



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / ☒ No

WIN Station Name: Mullet Creek Tidal @ Park

Date: 4-16-19
(mm/dd/yyyy)

WIN/ Field ID: G1SW0095

WBID: 1575

Latitude: 27.99302

(Decimal Degrees)

County: Pinellas

ORG ID: 21FLTPA

Longitude: -82.68617

(Decimal Degrees)

Receiving Body of Water: _____

RQ-2019- 04-15-05

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>Jessy Ashton</u> <u>Ben Paswater</u>						☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole		
											☐ Carboy	☐ Syringe			
											☐ Dipper	☐ Other			
Depth Measured with: <u>Secchi</u>						Equipment ID: <u>Secchi #1</u>									
											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>CHWY</u>					Matrix: Fresh / <u>Marine</u> / DI				
Photos: Yes ☒ No ☐		Flow: No Flow / Interstitial / Flowing / NA				Tide: <u>Rising</u> / 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>1200</u>	<u>1.0</u>	<u>0.2</u>	<u>0.4</u>	<u>5.99</u>	<u>80.7</u>	<u>8.03</u>	<u>19.55</u>	<u>31427</u>	<u>24.8</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>		<u>2</u>			
Metals		☒ W-ICPMS ☒ W-ICP				☒ Ice ☒ HNO3		<u>NA8344050</u>		<u>12/10/19</u>		<u><2</u>			
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				☒ Ice									
		☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD													
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													
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C				☐ Ice									
Notes: <u>D-Kit, Entero, Pest/Herb</u>															
Field ID: <u>G1SW0095</u> Site Name: <u>Mullet Creek Tidal at Park</u>															
Signature: <u>[Signature]</u>											Date: <u>4-16-19</u>				

LIMS EVENT ID: 2019-04-17-01

WIN Import ID: 15174

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

QC Station ID, Field Parameters In LIMS DMT: SM 12/19/2019

Scan/Save Field Sheets SM 01/07/2020

Migrate Data to WIN: SM 10/16/2019

Verify Data In WIN: SM 12/19/2019

(Initials/Date)

(Initials/Date)

(Initials/Date)

QA/QC Sample Information

Duplicate

2 of 2

Time Zone: EST CEN		Time: 1205		Field ID: G1SW0095	
(WIN ID_DUP)					
WIN DMT Activity ID:					
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-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☒ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF1B3 ☐ PCR-DG3 ☐ PCR-GFD				
Tracers	☐ W-E3821-MS ☐ W-E3821-DI				
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E-3821-MS ☐ W-CARB-AA				

Place Preservative Sticker(s) Here
(If Available)

Field ID: 
 G1SW0095_DUP
 Location: Moccasin Creek Tidal @ Park
 WIN ID: 
 G1SW0095

Blank

Time Zone: EST CEN		Time: _____		Field ID: _____	
(Blank Type_DDDMMYYYY)					
DI Source: _____					
Location: _____					
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank Equipment ID: _____					
WIN DMT Blank Batch ID:					
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			
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-F / W-TSS / TURBIDITY	☐ Ice			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-MS ☐ W-CARB-AA	☐ Other			
Notes: Place Label Here					
Signature: _____					Date: _____

LIMS EVENT ID: 2019-04-17-01

WIN Import ID: 15174

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 05/02/2019
(Initials/Date)QC Station ID, Field Parameters In LIMS DMT: SM 12/19/2019
(Initials/Date)Scan/Save Field Sheets SM 01/07/2020
(Initials/Date)Migrate Data to WIN: SM 10/16/2019
(Initials/Date)Verify Data In WIN: SM 12/19/2019
(Initials/Date)

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Mullet Tidal

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By:

J. Ashton

Project ID: SMP

Collected By: J. Ashton, B. Paswater

Sampling Agency:

FIDEP

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 4-16-19 Time 1200		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID/WIN G1SW0095		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.99		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
Site Name: Mullet Creek Tidal at Park		Temp (C) 24.8		pH 8.03		Sample Depth 0.2		☐ ft ☒ m		Sp. Conductance (umho/cm) 31427	
Latitude		☐ dd ☐ dms		Salinity (ppt) 19.55		Comments ENTERED DROPPED OFF BENCHMARK					
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date 4-16-19 Time 1205		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID G1SW0095_DUP		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		*A	
Location: Moccasin Creek Tidal @ Park		Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)	
WIN ID: G1SW0095		☐ dd ☐ dms		Salinity (ppt)		Comments *ENTERED DUP ONLY* ENTERED 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)			
WIN/STORET #		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/STORET #		Temp (C)		pH		Sample Depth		☐ ft ☐ m		Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	

Relinquished By:

J. Ashton

Date/Time

4-16-19 1200

Shipping Method

FED Ex

Number of Coolers Shipped:

2

Received By:

Date/Time

Group: A	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: 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	2
	SWD-AEL-EN SW-BEA-ENQ						
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						

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

RQ-2019-04-15-05

PD# B35040

Client Information:	FDEP
Address:	13051 N. TELECOM PKWY
	TAMPA 33607
Phone #	813-470-5772
Fax #	
Email	Judy.Ashman@dep.state.fl.us
Laboratory Submission #	19040745

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 ☐		
Field ID/WIN G1SW0095 		4-16-19	1200	1	250 ML	P	ICE	ENTERO	1
Site Name: Mullet Creek Tidal at Park									
Field ID:  G1SW0095_DUP		4-16-19	1205	1	250 ML	P	ICE	ENTERO	2
Location: Moccasin Creek Tidal @ Park									
WIN ID:  G1SW0095									

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 (SLDO).
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, premeasured 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 < 2.0 Temperature: 1.8°C

1	Collected By: J. Ashman	Date 4-16-19	Time 1205	Received By:	Date	Time
2	Relinquished By: J. Ashman	Date 4-16-19	Time 1325	Received By:	Date 04/16/19	Time 1330