



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / ☒ No

WIN Station Name: McKay Creek Tidal off Hickory

Date: 4-2-19
(mm/dd/yyyy)

WIN/ Field ID: G5SW0130

WBID: 1633

Latitude: 27.90647

(Decimal Degrees)

County: Pinellas

ORG ID: 21FLTPA

Longitude: -82.81722

(Decimal Degrees)

Receiving Body of Water: _____

RQ-2019- 04-01-07

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Judy Ashton					☒	☒	☒	☒	☒
Ben Pasutur					☒	☒	☒	☒	☒

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with: Secchi		
Equipment ID: <u>Secchi #1</u>		
Collection Method		
☐ Wading	☐ Canoe/Kayak	
☒ From Shore	☐ Electric Motor	
☐ Other	☐ Gasoline Motor	

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

Meter ID# CH901

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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1020	1.5	0.2	1.2	1.08	15.4	6.99	40171 → 26.11 ↑		24.2

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	SA8344070	12/10/19	☒ <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-CH-C / 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:

B-Kit, Entero, T & M & PCR filter

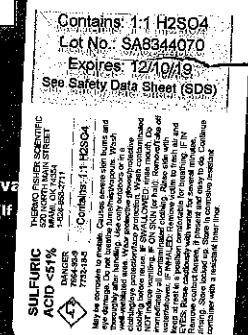
LIGHT RAIN

Signature: Judy Ashton Date: 4-2-19

LIMS EVENT ID: 2019-04-03-01 WIN Import ID: 12260

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 05/01/2019 QC Station ID, Field Parameters In LIMS DMT: SM 05/16/2019

Scan/Save Field Sheets: SM 07/22/2019 Migrate Data to WIN: SM 05/16/2019 Verify Data In WIN: SM 05/29/2019
(Initials/Date) (Initials/Date) (Initials/Date)



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

PO # B35040

Project Name: RQ-2019-04-01-07

Client Information:	FDEP
Address:	13051 N. TELECOM PKWY
	TAMPA, FL 33637
Phone #	813-470-5772
Fax #	
Email	judy.ashton@dep.state.fl.us
Laboratory Submission #	19040052

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 ☐		
G55WD130 MCKAY CREEK TIDAL ^K HICKEY SW	SW	4-2-19	1020	1	250 mL			ENTERO (Enterolert)	1
G55WD134 PP DITCH #1 @ 71 st ST.	SW	4-2-19	1130	1	250 mL			ENTERO (Enterolert)	2
G55WD146 34 th STREET BASIN @ 11 th AVE S.	SW	4-2-19	1210	1	250 mL			E. COLI	3

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 (SDMT), 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 for other 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:
Date 04/02/19 Time 1303

1	Collected By: JUDY ASHTON BEN PASWATER	Date 4-2-19	Time	Received By:	Date	Time
2	Relinquished By: JUDY ASHTON	Date 4-2-19	Time	Received By:	Date	Time

Request Number: RQ-2019-04-01-07

Florida Department of Environmental Protection
Central Laboratory Submittal Form

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last revised Jan 25, 2018

PP Ditch 1&5, 34th St., McKay Tidal

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By: Judy Ashton

Project ID: SMP

Collected By: J. Ashton, B. PashwaterSampling Agency: FDEP

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>4-2-19</u> Time <u>1210</u>		Eastern Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID/WIN G5SW0146		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>6.05</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
WI Site Name: 34th Street Basin @ 11 Ave S.		Temp (C) <u>24.3</u>		pH <u>6.78</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>504</u>			
Lat _____		☐ dd ☐ dms Salinity (ppt) <u>0.24</u>		Comments <u>E. COLI SHIPPED OUT D ALL BENCHMARK</u>							
Location		☒ Comp ☒ Grab		Collection (comp begin or grab) Date <u>4-2-19</u> Time <u>1130</u>		Eastern Central		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID/WIN G5SW0134		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>4.50</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B	
WIN Site Name: PP Ditch#1 @ 71st St.		Temp (C) <u>13.8</u>		pH <u>7.45</u>		Sample Depth <u>0.3</u>		Sp. Conductance (umho/cm) <u>8870</u>			
Lat _____		☐ dd ☐ dms Salinity (ppt) <u>4.95</u>		Comments <u>ENTERED SHIPPED OUT D ALL BENCHMARK</u>							
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>4-2-19</u> Time <u>1020</u>		Eastern Central		Composite end Date _____ Time _____		Bottle Group(s)	
Field ID/WIN G5SW0130		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>1.08</u>		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		B	
WIN/S Site Name: McKay Creek Tidal off Hickory		Temp (C) <u>24.2</u>		pH <u>6.99</u>		Sample Depth <u>0.2</u>		Sp. Conductance (umho/cm) <u>40171</u>			
Latitude _____		☐ dd ☐ dms Salinity (ppt) <u>26.11</u>		Comments <u>ENTERED SHIPPED OUT D ALL BENCHMARK</u>							
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		Sp. Conductance (umho/cm)			
Latitude _____		☐ dd ☐ dms Longitude _____		☐ dd ☐ dms Salinity (ppt)		Comments					

Relinquished By: <u>Judy Ashton</u>	Date/Time <u>4-2-19 1700</u>	Shipping Method <u>Fed Ex</u>	Number of Coolers Shipped: <u>1</u>	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:	QPCR-P-500ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	PCR-FILTER						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	SWD-AEL-EG <i>SW-BEA-BAQECQ</i> <i>DROPPED OFF 2 BENCHMARK</i>						
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: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY TURBIDITY W-F W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W						

Group: B	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: P-250ML-WI-THI SWD-AEL-EN SW-BLA-ENR	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2 DROPPED OFF 2 BENCHMARK
Group: B	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	
Group: B	Bottle Type: P-500ML W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: P-125ML W-PO4-F	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: QPCR-P-500ML PCR-FILTER	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: C	Bottle Type: P-250ML-WI-THI SWD-AEL-EC	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: C	Bottle Type: BG-500ML W-E8321-DI W-E8321-MS	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0