



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2019

WIN Station Name: **East Bay (Apalachicola)**Date: **5-2-19**

(mm/dd/yyyy)

WIN/ Field ID: **G2TLHR0027**WBID: **1274A**Latitude: **29.7339**

(Decimal Degrees)

County: **Franklin**ORG ID: **21FLTLHR**Longitude: **-84.9314**

(Decimal Degrees)

Receiving Body of Water: **Gulf of Mexico**RQ: **2019-04-29-70**

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment					
Paul Blair Van Woods						☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole			
											☐ Carboy	☒ Syringe				
											☐ Dipper	☐ Other				
Depth Measured with						Equipment ID										
												Collection Method				
☐ Wading						☐ Canoe/Kayak										
☐ From Shore						☐ Electric Motor										
☐ Other						☒ Gasoline Motor										
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded						Meter ID# 153484				Matrix: Fresh / <u>Marine</u> / DI						
Photos: Yes / <u>No</u>		Flow: No Flow / Intestinal / Flowing / <u>NA</u>				Tide: Rising / Falling / Slack / <u>NA</u>				Tide Times: High 15:25 Low 9:56						
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	14:35	2.3	0.3	0.8	8.71	108.5	7.71	1.4	2709	26.2						
CEN	14:40		0.1		7.80	105.7	8.07	18.02	29162	25.6						
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 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:																
Field/WIN ID →																
Location ↓						G2TLHR0027										
Signature: Paul Blair																
						EAST BAY										
						Date: 5-2-19										

LIMS EVENT ID: **TLH-RQC-2019-05-03-01**WIN Import ID: **12743**Enter Field Parameters, Verify Station ID In LIMS DMT: **CG 5-21-19**QC Station ID, Field Parameters In LIMS DMT: **PB 5-28-19**Scan/Save Field Sheets **CG 6-13-19**Migrate Data to WIN: **CG 6-13-19**

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Eckles

Collected By: Blair/Woods

Field Report Prepared By: Paul Blair

Sampling Agency: 8034

Location	Field/WIN ID →	 G2TLHR0026		Collection (comp begin or grab)	Comp Date	Collection Date	Time	Composite end	Eastern Central	Time	Bottle Group(s)
Field ID	Location ↓	 APALACHICOLA BAY CENTER		Matrix (type, e.g., Salt, Fresh, etc)	Temp (C)	pH	Diss. Oxygen	Total Res. Chlorine	☒ mg/L	☐ % sat	B
WIN/ST				Temp (C)	24.9	7.32	7.38	0.3	254.2		
Latitude				Salinity (ppt)	0.12						
Location	Field/WIN ID →	 G2TLHR0027		Collection (comp begin or grab)	Comp Date	Collection Date	Time	Composite end	Eastern Central	Time	Bottle Group(s)
Field ID	Location ↓	 EAST BAY		Matrix (type, e.g., Salt, Fresh, etc)	Temp (C)	pH	Diss. Oxygen	Total Res. Chlorine	☒ mg/L	☐ % sat	C
WIN/ST				Temp (C)	26.2	7.71	8.71	0.3	2709		
Latitude				Salinity (ppt)	1.4						
Location	Field ID			Collection (comp begin or grab)	Comp Date	Collection Date	Time	Composite end	Eastern Central	Time	Bottle Group(s)
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Temp (C)	pH	Diss. Oxygen	Total Res. Chlorine	☐ mg/L	☐ % sat	
Latitude				Temp (C)							
Longitude				Salinity (ppt)							
Location	Field ID			Collection (comp begin or grab)	Comp Date	Collection Date	Time	Composite end	Eastern Central	Time	Bottle Group(s)
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)	Temp (C)	pH	Diss. Oxygen	Total Res. Chlorine	☐ mg/L	☐ % sat	
Latitude				Temp (C)							
Longitude				Salinity (ppt)							

Relinquished By: Blair	Date/Time: 5-2-19 5:21 PM	Shipping Method: hand	Number of Coolers Shipped:	Received By: HK	Date/Time: 5-2-19 16:55
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Group: A	Bottle Type:	P-1L	# of Bottles: 3	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: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUTE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLL-18QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	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: 3	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-BR-IC					
	W-F					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUTE-W					
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ENT-24-QT					
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	FCOLL-MF					

Group: D	Bottle Type:	P-1L	# of Bottles: 2	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: D	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: D	Bottle Type:	P-250ML-WO-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ECOLI-18QT					
Group: D	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
	W-ICP					
	W-ICPMS					
Group: D	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: D	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP						
	W-ICPMS						
Group: B	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: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: C	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: C	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ENT-24-QT						
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	FCOLI-MF						
Group: C	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: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: D	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	

834405b

8344070

8344070

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: 153464

RQ: 2019-04-29-75

Project: SMP1905

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 4/2019

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.	Jon Woods	5/2/19	814	20.2	762.6	9.0	9.07	100.1	—	1.04	P / F	L / F
ICV	"	"	830	22.2	760.7	8.7	8.69	99.9	—	—	P / F	L / F
CCV	"	"	1559	24.7	757.7	8.31	8.40	101.1	—	—	P / F	L / 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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Jon Woods	5/2/19	816	80621C	7/2019	1000	1000	P / F	L / F
ICV	"	"	828	2808884	7/2020	100	104	P / F	L / F
CCV	"	"	1601	140621B	7/2019	50.000	50910	P / F	L / 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.	Jon Woods	5/2/19	819	140403C	10/2019	7.02	21.0	7.02	-36.3	P / F	L / F
Calibr.	"	"	822	18021D	7/2019	4.00	21.2	4.00	139.6	P / F	L / F
Calibr.	"	"	825	140621F	1/2020	10.04	21.2	10.04	-204.1	P / F	L / F
ICV	"	"	827	"	"	10.0	21.2	10.01	-203.8	P / F	L / F
CCV	"	"	1602	140621D	7/2019	4.00	21.2	4.06	135.4	P / F	L / F
CCV										P / F	L / F

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

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

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 167.4, slope from 4 to 7 175.9 (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: 4/2019

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	Jon Woods	5/21/19	826	0.00	0.00	P / F	L / F

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

COMMENTS:

