

RQ-2019-11-18-30

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: 11/26/19 initials: NM

☒ Update "SMP Tracker" Date: 11/27/19 initials: NM

☐ Photos put into archive Date: _____ initials: _____ ☒ NA

☒ Copy of Calibration Log for YSI used

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

Scans_ToBeProcessed Date: 11/27/19 initials: NM

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:

cooler held up in Memphis ahead of Thanksgiving

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

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

Meter ID:

154179

RQ-

2019-11-18-30

Project:

SMP

- 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

10/17/19

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	MIKE KING	11/26/19	0705	21.4	764.0	8.9	8.74	98.6			(P) F	(L) F
CCV	M	11/27/19	0830	21.8	767.5	8.9	8.91	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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	M	11/26	0707	190618C	06/2020	10000	9999	(P) F	(L) F
ICV	M	11/26	0708	190618C	06/2020	1000	1010	(P) F	(L) F
CCV	M	11/27	0835	180517A	01/2020	100	103.2	(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.	M	0710	11/26	190405E	10/2020	7.62	21.5	7.02	-71.2	(P) F	(L) F
Calibr.		0711		490212S	02/2021	4.00	21.9	4.00	91.4	(P) F	(L) F
Calibr.		0712		4904009	09/2020	10.04	21.8	10.04	239.1	(P) F	(L) F
ICV		0714		490212S	02/2021	4.0	21.9	3.98	92.2	(P) F	(L) F
CCV	M	0840	11/27	4904009	09/2020	10.0	21.8	10.08		(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 10 167.9, slope from 4 to 7 162.5 (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: 10/17/19

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

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	M	11/26	0720	0.000	0.000	(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: Gum Creek upstream of River Rd

Date: 11/26/2019
(mm/dd/yyyy)

WIN/ Field ID: G3NW0439

WBID: 239

Latitude: 30.716560

County: Washington

ORG ID: 21FLPNS

Longitude: -85.798608

Receiving Body of Water: Choctawhatchee River

RQ-2019: 10-14-21 11-18-30
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
MIKE King Nathan Murren										☐ 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 / <u>Flooded</u> / Low / Normal / High / Flooded					Meter ID# 15471					Matrix: Fresh / Marine / DI				
Photos: <u>Yes</u> / No					Flow: <u>No Flow</u> / Intertidal / <u>Flowing</u> / NA					Tide: Rising / Falling / Slack / <u>NA</u>				
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	0940	0.3	0.2	VDB	6.36	57.1	3.89	0.02	39.7	10.9				
CEN														
Biological Samples Collected: <u>None</u> 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	9/29/00	5/9/20	☒ <2					
Metals	☐ W-ICPMS ☒ W-ICP					☐ Ice ☐ HNO3	9/29/00	5/9/20	☐ <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-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 ☐ W-E8321-MS ☐ W-CARB-AA					☐ Ice								
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C													

Notes: ~~NO Samples Taken~~
A

Field/WIN ID →



G3NW0439

Location:

Gum Creek upstream of River Rd

Signature: [Signature]

Date: 11/26/19

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: Seven Runs upstream of Hwy 81

Date: 11/26/19

(mm/dd/yyyy)

WIN/ Field ID: G3NW0116

WBID: 570

Latitude: 30.53940

County: Walton

ORG ID: 21FLPNS

Longitude: -85.92094548

(Decimal Degrees)

(Decimal Degrees)

Receiving Body of Water: Choctawhatchee River

RQ-2019-

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment									
M. King N. Murren										☒ 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# 154171					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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)									
EST	1025	0.4	0.3	VOB	10.09	94.5	5.07	0.01	20.0	12.7									
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						☐ <2						
Metals		☒ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3						☐ <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-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					☐ Ice												

Notes:

Micro Only

"C"

Field/Win ID →

G3NW0116

Location:

Seven Runs upstream of Hwy 81

Signature:

Date:

11/26/19

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: Direct Runoff to Choctawhatchee Bay below Oregon Drive

Date: 11/26/19
(mm/dd/yyyy)

WIN/ Field ID: G3NW0001

WBID: 874

Latitude: 30.41739

(Decimal Degrees)

County: Okaloosa

ORG ID: 21FLPNS

Longitude: -86.60062

(Decimal Degrees)

Receiving Body of Water: Lake Earl

RQ- 2019-10-19-22 H-25-TT

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Mike Kmo Nathan mmy									

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/ Popped Low / Normal / High / Flooded
Meter ID# 154179 Matrix: Fresh Marine / DI

Photos: Yes / No 5 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	<u>1200</u>	<u>0.3</u>	<u>0.2</u>	<u>VOR</u>	<u>2.91</u>	<u>30.9</u>	<u>6.13</u>	<u>0.49</u>	<u>982</u>	<u>18.6</u>
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	<u>9/29/00</u>	<u>5/9/20</u>	☐ <2
Metals	☐ W-ICMS ☐ W-ICP	☐ Ice ☐ HNO3			
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			
Heavy Metals	☐ W-ICMS / W-ICP / W-ICP / W-TSS / TURBIDITY	☐ Ice			
Macrophytes	☐ MFW-QDC	☐ Formalin			
Phytoplankton	☐ ALGAEID	☐ Ice			
Microbiology	☐ E.Coli ☐ F.Coli ☐ Enterococci	☐ Ice			
Microbiota	☐ PCR-PETP ☐ PCR-Bach ☐ PCR-GULL2	☐ Ice			
	☐ PCR-HR23 ☐ PCR-063 ☐ PCR-GP2	☐ Ice			
Tracers	☐ W-58321-01 ☐ W-58321-MS	☐ Ice			
Phosphates	☐ W-PON-10 ☐ W-CT-CL-R ☐ W-58321-02	☐ Ice			
	☐ W-PC-02-R ☐ W-58321-MS ☐ W-58321-03	☐ Ice			
Phytoplankton	☐ DYT-01 ☐ DYT-02				

Notes: No inst flow
flow 'B'

Field/WIN ID →

G3NW0001

Location:

Direct Runoff to Choctawhatchee Bay below Oregon Drive

Signature: [Signature]

Date: 11/26/19

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: _____

(Initials/Date) (Initials/Date) (Initials/Date)

\\Elden1\dept\WCA\BIB\Invent\Invent\West\Estimates\NW ROC\TMD\ SMP 2019\Contract Lab - UWF Pensacola\Sample transmittal form Blank Lot#