



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Apalachicola Bay near St. George Island

Date: 7/5/2018
(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						
Jon Woods Jade Buckhead						X	X	X	X	X	☒ 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#						Matrix: Fresh / Marine / DI					
Photos: Yes / No						Flow: No Flow / Intertidal / Flowing / NA						Tide: Rising / Falling / Slack / NA			Tide Times: High 935 Low 330		
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	1/20	1.3	0.3	1.0	5.93	89.8	8.09	26.96	42160	29.1							
CEN																	
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	8101020	4/11/19	☒ <2							
Metals	☒ W-ICPMS ☒ W-ICP						☒ Ice ☒ HNO3	8099110	4/9/19	☒ <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-CH-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										

Notes:

D-b

Place Label Here

Signature: Jon Woods

Date: 7/5/18

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

Relinquished By: SW	Date/Time 7/5/18 135	Shipping Method HD	Number of Coolers Shipped: 1	Received By: 	Date/Time 7-5-18 135
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Contains
1:1
Nitric Acid
NA-8099110
EXP: 04/09/19
See SDS

Cooler Packing Worksheet for Request: RQ-2018-04-30-25

kit D-b (WBID 1274 Apalachicola Bay)

Ship Cooler On: 4/26/2018

Customer/Project: TLH-ROC/SMP

Assigned To: REYNOLDS_T

Requester: Chris Green

Priority: 3

850-245-8453

2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Chris Green

Comments:

No preservatives needed.

Requested Analyses:

Bottle Group: A

of Sites: 4

Container ID: P-1L

Qty: 4 Preservation: ICE

Lot # 000 70681

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-F

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO₃/L

Turbidity in aqueous matrices

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 4 Preservation: ICE

Lot # 1219444

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-250ML-WO-THI

Qty: 4 Preservation: ICE

Lot # 617048

Description:

Analysis

ENT-24-QT

Description

Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems

Container ID: P-120ML-OC

Qty: 4 Preservation: ICE

Lot # CF21-TN

Description:

Analysis

FCOLI-MF

Description

Fecal coliforms by membrane filter method - non-chlorinated water systems

Container ID: P-500ML

Qty: 4 Preservation: HNO3

Lot # 00064947

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 4 Preservation: ICE And H2SO4

Lot # 00064947

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 4 Preservation: FILTER-ICE

Lot # 000649732

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By:

Tyler H.

Number of Coolers:

2

Date:

04/23/18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

If Preservation Included:

ID	Exp	Lot #
ID	Exp	Lot #
ID	Exp	Lot #
ID	Exp	Lot #
ID	Exp	Lot #

PLEASE RETURN ALL COOLERS FOR RQ-2018-04-30-25

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 nap.

Meter ID: 154177 RQ: Project: 5mp2014

- 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 6/18

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	7/5/18	802	22.2	8.71	8.71	100	-	1.01	P/F	L/F
ICV	↓	↓	812	21.4	8.85	8.82	100	-	-	P/F	L/F
CCV	↓	↓		25.6	8.03	8.19	100	-	-	P/F	L/F
CCV					8.17					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. Burchett	7/5/18	804	180103A	04/19	1000	1000	P/F	L/F
ICV	↓	↓	814	2802833	01/20	100	100	P/F	L/F
CCV	↓	↓		176306	07/18	50000	49013	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. Burchett	7/5/18	806	171121A	06/19	7.0	7.0	-2.7	P/F	L/F
Calibr.	↓	↓	808	800160	01/19	4.0	4.0	171.6	P/F	L/F
Calibr.	↓	↓	810	180221E	04/19	10.0	10.0	-175.8	P/F	L/F
ICV	↓	↓	816	180221E	04/19	10.0	10.0	-176.0	P/F	L/F
CCV	↓	↓		180160	07/18	4.0	4.0	123	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 1, slope from 4 to 7 1 (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 7/18

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:

