

RQ-2019-11-11-20

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

\\fdep1\wqap\NW ROC\TMDL\WIN_Station Creation

☒ Date sampled Date: 11/14/19 initials: NM

☒ Update "SMP Tracker" Date: 11/15/19 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: 11/15/19 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:

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:

2019-11-11-20

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	NM	11/14/19	0630	20.4	770	9.1	9.06	99.1			P / F	L / F
CCV	MC	✓	1530	16.0	770	10.0	10.0	101.1			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	11/14/19	0635	190116A	1/20	1000	1000	P / F	L / F
ICV	✓	✓	0638	190418A	6/20	100	104	P / F	L / F
CCV	MC	✓	1535	190504B	5/20	59,000	51,257	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	11/14/19	0640	190405E	10/20	7.		7.0		P / F	L / F
Calibr.	✓	✓	0642	190405F	10/20	4.		4.0		P / F	L / F
Calibr.	✓	✓	0645	4904E09	9/20	10.		10.0		P / F	L / F
ICV	✓	✓	0650	190405E	10/20	7.0	19.9	7.06	-73.4	P / F	L / F
CCV	MC	✓	1540	4904E09	9/20	10.0	20.1	9.96	-22.8	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: _____

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	11/14/19	0700	0.00	0.00	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:

Hogtown Bayou Center

Date:

11/14/19
(mm/dd/yyyy)

WIN/ Field ID:

G3NW0181

WBID: 881A

Latitude: 30.39935

(Decimal Degrees)

County:

Walton

ORG ID: 21FLPNS

Longitude: -86.23197801

(Decimal Degrees)

Receiving Body of Water:

Choctawhatchee Bay

2019
RQ 2019 -11-11-20

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

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>ProDSS</u>		
Equipment ID		

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded
Photos: Yes (No) Flow: No Flow / Intestinal / Flowing (NA) Meter ID# 154179 Matrix: Fresh (Marine) DI
Tide: Rising Falling/ Slack/ NA Tide Times: High 10:31 AM Low 8:35 AM

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	9:15	1.9	0.3	1.4	8.44	92.3	7.61	22.75	35995	13.8
CEN	9:18		1.4		8.85	96.7	7.68	23.29	36,783	13.5

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 ☒ H ₂ SO ₄	5/19/29100	5/20	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <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-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☒ E 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				

Place Preservative Sticker(s) Here
(If Available)

Notes:

A

Field/WIN ID



G3NW0181

Location:

Hogtown Bayou Center

Signature:

Date: 11/14/19

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: Alaqua Bayou Center

Date: 11/14/19
(mm/dd/yyyy)

WIN/ Field ID: G3NW0180

WBID: 731

Latitude: 30.48653

County: Walton

ORG ID: 21FLPNS

Longitude: -86.202739

Receiving Body of Water: Choctawhatchee Bay

RQ-2019- 11-11-20

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

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>PRODS</u>		
Equipment ID		

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

Water Level: Dry/ Pooled/ Low (<u>Normal</u>) / High / Flooded						Meter ID# <u>154179</u>		Matrix: Fresh / <u>Marine</u> / DI		
Photos: Yes / <u>No</u>		Flow: No Flow / Intestinal / Flowing / <u>NA</u>		Tide: <u>Rising</u> / Falling / Slack / NA		Tide Times: High <u>1031 PM</u> Low <u>835 AM</u>				
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	10.00	1.1	0.3	1.1	7.20	82.2	7.67	21.00	33437	16.4
CEN				"5"						

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	<u>SA929100</u>	<u>5/20</u>	☐ <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								

Notes: <u>B Needs DONE!</u>	Field/WIN ID	
	Location:	<u>G3NW0180</u>
	<u>Alaqua Bayou Center</u>	
Signature:	Date:	<u>11/14/19</u>

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:	

QA/QC Sample Information

Duplicate

Time Zone: EST <u>CEN</u>	Time: <u>10:05</u>	Field ID: <u>G3NW0180-DUP</u>	(WIN ID_DUP)
WIN DMT Activity ID:			
Parameter Suite	Parameter Methods	Preservation	Lot# Expiration pH Check
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	<u>SA912900</u> <u>5/20</u> ☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃	☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	Place Preservative Sticker(s) Here (If Available)
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	
Microbiology	☐ E Coll ☐ F Coll ☒ Enterococci	☒ Ice	
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULLZ ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice	
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice	
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-MS ☐ W-CARB-AA	☐ Ice	

Blank

Time Zone: EST <u>CEN</u>	Time: <u>10:10</u>	Field ID: <u>FB-14112019</u>	(Blank Type_DDMMYYYY)
DI Source: <u>Lab Ice Room</u>	Location: <u>Alaqua</u>		
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank	Equipment ID: <u>Carboi NWROCIV</u>		
WIN DMT Blank Batch ID:			
Parameter Suite	Parameter Methods	Preservation	Lot# Expiration pH Check
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	<u>SA9129100</u> <u>5/20</u> ☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃	☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	Place Preservative Sticker(s) Here (If Available)
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	
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice	
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-MS ☐ W-CARB-AA	☐ Other	

Notes:

Field/WIN ID



G3NW0180_DUP

Field/WIN ID



FB_11122019

Location:

Alaqua Bayou Center

Location:

Alaqua Bayou Center

Signature:

Date:

11/14/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

(Initials/Date)

(Initials/Date)

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name:

Mack Bayou

Date:

11/14/19
(mm/dd/yyyy)

WIN/ Field ID:

G3NW0128

WBID: 937

Latitude: 30.40073

(Decimal Degrees)

County:

Okaloosa

ORG ID: 21FLPNS

Longitude: -86.30338

(Decimal Degrees)

Receiving Body of Water:

Choctawhatchee Bay

2019
RQ-2048

-11-11-20

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment						
NM MC						X	X	X	X	X	☒ Sample Container	☐ Van Dorn	☐ Pole				
											☐ Carboy	☒ Syringe	☐ Other				
											☐ Dipper						
Depth Measured with						P00055		Equipment ID		Collection Method							
						X	X	X	X	X	☐ Wading	☐ Canoe/Kayak	☐ Electric Motor				
											☐ From Shore	☐ Gasoline Motor					
											☐ Other						
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded						Meter ID# 154179				Matrix: Fresh / <u>Marine</u> / DI							
Photos: Yes / <u>No</u>						Flow: No Flow / Intestinal / Flowing <u>NA</u>				Tide: Rising / Falling / Slack / NA				Tide Times: High <u>10:31 PM</u> Low <u>8:35 AM</u>			
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	10:47	2.2	0.3	2.1	8.91	95.3	7.64	21.70	34510	13.0							
CEN	10:50		1.7		8.70	94.1	7.68	22.76	36035	13.2							
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 ☒ H ₂ SO ₄		SA9129100		5/20		☐ <2				
Metals		☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO ₃						☐ <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-BR-IC / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY					☒ Ice										
Macroinvertebrates		☐ MI-FW-QLDC					☐ Formalin										
Periphyton		☐ ALGAE-ID					☐ Ice										
Microbiology		☐ E Coli ☒ Coll ☒ Enterococci					☒ Ice										
Molecular		☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2					☐ Ice										
		☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD															
Tracers		☐ W-E8321-DI ☐ W-E8321-MS					☐ Ice										
Pesticides		☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI					☐ Ice										
		☐ W-PCL-SQ-R ☐ W-E8321-MS ☐ W-CARB-AA															
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C					☐ Ice										

Notes:

A

Field/WIN ID



G3NW0128

Location:

Mack Bayou

Signature:

[Signature]

Date:

11/14/19

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: Joos Bayou

Date: 11/14/19
(mm/dd/yyyy)

WIN/ Field ID: G3NW0182

WBID: 906

Latitude: 30.406945

(Decimal Degrees)

County: Okaloosa

ORG ID: 21FLPNS

Longitude: -86.486463

(Decimal Degrees)

Receiving Body of Water: Choctawhatchee Bay

RQ-2019 11-11-20

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

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>PROD35</u>		
Equipment ID		

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

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded
Photos: Yes ☒ No ☐ Flow: No Flow / Intestinal / Flowing NA
Meter ID# 154179 Matrix: Fresh / Marine / DI
Tide Rising Falling/ Slack/ NA Tide Times: High 1031 AM Low 835 AM

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	12:10	2.9	0.3	2.9	8.93	97.7	7.85	23.46	37031	13.4
CEN	12:15		2.4	"5"	9.29	107.9	7.95	25.06	39240	15.9

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>5A9129100</u>	<u>5/20</u>	☐ <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				

Notes: A

Field/WIN ID: G3NW0182

Location: Joos Bayou

Signature: [Signature] Date: 11/14/19

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) (Initials/Date) (Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name:

