



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2019

WIN Station Name: Alligator Harbor near clam beds

Date: 4/24/2019
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0025

WBID: 1256

Latitude: 29.9209

County: Franklin

ORG ID: 21FLTLHR

Longitude: -84.4346

Receiving Body of Water: Gulf of Mexico

RQ-2019-04.22.33
(Decimal Degrees)

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment						
Jr Wood Sade Butcher						X	X	X	X	X	☒ Sample Container	☐ Van Dorn	☐ Pole				
											☐ Carboy	☒ Syringe					
											☐ Dipper	☐ Other					
Depth Measured with						Y21											
Equipment ID						154177											
Collection Method																	
☐ Wading						☐ Canoe/Kayak											
☐ From Shore						☐ Electric Motor											
☐ Other						☒ Gasoline Motor											
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded						Meter ID# 154177						Matrix: Fresh / <u>Marine</u> / DI					
Photos: Yes / <u>No</u>						Flow: No Flow / Intertidal / <u>Flowing</u> / NA						Tide: Rising / Falling / Slack / NA					
Tide Times: High 519 Low 114																	
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)							
EST	1220	2.5	0.3	1.2	7.05	96.6	7.90	30.90	47415	22.1							
CEN	1223		2.0		6.82	93.4	7.89	30.89	47404	22.0							
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		8344070		12/10/19		☒ <2					
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3						☐ <2					
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 um Filter				☒ Ice											
Chlorophyll		☒ CHLSUITE-W				☒ Ice											
Physical/Aggregate (Fresh)		☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-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: bottle group: 0												Place Label Here					
Signature: [Signature]																	
Date: 4/24/19																	

LIMS EVENT ID: TLH-2019-04-24-01

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: JB 4/26/19

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets JB 4/26/19

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: 154177

RQ-

Project: SMP 2019

Notes: (1) Always wait for meter to stabilize before recording any readings.

(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).

(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 4/19

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	J. Burchett	4/24/19	802	19.9	758.3	9.1	9.09	99.8	-	0.99	☒ F	☒ F
ICV	"	✓	812	18.9	758.4	9.23	9.26	99.6	-	-	☒ F	☒ F
CCV			1540	25.4	757.3	8.2	8.19	1000	-	-	☒ F	☒ F
CCV											P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	4/24/19	804	18062C	07/19	1000	1000	☒ F	☒ F
ICV	"	✓	814	1805F81	05/20	100	101	☒ F	☒ F
CCV			1512	180621B	07/19	5000	51296	☒ F	☒ F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burchett	4/24/19	806	180103C	10/19	7.03	18.4	7.03	-48.1	☒ F	☒ F
Calibr.	"		808	180621D	07/19	4.00	18.8	4.00	1263	☒ F	☒ F
Calibr.	"		810	180621F	07/19	10.06	18.8	10.07	-214.9	☒ F	☒ F
ICV	"	✓	816	180621F	01/20	10.06	19.1	10.11	-218.2	☒ F	☒ F
CCV			1544	180621D	07/19	4.00	20.4	4.02	124.9	P / F	L / F
CCV										P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 $\pm$ 50;

mV pH 4 Range +180 $\pm$ 50;

mV pH 10 Range -180 $\pm$ 50;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 4/19

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	J. Burchett	4/24/19	800	0.000	0.000	☒ F	☒ F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

Requester: Michael Eckles

Field Report Prepared By: Don Roberts

Collected By:

Sampling Agency: 8034

Relinquished By: Jon Woods	Date/Time 4/24/19	Shipping Method H/D	Number of Coolers Shipped: 1	Received By: 	Date/Time 4/24/19	1532
-------------------------------	----------------------	------------------------	---------------------------------	---	----------------------	------

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	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
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
	W-ICP					
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	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
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab /
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					

Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: ECOLI-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4 8344070 exp. 12/10/19	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: ALKALINITY TURBIDITY W-BR-IC W-F W-TSS	P-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: ENT-24-QT	P-250ML-WO-THI	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: FCOLI-MF	P-250ML-WO-THI	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4 8344070 exp. 12/10/19	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	3