



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes ☐ No ☒

WIN Station Name: Mustang Ranch Creek @Hopewell

Date: 4-17-19
(mm/dd/yyyy)

WIN/ Field ID: G2SW0026

WBID: 1592C

Latitude: 27.9285

(Decimal Degrees)

County: Hillsborough

ORG ID: 21FLTPA

Longitude: -82.12192

(Decimal Degrees)

Receiving Body of Water: Alafia River

RQ-2019-04-08-13

Sampling Team Members

WQ Measurements
Sample Collection
Documentation
Preservation
Preservation Check

☒ ☒ ☒ ☐ ☐

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

Meter ID# CHRY

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 (PPTH)	Sp COND (umhos/cm)	Temp. (C°)
<u>EST</u>	<u>1100</u>	<u>0.6</u>	<u>0.3</u>	<u>0.6</u>	<u>8.69</u>	<u>97.4</u>	<u>6.59</u>	<u>0.12</u>	<u>244.2</u>	<u>21.0</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 um 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-PW-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			

Place Preservative Sticker(s) Here
(If Available)

Notes:

E.coli, T & M

Field ID/WIN

G2SW0026

Site Name:

Mustang Rch @ Hopewell

Signature: [Signature]

Date: 4-17-19

LIMS EVENT ID: 2019-04-18-01

WIN Import ID: 12106

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 05/02/2019

QC Station ID, Field Parameters In LIMS DMT: SM 06/11/2019

Scan/Save Field Sheets: SM 07/18/2019

Migrate Data to WIN: SM 06/11/2019

Verify Data In WIN: SM 07/18/2019

(Initials/Date)

(Initials/Date)

(Initials/Date)

Request Number: RQ-2019-04-08-13

SMP - Run 2

Florida Department of Environmental Protection Central Laboratory Submittal Form

Page 4 of 3

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Benjamin Paswater

Collected By: Judy Ashton, Ben PaswaterField Report Prepared By: Judy AshtonSampling Agency: FDEP

Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern ☒ Central ☐ Composite end		Bottle Group(s)	
Field ID/WIN	G2SW0067			Date	4-17-19	Time	1130	Date	
WI		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Lat	Site Name: Spartman Branch at Harvey Tew Rd	Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
		21.6		6.46		0.3		174.3	
☐ dd ☐ dms		Salinity (ppt)		Comments					
		0.08		E. COLI DROPPED OFF A BENCHMARK					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern ☒ Central ☐ Composite end		Bottle Group(s)	
Field ID/WIN	G2SW0049			Date	4-17-19	Time		Date	
WI		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Lat	Site Name: Poley Creek @ SR 60	Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
		21.3		7.72		0.3		283.4	
☐ dd ☐ dms		Salinity (ppt)		Comments					
		0.13		E. COLI DROPPED OFF A BENCHMARK					
Location		☐ Comp ☐ Grab		Collection (comp begin or grab)		Eastern ☐ Central ☐ Composite end		Bottle Group(s)	
Field ID/WIN	G2SW0085			Date		Time		Date	
WI		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Lat	Site Name: Pemberton Creek @ Gallagher Rd	Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
☐ dd ☐ dms		Salinity (ppt)		Comments					
				* E. COLI ONLY E. COLI DROPPED OFF A BENCHMARK					
Location		☐ Comp ☒ Grab		Collection (comp begin or grab)		Eastern ☒ Central ☐ Composite end		Bottle Group(s)	
Field ID/WIN	G2SW0026			Date	4-17-19	Time	1100	Date	
WI		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
Lat	Site Name: Mustang Ranch Creek @ Hopewell	Temp (C)		pH		Sample Depth		Sp. Conductance (umho/cm)	
		21.0		6.59		0.3		244.2	
☐ dd ☐ dms		Salinity (ppt)		Comments					
		0.12		E. COLI DROPPED OFF A BENCHMARK					

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J. Ashton	4-17-19 1700	FedEx	1		