Destin Harbor across from AJ's Restaurant

Date:

11/14/19
(mm/dd/yyyy)

WIN/ Field ID:

G3NW0127

WBID: 917A

Latitude: 30.39189

County:

Okaloosa

ORG ID: 21FLPNS

Longitude: -86.50919

Receiving Body of Water: Gulf of Mexico

RQ-2018-

2019-11-11-20

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

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>PODSS</u>		
Equipment ID		

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

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

Meter ID# 154179

Matrix: Fresh / Marine DI

Photos: Yes / No

Flow: No Flow / Intestinal / Flowing NA

Tide: Rising Falling/ Slack/ NA

Tide Times: High 10:31 PM Low 8:35 AM

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	12:35	2.3	0.3	2.3	8.68	100.0	7.94	26.72	41,618	15.0
CEN	12:40		1.8	5"	8.22	99.7	7.99	26.87	41,710	16.3

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 ☒ H ₂ SO ₄	<u>SA9/29/100</u>	<u>5/20</u>	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <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				

Notes: A

Field/WIN ID: G3NW0127

Location: Destin Harbor across from AJ's Restaurant

Signature: Myrae L. Clark Date: 11/14/2019

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)

98 WHALER RUN

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

[illegible]

Relinquished By: N. Myles	Date/Time 11/14/19 15:00	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time
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Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: M. Clerk

Project ID: SMP

Collected By: M. Mulkey

Sampling Agency: FLPNS

Location	Field/WIN ID		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field	WIN/		Date 11/14/19		Time 10:47		Date		Time	
WIN/	Location:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine	
Latitude	Mack Bayou		Temp (C) 13.0		pH 7.64		ft		Sample Depth 0.3	
			Salinity (ppt) 21.70		Sp. Conductance (umho/cm) 34,510				A	
			dd dms		Comments					
Location	Field/WIN ID		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field	WIN/		Date 11/14/19		Time 12:10		Date		Time	
WIN/	Location:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine	
Latitude	Joes Bayou		Temp (C) 13.4		pH 7.85		ft		Sample Depth 0.3	
			Salinity (ppt) 23.46		Sp. Conductance (umho/cm) 37,031				A	
			dd dms		Comments					
Location	Field/WIN ID		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field	WIN/		Date 11/14/19		Time 12:35		Date		Time	
WIN/	Location:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine	
Latitude	Destin Harbor across from AJ's Restaurant		Temp (C) 15.0		pH 7.94		ft		Sample Depth 0.3	
			Salinity (ppt) 26.72		Sp. Conductance (umho/cm) 41,618				A	
			dd dms		Comments					
Location	Field/WIN ID		Collection (comp begin or grab)		Eastern		Composite end		Bottle Group(s)	
Field	WIN/		Date		Time		Date		Time	
WIN/	Location:		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		mg/L		Total Res. Chlorine	
Latitude	WIN/STORET #		Temp (C)		pH		ft		Sample Depth	
			Salinity (ppt)		Sp. Conductance (umho/cm)					
			dd dms		Comments					
Latitude	Longitude		dd dms		dd dms					

Relinquished By: N. Mulkey	Date/Time: 11/14/19 15:00	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By:	Date/Time:
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Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NO2NO3			SA9/29/00	
	W-S-A-TP			5/2000	
	W-TKN				
	W-TOC				
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab 2
	W-PO4-F				
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab 1
	ALKALINITY				
	TURBIDITY				
	W-BR-IC				
	W-F				
	W-TSS				
Group: C	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab 1
	W-NH3			SA9/29/00	
	W-NO2NO3			5/2000	
	W-S-A-TP				
	W-TKN				
	W-TOC				
Group: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab 1
	W-PO4-F				

Document Reference # 05.1.0

Sampler's initials

Sampler's initials: MC & NM

Page 1 of 1

Page 1 of 1
Date/Time: 11/14/19 1453

Date/Time: 11/19/19 12:53

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

[illegible]

RQ-2019-11-11-20

Contact name__Michael King_

Sampler's name: N. Mulken

³ Recorded using IRT-2

²Type codes: G = grab, C = composite, X = .

Phone: (850) 595-8300

\\Fiden1\dear\WOAPI\Recibidos\Galeria\WOAPI\Transmis\ROC\TMDL\SMP 2019\Field Sheets and Labels\98 Whaler Run\UWF Sample transmittal form