



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: McKAY TIDAL @ MOUTH

Date: 7-31-19
(mm/dd/yyyy)

WIN/ Field ID: G5SW0151

WBID: 1633

Latitude: _____

(Decimal Degrees)

County: Pinellas

ORG ID: 21FLTPA

Longitude: _____

(Decimal Degrees)

Receiving Body of Water: COM

RQ-2019- 07-29-20

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>July Abisaw</u> <u>Ben P. Bartsch</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>LEIA</u>					Matrix: Fresh / <u>Marine</u> / DI				
Photos: Yes / <u>No</u>		Flow: No Flow / Interstitial / Flowing / NA			Tide: Rising / <u>Falling</u> / Slack / NA			Tide Times: <u>High</u> / 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	1150	2.1	0.3		6.18	99.3	8.05	30.02	46568	31.9				
			1.6		6.41	102.5	8.03	31.08	47915	31.3				
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		SA9129100	05/09/20	☐ <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-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				☒ Ice								
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												
Notes: <u>B-KIT, ENTRO, T+M</u>														
Signature: <u>[Signature]</u>							Date: <u>7-31-19</u>							

LIMS EVENT ID: 2019-08-01-03

WIN Import ID: 14405

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 08/13/2019

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

Scan/Save Field Sheets SM 01/13/2020

Migrate Data to WIN: SM 09/05/2019

Verify Data In WIN: SM 01/13/2020

(Initials/Date)

(Initials/Date)

(Initials/Date)

Contains: 1:1 H2SO4
Lot No.: SA9129100
Expires: 05/09/20
See Safety Data Sheet (SDS)

Place Preserve (if)
SULFURIC ACID <51%
DANGER
Corrosive
May be corrosive to metals. Causes severe skin burns and eye damage. May damage aquatic life. Use only outdoors or in a well-ventilated area. Wear appropriate protective clothing (gloves, goggles, face shield). Wash contaminated skin immediately. If swallowed, drink water. If on skin (for full), remove all clothing immediately. If inhaled, move to fresh air. If in eyes, flush with water for 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Consult with a medical professional.

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SW-DIST

Requester: Judy Ashton

Field Report Prepared By:

Project ID: SMP

Collected By: Judy Ashton, Ben Pasmunke

Sampling Agency:

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 7-31-19 Time 1150		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID/WIN G5SW0151		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 6.18		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
Field ID		Temp (C) 31.9		pH 8.05		Sample Depth 0.3		Sp. Conductance (umho/cm) 46568			
WIN/S		☐ dd ☐ dms		Salinity (ppt) 30.02		Comments ENTERED DROPPED OFF 2 BENCHMARK					
Site Name: McKay Tidal @ Mouth											
Latitude											
Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 7-31-19 Time 1140		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID/WIN G5SW0152		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 102.1		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
Field ID		Temp (C) 32.0		pH 8.02		Sample Depth 0.3		Sp. Conductance (umho/cm) 45950			
WIN		☐ dd ☐ dms		Salinity (ppt) 29.62		Comments ENTERED DROPPED OFF 2 BENCHMARK					
Site Name: McKay Tidal South of Harbor Cir											
Latitude											
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)			
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)			

Relinquished By: J. Ashton	Date/Time 7-31-19 1600	Shipping Method Fed Ex	Number of Coolers Shipped: 2	Received By:	Date/Time
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Group: A	Bottle Type: P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY				
	TURBIDITY				
	W-BR-IC				
	W-F				
	W-TSS				
Group: A	Bottle Type: BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W				
Group: A	Bottle Type: QPCR-P-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	PCR-FILTER PCR-BACR, PCR-HA1B3, PCR-DG3				
Group: A	Bottle Type: P-250ML-WI-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	SWD-AEL-EN SW-BEA-ENQ				
Group: A	Bottle Type: BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	W-E8321-DI				
	W-E8321-MS				
Group: A	Bottle Type: P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				
Group: A	Bottle Type: P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F				

Benchmark EnviroAnalytical, Inc

1711 12th Street East

Palmetto, FL 34221

941-723-9986

941-723-6061 Fax

PO# B57BC6

RQ-2019-07-29-20

Project Name:

Client Information:		FDEP
Address:		13057 N. TELLCOVE AVE
		TAMPA, 33637
Phone #		813-470-5772
Fax #		
Email		judy.gsham@dep.state.fl.us, DEADWATER-MILL
Laboratory Submission #		19071518

Sample Name	Sample Type ¹ / Sample Matrix ²	Collection		Container			Preservative ⁴ Lab Preserved ☐	Parameters for Analysis	Laboratory Sample #
		Date	Time	Qty	Capacity	Type ³			
B55NO151 MCKAY TIDAL MOUTH	SW	7-31-19	1150	1	120mL	P	ICE	ENTERO	1
B55NO152 MCKAY TIDAL S. OF HARBOR	SW	7-31-19	1140	1	120mL	P	ICE	ENTERO	2

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 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.

1	Collected By:	J. B. HATTON	Date:	7-31-19	Time:	1150	Received By:		Date:		Time:	
2	Relinquished By:	J. B. HATTON	Date:	7-31-19	Time:	1415	Received By:	[Signature]	Date:	7-31-19	Time:	1415

Laboratory Sample Acceptability:	
pH < 2	Temperature: 4.8°C