ BENCHMARK			
Location	Field ID/WIN	G2SW0107	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07/29/2019 Time 1030	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID	WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 1.15	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	B
Latitude	Site Name: Gamble Creek @ Golf Course Rd		Temp (C) 27.3	pH 6.26	Sample Depth 0.3	Sp. Conductance (umho/cm) 192.3	
			Salinity (ppt) 0.09	Comments E. COLI DROPPED OUT @ BENCHMARK			
Location	Field ID/WIN	G2SW0103	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 07/29/2019 Time 950	Eastern Central	Composite end Date — Time —	Bottle Group(s)
Field ID	WIN/ST		Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 6.40	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	A
Latitude	Site Name: Lil Manatee River @ Saffold Rd		Temp (C) 25.8	pH 6.25	Sample Depth 0.3	Sp. Conductance (umho/cm) 159.2	
			Salinity (ppt) 0.07	Comments E. COLI DROPPED OUT @ BENCHMARK			

Relinquished By: Sarah Meyer	Date/Time 07/29/2019	Shipping Method FedEx	Number of Coolers Shipped: 2	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:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	SWD-AEL-EC SW-BEA-ECQ						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
	W-CARB-AA						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	W-CT-CI-R W-PCL-SQ-R						
Group: A	Bottle Type:	BG-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-E8321-DI W-E8321-MS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP W-ICPMS						
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: A	Bottle Type: BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
W-PSNP-TQ					
Group: B	Bottle Type: P-250ML-WI-THI	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
SWD-AEL-EC SW-BEA-ECQ					
Group: C	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
PCR-FILTER PCR-HF183, PCR-BACR					
Group: C	Bottle Type: P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
SWD-AEL-EC SW-BEA-ECQ					
Group: C	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
W-E8321-DI					
W-E8321-MS					

Benchmark EnviroAnalytical, Inc

1711 12th Street East

Palmetto, FL 34221

941-723-9986

941-723-6061 Fax

PD # B57BCL6

RQ-2019-07-29-01

Client Information:	FDEP	
Address:	13051 N. TELLCOM HWY	
	TAMPA, FL 33637	
Phone #	813-470-5772	
Fax #		
Email	judy.usilton@dep.state.fl.us	
Laboratory Submission #	19071416	

Project Name:

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³	Lab Preserved ☐		
G25WD100 LIL MANATEE R. N. FORK	SW	07/29/2019	930	1	120ML	P	ICL	E. COLI	1
G25WD106 GAMBLE CREEK @ MUDHOLLAND	SW	07/29/2019	10:50	1	120ML	P	ICL	E. COLI	2
G25WD107 GAMBLE CREEK @ GOLF COURSE	SW	07/29/2019	10:30	1	120ML	P	ICL	E. COLI	3
G25WD103 LIL MANATEE R. @ SAHOLA RT.	SW	07/29/2019	950	1	120ML	P	ICL	E. COLI	4

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 dechlorinated 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 must be refrigerated or stored on ice after collection. The temperature during storage should be less than or equal to 4°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 block 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: 7.2 Temperature: 3.8°C

1	Collected By: Sarah Meyer	Date: 07/29/19	Time: 1050	Received By: Sarah Meyer	Date: 07/29/19	Time: 1050
2	Relinquished By: Sarah Meyer	Date: 07/29/19	Time: 1156	Received By: [Signature]	Date: 7-29-19	Time: 1155