



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Apalachicola Bay near St. George Island

Date: 05/07/2018
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0036

WBID: 1274

Latitude: 29.68034

(Decimal Degrees)

County: Franklin

ORG ID: 21FTLHR

Longitude: -84.874985

(Decimal Degrees)

Receiving Body of Water: NA

RQ-2018-04-30-25

Sampling Team Members

WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
☒	☒	☒	☒	☒

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# EX-3

Matrix: Fresh ☒ Marine ☐ DI

Photos: Yes / ☒ No

Flow: No Flow / Intertidal ☒ 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	1155	1.6	0.3	1.2	8.41	111	8.18	15.52	2546	24.71
CEN	1200		1.1		8.40	111	8.21	15.54	2550	24.70

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	SA7233030	8/21/14	☒ <2
Metals	☒ W-ICPMS ☐ W-ICP	☒ Ice ☐ HNO3	NA724160	12/7/14	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☐ Ice			
Chlorophyll	☒ CHL-SUITE-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:

D-b

Field/WIN ID →



G2TLHR0036

Location ↓

Apalachicola Bay near St. George Island

Signature: [Signature]

Date: 05/07/18

Enter Field Parameters, Verify Station ID In LIMS DMT:

(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

kit D-b (WBID 1274 Apalachicola Bay)

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Chris Green

Collected By:

Field Report Prepared By: 78030

Sampling Agency:

Location	Field/WIN ID →		Location ↓		Apalachicola Bay 1200m south of US98 Bridge		dd dms		ams	
Field ID	G2TLHR0035									
WIN/STORE										
Latitude										
Bottle Group(s) (See pg 2)										
Composite end										
Date										
Time										
Eastern Central										
mg/L Total Res. Chlorine										
% sat										
ft Sp. Conductance (umho/cm)										
m										
37209										
A										
dd dms										
ams										
Location	Field/WIN ID →		Location ↓		Apalachicola Bay near St. George Island		dd dms		ams	
Field ID	G2TLHR0036									
WIN/STORE										
Latitude										
Bottle Group(s)										
Composite end										
Date										
Time										
Eastern Central										
mg/L Total Res. Chlorine										
% sat										
ft Sp. Conductance (umho/cm)										
m										
25461										
A										
dd dms										
ams										
Location	Field/WIN ID →		Location ↓		Apalachicola Bay near St. George Island		dd dms		ams	
Field ID	G2TLHR0036									
WIN/STORE										
Latitude										
Bottle Group(s)										
Composite end										
Date										
Time										
Eastern Central										
mg/L Total Res. Chlorine										
% sat										
ft Sp. Conductance (umho/cm)										
m										
37209										
A										
dd dms										
ams										

Relinquished By: JB, JT	Date/Time 05/07/18: 135	Shipping Method HD	Number of Coolers Shipped:	Received By JD	Date/Time 5/7/18 14:00
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Group: A	Bottle Type: ALKALINITY TURBIDITY W-F W-TSS	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: ENT-24-QT	P-250ML-WO-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: FCOLI-MF	P-120ML-OC	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2

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 name.

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. Burdett	5/7/14	756	22.4	8.68	8.69	100	-	1.06	P/F	L/F
ICV	↓	↓	406	20.5	9.00	9.01	100	-	-	P/F	L/F
CCV	↓	↓	1400	24.8	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 μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burdett	5/7/14	758	180163	01/14	1000	1000	P/F	L/F
ICV	↓	↓	808	271078	09/14	100	96	P/F	L/F
CCV	↓	↓	1402	170630	07/14	50,000	49320	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	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burdett	5/7/14	400	171121A	06/14	7.0	7.0	-35.4	P/F	L/F
Calibr.	↓	↓	802	180160	04/14	4.0	4.0	139.8	P/F	L/F
Calibr.	↓	↓	804	180221E	04/14	10.0	10.0	-205.7	P/F	L/F
ICV	↓	↓	810	180221E	04/14	10.0	10.0	-207.0	P/F	L/F
CCV	↓	↓	1404	180160	01/14	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 $+180 \pm 50$;

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 $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: