



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Apalachicola Bay 1200m south of US98 Bridge

Date: 7/5/2016
(mm/dd/yyyy)

WIN/ Field ID: G2TLHR0035

WBID: 1274

Latitude: 29.71057

(Decimal Degrees)

County: Franklin

ORG ID: 21FTLHR

Longitude: -84.978347

(Decimal Degrees)

Receiving Body of Water: NA

RQ-2018-04-36-25

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
In woods Jade Butcher						+	x	x	x	x	☒ Sample Container	☐ Van Dorn	☐ Pole		
											☐ Carboy	☒ Syringe			
											☐ Dipper	☐ Other			
											Depth Measured with				
											Equipment ID: RD DSS 154176				
											Collection Method				
											☐ Wading	☐ Canoe/Kayak			
											☐ From Shore	☐ Electric Motor			
											☐ Other	☒ Gasoline Motor			
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded						Meter ID# RD DSS 154176			Matrix: Fresh / Marine / DI						
Photos: Yes / No						Flow: No Flow / Intestinal / Flowing / NA			Tide: Rising / Falling / Slack / NA			Tide Times: High 930 Low 0330			
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	1030	1.1	0.3	0.5	6.63	67.5	7.59	1.45	2956	28.3					
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-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					☐ Ice									
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other									

Notes:

D-b

Place Label Here

Signature:

Date: 7/5/2016

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)

Customer: TLH-ROC

Requester: Chris Green

Field Report Prepared By:

Project ID: SMP

Collected By:

Woods/Butchert

woods

Sampling Agency:

[illegible]

Relinquished By: SW	Date/Time 7/5/13 1351	Shipping Method HD	Number of Coolers Shipped: 1	Received By: 	Date/Time 7-5-18 13:5
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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
	CHLSUTE-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	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						

Contains: 1:1 H2SO4
 Lot No.: SA8101020
 Expires: 04/11/19
 See Safety Data Sheet (SDS)

Contains
 1:1
 Nitric Acid
 NA - 8099110
 EXP: 04/09/19
 See SDS

Warning: This material is highly corrosive and may cause severe skin burns and eye damage. It may also be harmful to the environment. Handle with care and wear appropriate PPE. In case of contact with skin, wash immediately with plenty of water. For more information, see the Safety Data Sheet (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 # 00069732

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 page.

Meter ID:

159177

RQ:

Project:

Snp2018

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	D/F
ICV	↓	↓	812	21.4	8.85	8.82	100	-	-	P/F	D/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.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

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

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	D/F
ICV	↓	↓	814	2802833	01/20	100	100	P/F	D/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	D/F
Calibr.	↓	↓	808	800160	01/19	4.0	4.0	171.6	P/F	D/F
Calibr.	↓	↓	810	180221E	04/19	10.0	10.0	-175.8	P/F	D/F
ICV	↓	↓	816	180221E	04/19	10.0	10.0	-176.0	P/F	D/F
CCV	↓	↓		1801100	04/19	4.0	4.0	172.3	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:

