

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: 04L1583AD

RQ: 2020-02-24-10

Project: GreenShores

- 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 2-3-20

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.	Z. Schang	3/2/20	7:28	20.20	760	9.056	9.06	99.9%		.98263	P/F	L/F
ICV	Z. Schang	3/2/20	7:58	18.19	760	9.428	9.39	99.8%		.98263	P/F	L/F
CCV	Z. Schang	3/2/20	2:43	21.61	760	8.812	8.73	99.2%		.98263	P/F	L/F
CCV											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.	Zach Schang	3/2/20	7:34	172053	12/17/20	12900	12900	P/F	L/F
ICV	Z. Schang	3/2/20	8:02	172053/172053	12/17/20/12/17/20	12900/58640	12865/58382	P/F	L/F
CCV	Z. Schang	3/2/20	2:47	172053	12/17/20	12900	12906	P/F	L/F
CCV	Z. Schang	3/2/20	2:51	172053	12/17/20	58640	58390	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.	Zach Schang	3/2/20	7:41	192113	4/21	7.	20.79	7.0	-2.2	P/F	L/F
Calibr.						4.				P/F	L/F
Calibr.		3/2/20	7:52	191735	4/21	10.	20.86	10.0	-176.0	P/F	L/F
ICV	Zach Schang	3/2/20	8:11	191735/191735	4/21	7/10	20.7/20.85	10/10.02	2.4/178.0	P/F	L/F
CCV	Zach Schang	3/2/20	2:55	192113	4/21	7	21.15	7.02	-3.1	P/F	L/F
CCV	Zach Schang	3/2/20	3:00	191735	4/21	10	21.72	10.01	-177.2	P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ; -3.1 mV pH 4 Range $+180 \pm 50$; mV pH 10 Range -180 ± 50 ;
 If mV are recorded: slope from 7 to 10 -3.1, slope from 4 to 7 174.1 (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						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: Pensacola Bay Range Marker East of Texar Date: 03/02/2020
(mm/dd/yyyy)

WIN ID/ Field ID 3302H32GS / 1 WBID: _____ Latitude: 30.420278
(Decimal Degrees)

County: Escambia ORG ID: _____ Longitude: 87.1831944
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay RQ - 2020-02-24-10

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Beth Fugate								
Zach Schong								

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

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

Water Level: Dry/ Pooled/ Low/ Normal/ <u>High</u> / Flooded	Meter ID# <u>04L1583 AD</u>	Matrix: Fresh / <u>Marine</u> DI
Photos: Yes / <u>No</u>	Flow: <u>No Flow</u> / Intestinal / Flowing/ NA	Tide: <u>Rising</u> / Falling/ Slack/ NA
Tide Times: High <u>2:12</u> 3:43pm Low 2:12am		

Field Sample

(Bracket Sample Time)

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										
CEN	9:19	1.25	.15	VOB	9.68	101.4	7.68	9.08	15488	14.96

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 / <u>W-S-A-TP</u>	☒ Ice ☒ H2SO4	<u>SA9301030</u>	<u>10/28/20</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-CI-IC / <u>W-COLOR</u> / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-BR-IC / W-F <u>W-TSS</u> <u>TURBIDITY</u>	☒ 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-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-MS ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-DI ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

H2504
LOT# SA9301030
EXP: 10/28/2020

Place Preservative Sticker(s) Here
(If Available)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Pensacola Bay, midpoint between bay bridge and Mosquitoe wharf Date: 03/02/2020
(mm/dd/yyyy)

WIN ID/ Field ID 2/330238652 WBID: _____ Latitude: 30.411722
(Decimal Degrees)

County: Escambia ORG ID: _____ Longitude: 87.193611
(Decimal Degrees)

Receiving Body of Water: Esc Pensacola Bay RQ - 2020-02-24-10

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Beth Fugate								
Zach Schang								

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

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

Water Level: Dry/ Pooled/ Low/ Normal/ <u>High</u> / Flooded	Meter ID# <u>0461583 AD</u>	Matrix: Fresh / <u>Marine</u> / DI
Photos: Yes <u>No</u>	Flow: <u>No Flow</u> / Intertidal / Flowing/ NA	Tide: <u>Rising</u> / Falling/ Slack/ NA
Tide Times: High <u>2:12AM</u> Low <u>8:43PM</u>		

Field Sample

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										
CEN	9:40	5m	.15	1.5	9.74	102.8%	7.78	9.61	16336	15.08

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	SA9301030	10/28/20	☒ <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-CH-IC / <u>W-COLOR</u> / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-BR-IC / W-F / <u>W-TSS</u> / <u>TURBIDITY</u>	☒ 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-E3821-MS ☐ W-E32821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-MS ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-DI ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Pensacola Bay, East end of primary stormdrain

Date: 03/02/2020
(mm/dd/yyyy)

WIN ID/ Field ID 3 / 3302J2G53

WBID: _____

Latitude: 30.416111

(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.19425

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2020-02-24-10

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Beth Fugate			✓			✓		
Zach Schang		✓		✓	✓			

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

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

Water Level: Dry/ Pooled/ Low/ Normal/ <u>High</u> / Flooded	Meter ID# <u>04L1583 AD</u>	Matrix: Fresh <u>Marine</u> / DI
Photos: Yes / <u>No</u>	Flow: <u>No Flow</u> / Intertidal / Flowing/ NA	Tide: <u>Rising</u> / Falling/ Slack/ NA
Tide Times: High <u>15:43</u> Low <u>2:12</u> (Bracket Sample Time)		

Field Sample

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										
CEN	9:49	3.25	.15	1.75	9.71	100.7	7.61	5.98	10517	15.40

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>SA9301030</u>	<u>10/28/20</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 / <u>W-COLOR</u> / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-BR-IC / W-F / <u>W-TSS</u> / <u>TURBIDITY</u>	☒ 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-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-MS ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-DI ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Pensacola Bay, South of Primary Stormdrain

Date: 03/02/2020
(mm/dd/yyyy)

WIN ID/ Field ID 4/330252654

WBID: _____

Latitude: 30.416667

County: Escombria

ORG ID: _____

Longitude: 87.1966111
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2020-02-24-10
(Decimal Degrees)

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Beth Fugate			✓			✓		
Zach Schong		✓		✓	✓		✓	✓

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

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

Water Level: Dry/ Pooled/ Low/ Normal/ <u>High</u> / Flooded	Meter ID# <u>04L1583AD</u>	Matrix: Fresh / <u>Marine</u> / DI
Photos: Yes <u>No</u>	Flow: <u>No Flow</u> / Intestinal / Flowing/ NA	Tide: <u>Rising</u> / Falling/ Slack/ NA
		Tide Times: High <u>212</u> Low <u>1543</u>

Field Sample

(Bracket Sample Time)

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										
CEN	9:57	3.0	.15	2.0	9.49	98.5	7.57	6.02	10580	15.44

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>SA9301030</u>	<u>10/28/20</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-P ☐ 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-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-MS ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-DI ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Place Preservative Sticker(s) Here
(If Available)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Pensacola Bay, End of Chase Street

Date: 03/02/2020
(mm/dd/yyyy)

WIN ID/ Field ID 5/330232655

WBID: _____

Latitude: 30.415528

(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.1980277

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2020-02-24-10

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Beth Fugate			✓			✓		
Zach Schang		✓		✓	✓			

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with: <u>Boat sonar</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# 04L1583 AD

Matrix: Fresh / Marine / DI

Photos: Yes (No)

Flow: No Flow / Intertidal / Flowing/ NA

Tide: Rising / Falling/ Slack/ NA

Tide Times: High 15:43 Low 2:12

Field Sample

(Bracket Sample Time)

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										
CEN	10:05	2.5	.15	1.75	9.07	94.7	7.49	6.39	11206	15.65

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	SA9301030	10/28/20	☒ <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-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 ☐ F Coli ☐ Enterococci			☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD			☐ Ice			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI			☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-MS ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-DI ☐ W-CARB-AA			☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C			☐ Ice			



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Pensacola Bay Midpoint between Muscogee and Hawkshaw Date: 03/02/2020
(mm/dd/yyyy)

WIN ID/ Field ID 6/330252656 WBID: _____ Latitude: 30.412375
(Decimal Degrees)

County: Escambia ORG ID: _____ Longitude: 87.2007916
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay RQ - 2020-02-24-10

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Beth Fugate			✓		✓	✓		
Zach Schang		✓		✓			✓	✓

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

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

Water Level: Dry/ Pooled/ Low/ Normal/ <u>High</u> / Flooded	Meter ID# <u>64L583AP</u>	Matrix: Fresh / <u>Marine</u> / DI
Photos: Yes / <u>No</u>	Flow: <u>No Flow</u> / Intertidal / Flowing/ NA	Tide: <u>Rising</u> / Falling/ Slack/ NA
Tide Times: High <u>212</u> Low <u>1543</u>		(Bracket Sample Time)

Field Sample

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										
CEN	10:24	5.0	.15	1.75	9.76	101.6	7.65	6.02	10577	15.55

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-SATP	☒ Ice ☒ H2SO4	<u>SA9301030</u>	<u>10/28/20</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-CI-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-BR-IC / W-F / <u>W-TSS</u> / <u>TURBIDITY</u>	☒ 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-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-MS ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-DI ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			