

RQ-2019-10-14-21

Field Personnel processing steps

☐ New Field IDs created (when using a new station) Date: _____ initials: _____ ☒ NA

☐ Create entry in SMPStationCreationFile if new station is used

\\Fidep1\wqap\NW ROC\TMDL\WIN_Station Creation

☒ Date sampled Date: 10/17/19 initials: LM

☒ Update "SMP Tracker" Date: 10/18/19 initials: LM

☒ Photos put into archive Date: 10/18/19 initials: LM ☐ NA

☒ Copy of Calibration Log for YSI used

☒ Field Sheets initialed/dated @ "Scan/Save Field Sheets" then scanned and saved into:

Scans_ToBeProcessed Date: 10/18/19 initials: LM

Scan order; Cover Sheet, Calibration Log, Field Sheets, Tallahassee Submittal Sheets, Overflow Lab COC

☒ Update "Data Tracker"

\\publicfiles\pubfds\DEAR\WQAPmonitoring\StrategicMonitoring\2019\21FLPNS

Ready for folder system (top)

LIMS processing (to be completed by LIMS data personnel) (MC)

☐ Field parameters entered into LIMS Date: _____ initials: _____

☐ Digital RQ packet put into

SMP 2019/Data/Scanned Field Sheets Date: _____ initials: _____

☐ Digital field Sheets put into archive Date: _____ initials: _____

☐ Date submitted for QA/QC Date: _____ initials: _____

☐ Update "Data Tracker"

Database processing (Cheryl)

☐ Field parameters QA/QC in LIMS Date: _____ initials: _____

☐ Lab results put into archive (CB) Date: _____ initials: _____

☐ Data migrated to WINS Date: _____ initials: _____

☐ Update "Data Tracker"

Notes:

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

Meter ID: 154179

RQ: 2019-10-14-21

Project: 5MP

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

- 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 6/13/19

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.											P / F	L / F
ICV											P / F	L / F
CCV	NM	10/17/19	0715	23.2	765	8.6	8.59	99.8			P / F	L / F
CCV	MC	✓	13:30	16.5	764	9.4	9.47	100.5			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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	NM	10/17/19	0718	190116A	1/20	1000	1000	P / F	L / F
ICV	✓		0720	190118A	6/20	100	103	P / F	L / F
CCV	MC	✓	13:32	190116A	1/20	1,000	1050	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.	NM	10/17/19	0724	281803	10/20	7.	23.3	7.0		P / F	L / F
Calibr.			0726	2902818	1/21	4.	23.3	4.0	103.3	P / F	L / F
Calibr.			0728	4104E09	9/20	10.	23.3	10.0		P / F	L / F
ICV	✓		0730	2902818	1/21	4.0	23.2	4.00	103.0	P / F	L / F
CCV	MC	✓	13:34	281803	10/20	7.0	21.9	7.07	-70.6	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 _____, slope from 4 to 7 _____ (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: _____

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: 6/13/19

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	NM	10/17/19	0734	0.00	0.0	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:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / ☒ No

WIN Station Name:

Choctawhatchee River upstream Hwy 90 boat ramp

Date:

10/17/19
(mm/dd/yyyy)

WIN/ Field ID: G3NW0052

WBID: 49

Latitude: 30.77601496

(Decimal Degrees)

County: Walton

ORG ID: 21FLPNS

Longitude: -85.82730889

(Decimal Degrees)

Receiving Body of Water: Choctawhatchee Bay

RQ-2019- 10-14-21

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
N M									
M C									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with Prods		
Equipment ID		

Collection Method		
☒ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ ☒ Low / Normal / High / Flooded

Meter ID# 45179

Matrix: ☒ Fresh / ☐ Marine / ☐ DI

Photos: Yes / ☒ No

Flow: No Flow / Intestinal / ☒ 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	9:45	0.6	0.3	0.5	8.00	91.5	6.63	0.08	161.0	22.3
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-NO2-NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	SA9129100	5/20	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	16918633		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-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 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CAR8-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Notes: B

Field/WIN ID: G3NW0052

Location: Choctawhatchee River upstream Hwy 90 boat ramp

Signature: [Signature] Date: 10/17/19

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:

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



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name:

East Pittman Creek upstream of Hwy 179

Date:

10/17/19
(mm/dd/yyyy)

WIN/ Field ID: G3NW0157

WBID: 55

Latitude: 30.95087

County: Holmes

ORG ID: 21FLPNS

Longitude: -85.812198

Receiving Body of Water: Choctawhatchee River

RQ-2019-10-14-2

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
NM					X			
MC				X		X		X

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with Prods		
Equipment ID		

Collection Method		
☒ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# 145179

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / 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 (umhos/cm)	Temp. (C°)
EST	10:20	0.1	0.05	0.1	8.29	69.0	5.63	0.02	50.4	19.1
CEN				5"						

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	SA9129100	5/20	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice	16918633		
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 Coll ☐ F Coll ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Notes:

B

Field/WIN ID



G3NW0157

Location:

East Pittman Creek upstream of Hwy 179

Signature:

Myranda Chaffin

Date:

10/17/19

LIMS EVENT ID:

WIN Import ID:

