



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Pemberton Creek @ Gallagher Rd

Date: 7-17-19
(mm/dd/yyyy)

WIN/ Field ID: G2SW0085

WBID: 1542

Latitude: 28.02628

(Decimal Degrees)

County: Hillsborough

ORG ID: 21FLTPA

Longitude: -82.23600

(Decimal Degrees)

Receiving Body of Water: Hillsborough River

RQ-2019-07-15-37

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment					
<u>Justin Ashton</u> <u>Beal Paswater</u>					☒	☒	☒	☒	☒	☒ 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 / <u>Normal</u> / High / Flooded					Meter ID# <u>CHERRY</u>					Matrix: <u>Fresh</u> / Marine / DI					
Photos: Yes / <u>No</u>					Flow: No Flow / Interstitial / <u>Flowing</u> / NA					Tide: Rising / Falling / Slack / <u>NA</u>					
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>1010</u>	<u>1.0</u>	<u>0.3</u>	<u>0.4</u>	<u>6.92</u>	<u>85.9</u>	<u>6.75</u>	<u>0.08</u>	<u>170.4</u>	<u>26.3</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 ☐ H ₂ SO ₄				☐ <2					
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO ₃				☐ <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-CHC / 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: <u>E.coli</u>															
Field ID/WIN <u>G2SW0085</u> Site Name: <u>Pemberton Creek @ Gallagher Rd</u>															
Signature: <u>[Signature]</u> Date: <u>7-17-19</u>															

LIMS EVENT ID: 2019-07-18-01

WIN Import ID: 14386

Enter Field Parameters, Verify Station ID In LIMS DMT: KP 07-25-19

QC Station ID, Field Parameters In LIMS DMT: SM 09/05/2019

Scan/Save Field Sheets SM 01/15/2020

Migrate Data to WIN: SM 09/05/2019 Verify Data In WIN: SM 01/15/2020

(Initials/Date)

(Initials/Date)

(Initials/Date)

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

PO# B57866
RD-2019-07-15-37

Project Name:

Client Information:	FDEP
Address:	13051 N. TELEPHONE RD TAMPA, FL 33637
Phone #	813-470-5771
Fax #	
Email	judy.ashton@dep.state.fl.us
Laboratory Submission #.	19070774

Sample Name	Sample Type / Matrix ²	Collection		Container			Preservative ⁴ Lab Preserved ☐	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
G25W0026 MUSTANG RANCH CREEK @ HORNWELL	SW	7-17-19	1115	1	120ML	P	ICE	E. COLI	1
G25W0067 SPARTAN BRANCH @ HAWKEYE	SW	7-17-19	1030	1	"	"	"	E. COLI	2
G25W0049 POLLY CREEK @ SR 60	SW	7-17-19	1100	1	"	"	"	E. COLI	3
G25W0080 BAKER CREEK @ PEMBERTON	SW	7-17-19	1000	1	"	"	"	E. COLI	4
G25W0081 BAKER CREEK @ MCINTOSH RD	SW	7-17-19	0950	1	"	"	"	E. COLI	5
G25W0085 PEMBERTON CREEK @ BALLAHER	SW	7-17-19	1010	1	"	"	"	E. COLI	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 6°C (42.8°F).
Under "Preservative," list any preservatives that were added to the sample container.

Instructions:

- Each bottle has a label identifying sample ID, preservative contained in the bottle, sample type, client ID, and parameters for analysis.
- The following information should be added to each bottle label after collection with permanent block ink: date and time of collection, sample's name or initials, and any field number or ID.
- All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
- The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

1. Collected By:	Judy Ashton	Date	7-17-19	Time	1115	Received By:	
2. Relinquished By:	Judy Ashton	Date	7-17-19	Time	1220	Received By:	

Laboratory Sample Acceptability:	
pH < 2	
Temperature: 4.3°C	
Date	Time
7-17-19	1220

Request Number: RQ-2019-07-15-37

RUN 2

Florida Department of Environmental Protection Central Laboratory Submittal Form

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Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	Field ID/WIN	G2SW0026	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Time	1115	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2)		
Field II	WIN/S	Site Name: Mustang Ranch Creek @ Hopewell	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	6.83	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			B		
Latitud		☐ dms	Temp (C)	26.9	pH	7.07	Sample Depth	0.3	☐ ft ☒ m		Sp. Conductance (umho/cm)	220.9
		☐ dms	Salinity (ppt)	0.10	Comments: E. COLI MOVED OUT 2 BENCHMARK							
Location	Field ID/WIN	G2SW0067	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Time	1030	Eastern Central	Composite end Date	Time	Bottle Group(s)		
Field II	WIN/S	Site Name: Spartman Branch at Harvey Tew Rd	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	4.47	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			B		
Latitud		☐ dms	Temp (C)	26.4	pH	6.51	Sample Depth	0.3	☐ ft ☒ m		Sp. Conductance (umho/cm)	149.1
		☐ dms	Salinity (ppt)	0.07	Comments: E. COLI MOVED OUT 2 BENCHMARK							
Location	Field ID/WIN	G2SW0049	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Time	1100	Eastern Central	Composite end Date	Time	Bottle Group(s)		
Field II	WIN/S	Site Name: Poley Creek @ SR 60	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	6.86	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			B		
Latitud		☐ dms	Temp (C)	26.3	pH	7.24	Sample Depth	0.3	☐ ft ☒ m		Sp. Conductance (umho/cm)	292.4
		☐ dms	Salinity (ppt)	0.14	Comments: E. COLI MOVED OUT 2 BENCHMARK							
Location	Field ID/WIN	G2SW0080	☐ Comp ☒ Grab	Collection (comp begin or grab) Date	Time	1000	Eastern Central	Composite end Date	Time	Bottle Group(s)		
Field II	WIN/S	Site Name: Baker Creek East@Pemberton Dr	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	6.92	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)			A		
Latitud		☐ dms	Temp (C)	26.6	pH	6.63	Sample Depth	0.3	☐ ft ☒ m		Sp. Conductance (umho/cm)	176.0
		☐ dms	Salinity (ppt)	0.08	Comments: E. COLI MOVED OUT 2 BENCHMARK							

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

J. Ashton

7-17-19 1600

KES LP

1

Request Number: RQ-2019-07-15-37

RUN 2

Florida Department of Environmental Protection Central Laboratory Submittal Form

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Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	Field ID/WIN G2SW0081		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 7-17-19 Time 0950	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.99	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	AE
WIN/STORE	Site Name: Baker Creek East@McIntosh Rd		Temp (C) 26.5	pH 7.00	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 170.3	
Latitude	☐ dms		Salinity (ppt) 0.00	Comments E. COLI DROPPES AT 2 BENCHMARK				
Location	Field ID/WIN G2SW0085		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 7-17-19 Time 1010	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.92	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	C
WIN/STORE	Site Name: Pemberton Creek@Gallagher Rd		Temp (C) 26.3	pH 6.75	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 170.4	
Latitude	☐ dms		Salinity (ppt) 0.00	Comments E. COLI DROPPES AT 2 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)	
WIN/STORE #			Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
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/STORE #			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
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Group: A	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: P-250ML-WI-THI SWD-AEL-EC SW-BEA-ELC	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: QPCR-P-500ML PCR-BACR PCR-HF183	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: P-250ML-WI-THI SWD-AEL-EC SW-BEA-ELC	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: P-250ML-WI-THI SWD-AEL-EC SW-BEA-ELC	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1