Location		Field ID/WIN G2SW0080		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4-17-19 Time 1205		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)			
Field				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.53		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B			
WIN/		Site Name: Baker Creek East@Pemberton Dr		Temp (C) 21.6		pH 7.37		Sample Depth 0.3		☐ ft ☒ m				Sp. Conductance (umho/cm) 266.0	
Latitude		☐ dms		☐ dd ☐ dms		Salinity (ppt) 0.13		Comments E. COLI DROPPED OFF @ BENCHMARK							
Location				☒ 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)		X			
WIN/STORET #				Temp (C)		pH		Sample Depth		☐ ft ☐ m				Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments E. COLI DROPPED OFF @ BENCHMARK					
Location				☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4-17-19 Time 1155		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)			
Field		Field ID/WIN G2SW0081				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.83		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
WIN/		Site Name: Baker Creek East@McIntosh Rd		Temp (C) 21.2		pH 7.51		Sample Depth 0.3		☐ ft ☒ m		Sp. Conductance (umho/cm) 263.7			
Latitude		☐ dms		☐ dd ☐ dms		Salinity (ppt) 0.13		Comments E. COLI DROPPED OFF @ BENCHMARK				B			
Location				☒ 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:		Date/Time		Shipping Method		Number of Coolers Shipped:		Received By:		Date/Time	
------------------	--	-----------	--	-----------------	--	----------------------------	--	--------------	--	-----------	--

Group: A	Bottle Type: P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
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	0
CHLSUITE-W					
Group: A	Bottle Type: P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
SWD-AEL-EG SW-BEA-ECQ					
Group: A	Bottle Type: P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
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	0
W-PO4-F					
Group: B	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 2
PCR-FILTER					
Group: B	Bottle Type: P-250ML-WI-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0 5 2
SWD-AEL-EG SW-BEA-ECQ					
Group: B	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	4 2
W-E8321-DI W-E8321-MS					
Group: C	Bottle Type: QPCR-P-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	0 0 3
PCR-BACR PCR-HF183					
Group: C	Bottle Type: P-250ML-WI-THI	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	0 0 3

4 of 4

Page 3 of 3

Group: C	Bottle Type: P-250ML-WI-THI	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	SWD-AEL-EG	SW-BEA-ECQ			

Group: C	Bottle Type: BG-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>3</u>
	W-E8321-DI				
	W-E8321-MS				

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

BD-2019-04-08-13
PO# B35040

Client Information:	FDEP
Address:	13051 N. TELECOM PKWY
	TAMPA FL 33607
Phone #	813-470-5772
Fax #	
Email	Judy.Askton@dep.state.fl.us
Laboratory Submission #	19040821

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 ☐		
G25W0067 SPARTMAN BRANCH @ HARVEY TEN	SW	4-17-19	1130	1	250ML	P	ICE	E. COLI	1
G25W0049 POLEY CREEK @ SR 60	SW	4-17-19	1245	1	250ML	P	ICE	E. COLI	2
G25W0085 PAMBERTON CREEK @ GALLAGHER	SW			1	250ML	P	ICE	E. COLI	
G25W0026 MUSTANG RANCH CREEK @ HOPEWELL	SW	4-17-19	1100	1	250ML	P	ICE	E. COLI	3
G25W0080 BAKER CREEK EAST @ PEMBERTON	SW	4-17-19	1205	1	250ML	P	ICE	E. COLI	4
G25W0081 BAKER CREEK EAST @ MCINTOSH	SW	4-17-19	1155	1	250ML	P	ICE	E. COLI	5

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), ground water (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 (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.

1	Collected By: Judy Askton	Date 4-17-19	Time 1245	Received By:	Date	Time
2	Relinquished By: Judy Askton	Date 4-17-19	Time 1405	Received By:	Date 04/17/19	Time 1407

Laboratory Sample Acceptability:
pH < 8 Temperature: 1.4°C