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:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Limestone Branch upstream of Mt. Ida Rd

Date: 10/12/19
(mm/dd/yyyy)

WIN/ Field ID: G3NW0023

WBID: 94

Latitude: 30.94755

County: Holmes

ORG ID: 21FLPNS

Longitude: -85.86685
(Decimal Degrees)

Receiving Body of Water: Choctawhatchee River

RQ-2019-10-14-21
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
NM MC					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole		
										☐ Carboy	☒ Syringe	☐ Dipper	☐ Other	
Depth Measured with					PRODSS					Equipment ID				
										Collection Method				
					☒	☐	☐	☐	☐	☒ Wading	☐ Canoe/Kayak			
										☐ From Shore	☐ Electric Motor			
										☐ Other	☐ Gasoline Motor			
Water Level: Dry/ Pooled/ ☒ Low / Normal / High / Flooded					Meter ID# 145179					Matrix: ☒ Fresh / Marine / DI				
Photos: Yes / ☒ No					Flow: No Flow / Intestinal / ☒ 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	10:40	0.1	0.05	0.1	8.30	87.7	6.82	0.12	246.2	18.4				
CEN				"S"										
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		SA9129100	5/20	☒ <2			
Metals		☒ W-ICPMS ☒ W-ICP					☒ Ice ☒ HNO3		NA9129010	5/20	☒ <2			
Filtered Nutrients		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice		10918633					
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 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD					☐ Ice							
Tracers		☐ W-E8321-DI ☐ W-E8321-MS					☐ Ice							
Pesticides		☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA					☐ Ice							
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C												

Notes:

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Field/WIN ID



G3NW0023

Location:

Limestone Branch upstream of Mt. Ida Rd

Signature:

[Handwritten Signature]

Date: 10/12/19

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

Request Number: RQ-2019-09-09-47 10-14-21

Florida Department of Environmental Protection

Central Laboratory Submittal Form

~~PENSACOLA RIVER~~
Holmes Run
Customer: NW-DIST
Project ID: SMP

Requester: Michael King

Field Report Prepared By: M. Clark

Collected By: Nathan Mulkey

Sampling Agency: NWROL

Location	Field/WIN ID		G3NW0052		☐ Comp ☒ Grab		Collection (comp begin or grab)	Date 10/17/19	Time 9:45	Eastern (Central)	Composite end	Date	Time	Bottle Group(s)
Field ID	Location:		Choctawhatchee River upstream Hwy 90 boat ramp		Temp (C) 22.3		pH 6.63	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 161.0	Diss. Oxygen 8.00		☐ mg/L ☐ % sat	Total Res. Chlorine
WIN/S	Latitude		☐ dd ☐ dms		Salinity (ppt) 0.06		Comments							
Location	Field/WIN ID		G3NW0157		☐ Comp ☒ Grab		Collection (comp begin or grab)	Date 10/17/19	Time 10:20	Eastern (Central)	Composite end	Date	Time	Bottle Group(s)
Field ID	Location:		East Pittman Creek upstream of Hwy 179		Temp (C) 19.1		pH 5.63	Sample Depth 0.05	☐ ft ☒ m	Sp. Conductance (umho/cm) 50.4	Diss. Oxygen 8.29		☐ mg/L ☐ % sat	Total Res. Chlorine
WIN/S	Latitude		☐ dd ☐ dms		Salinity (ppt) 0.02		Comments							
Location	Field/WIN ID		G3NW0023		☐ Comp ☒ Grab		Collection (comp begin or grab)	Date 10/17/19	Time 10:40	Eastern (Central)	Composite end	Date	Time	Bottle Group(s)
Field ID	Location:		Limestone Branch upstream of Mt. Ida Rd		Temp (C) 18.4		pH 6.82	Sample Depth 0.05	☐ ft ☒ m	Sp. Conductance (umho/cm) 246.2	Diss. Oxygen 8.30		☐ mg/L ☐ % sat	Total Res. Chlorine
WIN/S	Latitude		☐ dd ☐ dms		Salinity (ppt) 0.12		Comments							
Location	Field/WIN ID				☐ Comp ☐ Grab		Collection (comp begin or grab)	Date	Time	Eastern (Central)	Composite end	Date	Time	Bottle Group(s)
Field ID	Matrix (type, e.g., Salt, Fresh, etc)				Temp (C)		pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	Diss. Oxygen		☐ mg/L ☐ % sat	Total Res. Chlorine
WIN/S	Latitude		☐ dd ☐ dms		Salinity (ppt)		Comments							

Relinquished By: N. Mulkey	Date/Time 10/17/19 15:00	Shipping Method FedEx	Number of Coolers Shipped: 1	Received By:	Date/Time
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Sampler's initials : ME/IV/A

Page 1 of 1

Date/Time: 19/17/19 1242

Date/Time: 10/17/19 11292

[illegible]

Contact name: Mike King Phone: (850) 595-8300

Sampler's name: N. Mulken

³ Recorded using IRT-2

\\Fdep1\Idear\WQAP\Regional Operations\Centennial\North@CTMDL\SMP 2019\Field Sheets and Labels\Holmes Run\WVF Sample transmittal form_add RQ