FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: Apalachicola Bay 1200m south of US98 Bridge **Date:** 05/07/2018 (mm/dd/yyyy)

WIN/ Field ID: G2TLHR0035 **WBID:** 1274 **Latitude:** 29.71057 (Decimal Degrees)

County: Franklin **ORG ID:** 21FLTLHR **Longitude:** -84.978347 (Decimal Degrees)

Receiving Body of Water: NA **RQ-2018-** 04-30-25

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Butchott	✓		✓		
J. Tolbert		✓		✓	✓

Sampling Equipment
- ☑ 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 / (Normal) / High / Flooded **Meter ID#** E103 **Matrix:** (Fresh) / Marine / DI

Photos: Yes / (No) **Flow:** No Flow / Intestital / (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)	1055	3.7	0.3	1.1	7.20	86	7.27	23.92	37.09	23.79
CEN	1100		3.2		5.13	71	7.80	24.05	37.895	23.76

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 ☐ H_2SO_4	SA72330	8/21/18	☑ <2
Metals	☐ W-ICPMS ☑ W-ICP	☑ Ice ☐ HNO_3	NA7341010	12/7/18	☐ <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-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-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Place Preservative Sticker(s) Here (If Available)

Notes: Used 2 btls of nitric acid D-b (Spilled ½ of 1st btl)

Field/WIN ID → G2TLHR0035

Location ↓ Apalachicola Bay 1200m south of US98 Bridge

Signature: [signature] 5/24/18 **Date:** 05/07/18

Enter Field Parameters, Verify Station ID In LIMS DMT: [illegible] 5/24/18 JB (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: [illegible] 5/24/18 (Initials/Date)

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

Request Number: RQ-2018-04-30-25

kit D-b (WBID 1274 Apalachicola Bay)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By: J. Tolbert, J. Burtchett

Field Report Prepared By: 86034

Sampling Agency: J. Burtchett

Location Apalachicola Bay 1200m south of US98 Bridge

Field ID — Field/WIN ID → G2TLHR0035

WIN/STO — Location ↓

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 05/07/18 Time 1055 Eastern Central | Composite end Date — Time —

Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh Salt

Diss. Oxygen: 7.20 ☑ mg/L ☐ % sat

Total Res. Chlorine (mg/L): —

Temp (C): 23.79

pH: 7.27

Sample Depth: 0.3 ☐ ft ☑ m

Sp. Conductance (umho/cm): 37709

Salinity (ppt): 23.92

Comments:

Location Apalachicola Bay near St. George Island

Field ID — Field/WIN ID → G2TLHR0036

WIN/ST — Location ↓

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☑ Comp ☑ Grab | Collection (comp begin or grab) Date 05/07/18 Time 1155 Eastern Central | Composite end Date — Time —

Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Salt

Diss. Oxygen: 8.41 ☑ mg/L ☐ % sat

Total Res. Chlorine (mg/L): —

Temp (C): 24.71

pH: 8.14

Sample Depth: 0.3 ☐ ft ☑ m

Sp. Conductance (umho/cm): 25461

Salinity (ppt): 15.52

Comments:

Location

Field ID

WIN/STORET #

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time Eastern Central | Composite end Date Time

Bottle Group(s)

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen ☐ mg/L ☐ % sat

Total Res. Chlorine (mg/L)

Temp (C)

pH

Sample Depth ☐ ft ☐ m

Sp. Conductance (umho/cm)

Salinity (ppt)

Comments:

Location

Field ID

WIN/STORET #

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time Eastern Central | Composite end Date Time

Bottle Group(s)

Matrix (type, e.g., Salt, Fresh, etc)

Diss. Oxygen ☐ mg/L ☐ % sat

Total Res. Chlorine (mg/L)

Temp (C)

pH

Sample Depth ☐ ft ☐ m

Sp. Conductance (umho/cm)

Salinity (ppt)

Comments:

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By	Date/Time
JB, JT	05/07/18 1:35	HD	1		5/7/18 14:00

Group: A	Bottle Type: P-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab 2		
	ALKALINITY TURBIDITY W-F W-TSS					
Group: A	Bottle Type: BP-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab 2		
	CHLSUITE-W					
Group: A	Bottle Type: P-250ML-WO-THI	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab 2		
	ENT-24-QT					
Group: A	Bottle Type: P-120ML-OC	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab 2		
	FCOLI-MF					
Group: A	Bottle Type: P-500ML	# of Bottles: 4	Preservative: HNO3	Enter Number of Bottles Sent to Lab 2		
	W-ICP W-ICPMS					
Group: A	Bottle Type: P-500ML	# of Bottles: 4	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: 4	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab 2		
	W-PO4-F					

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

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

Meter ID: Exo 3 RQ- Project: SMP 2018

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.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 4/17

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	J. Burchett	5/7/18	756	22.4	8.68	8.69	100	-	1.06	P / F	L / F
ICV	↓	↓	806	20.5	9.00	9.01	100	-	-	P / F	L / F
CCV			1400	24.4	8.29	8.31	100	-	-	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; 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 µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	5/7/18	758	180162	01/19	1000	1000	P / F	L / F
ICV	↓	↓	808	2710781	04/19	100	96	P / F	L / F
CCV			1402	M0630C	07/18	50,000	49326	P / F	L / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burchett	5/7/18	400	171121A	06/19	7.0	7.0	-35.4	P / F	L / F
Calibr.	↓	↓	402	180160	01/19	4.0	4.0	139.8	P / F	L / F
Calibr.			404	180221E	04/19	10.0	10.0	-205.7	P / F	L / F
ICV			810	180221E	04/19	10.0	10.0	-207.0	P / F	L / F
CCV			1404	180116D	01/19	4.0	4.0	139.9	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 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded: slope from 7 to 10 170.3, slope from 4 to 7 175.2 (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification 4/17

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						P / F	L / F

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

COMMENTS: