FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified? Yes / (No)

WIN Station Name: G5SW0151 **Date:** 9-11-19 (mm/dd/yyyy)

WIN/ Field ID: McKay Tidal @ Mouth **WBID:** 1633 **Latitude:** _____ (Decimal Degrees)

County: Pinellas **ORG ID:** 21FLTPA **Longitude:** _____ (Decimal Degrees)

Receiving Body of Water: _____ **RQ-2019-** 09-09-19

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jason Ashton	✓	✓	✓		
Ben Albritton		✓	✓	✓	

Sampling Equipment

- [x] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other _____

Depth Measured with: Secchi

Equipment ID ____Secchi #1

Collection Method

- [ ] Wading [x] Canoe/Kayak
- [ ] From Shore [x] Electric Motor
- [ ] Other _____ [ ] Gasoline Motor

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded

Meter ID# CHSWY

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 (µmhos/cm)	Temp. (C°)
(EST)	1015	0.4	0.3	0.4	6.22	98.2	8.07	30.01	46491	30.8
				S						

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	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[ ] Ice [ ] H_2SO_4	SA9129100	05/09/20	[ ] <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			
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				

Contains: 1:1 H_2SO_4
Lot No: SA9129100
Expires: 05/09/20
See Safety Data Sheet (SDS)

Place Preservativ (If Ava

SULFURIC ACID <51%

Notes:

Field ID/WIN G5SW0151

Site Name: McKay Tidal @ Mouth

Signature: _____ Date: 9-11-19

LIMS EVENT ID: 2019-09-13-01 WIN Import ID: 157760

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 11/14/2019 QC Station ID, Field Parameters In LIMS DMT: SM 12/05/2019

Scan/Save Field Sheets SM 01/16/2020 (Initials/Date) Migrate Data to WIN: 12/05/2019 SM (Initials/Date) Verify Data In WIN: SM 01/16/2020 (Initials/Date)

Request Number: RQ-2019-09-09-19

McKay Tidal, 34th Basin, PP Ditch#1

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Collected By: J. Ashton, B. Ashton

Field Report Prepared By: Judy Ashton

Sampling Agency: FDEP

Location

Field ID/WIN: G5SW0152

Site Name: McKay Tidal South of Harbor Cir

Field:

WIN:

Latitude: ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 9-11-19 Time 1030 Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): B

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen: 5.81 ☐ mg/L ☑ % sat | Total Res. Chlorine (mg/L):

Temp (C): 31.2 | pH: 8.08 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 46168

Salinity (ppt): 29.49 | Comments: ENTERO ~~FECAL~~ ALGORES OK @ BENCHMARK

Location

Field ID/WIN: G5SW0151

Site Name: McKay Tidal @ Mouth

Field:

WIN:

Latitude: ☐ dd ☐ dms

☑ Comp ☐ Grab | Collection (comp begin or grab) Date 9-11-19 Time 1015 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen: 6.22 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 30.8 | pH: 8.07 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 46491

Salinity (ppt): 30.01 | Comments: ENTERO ~~FECAL~~ ALGORES OK @ BENCHMARK

Location

Field ID/WIN: G5SW0134

Site Name: PP Ditch#1 @ 71st St.

Field ID:

WIN/STA:

Latitude: ☐ dd ☐ dms

☒ Comp ☐ Grab | Collection (comp begin or grab) Date 9-11-19 Time 1120 Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen: 2.76 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 30.1 | pH: 7.83 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 4872

Salinity (ppt): 2.24 | Comments: ~~ENTERO~~ ENTERO ~~ENTERO~~ ALGORES OK @ BENCHMARK

Location

Field ID/WIN: G5SW0146

Site Name: 34th Street Basin @ 11 Ave S.

Field ID:

WIN/STA:

Latitude: ☐ dd ☐ dms

☑ Comp ☐ Grab | Collection (comp begin or grab) Date 9-11-19 Time 1200 Eastern Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen: 5.46 ☐ mg/L ☑ % sat | Total Res. Chlorine (mg/L):

Temp (C): 29.4 | pH: 7.39 | Sample Depth: 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm): 441.5

Salinity (ppt): 0.21 | Comments: ~~ENTERO~~ E. COLI ALGORES OK @ BENCHMARK

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J. Ashton	9-11-19 1600	FED EX	2		

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
	~~SW-AEL-ECQ~~	SW-BEA-[redacted] ECQ					
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:	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: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3
	ALKALINITY TURBIDITY W-BR-IC W-F W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3
	CHLSUITE-W						
Group: B	Bottle Type:	QPCR-P-500ML	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3

Group: B	Bottle Type:	QPCR-P-500ML	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3
PCR-BACR PCR-DG3 PCR-HF183							
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3
~~SW-AEL-ENQ~~	SW-BEA-ENQ						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	3
W-E8321-DI W-E8321-MS							
Group: B	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	3
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC							
Group: B	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	3
W-PO4-F							

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- 09-09-19

Laboratory Submission # 19090445

Sample Name	Sample Type[1] / Sample Matrix[2]	Collection		Container			Preservative[4]	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type[3]			
G55WO152 MCKAY TIDAL S. OF HARBOR CIR	SW	9-11-19	1030	1	250ML ~~120mL~~	P	Plain (on Ice)	ENTERO	1
G55WO151 MCKAY TIDAL @ MOUTH	SW	9-11-19	1015		250ML ~~120mL~~	P	Plain (on Ice)	ENTERO	2
G55WO134 PP DITCH #1 @ 71ST ST.	SW	9-11-19	1120		250ML ~~120mL~~	P	Plain (on Ice)	ENTERO	3
G55WO146 34TH STREET BASIN @ 11 AVE S.	SW	9-11-19	1200		250ML ~~120mL~~	P	Plain (on Ice)	E. COLI	4
	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 (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, pre-measured 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:
Temperature: 5.4°c

		Date	Time		Date	Time
1	Collected / Relinquished By: J. Ashton	9-11-19	1200	Received By:		
2	Relinquished By: J. Ashton	9-11-19	1325	Received By:	09/11/19	1325