

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: 21E102402

RQ: 2022-08-15-09

Project: Green Shore

- 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 8/15/22

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.	<u>E. Schang</u>	<u>8/10/22</u>	<u>11:30</u>	<u>23.5</u>	<u>8.498</u>	<u>8.52</u>	<u>100%</u>			<u>P</u> /F	<u>L</u> /F
ICV	<u>E. Schang</u>	<u>8/10/22</u>	<u>13:50</u>	<u>25.8</u>	<u>8.143</u>	<u>8.09</u>	<u>99.4</u>			P/F	L/F
CCV	<u>E. Schang</u>	<u>8/15/22</u>	<u>7:12</u>	<u>25.6</u>	<u>8.173</u>	<u>8.11</u>	<u>99.3</u>			<u>P</u> /F	<u>L</u> /F
CCV	<u>E. Schang</u>	<u>8/15/22</u>	<u>14:44</u>	<u>27.1</u>	<u>7.954</u>	<u>7.91</u>	<u>99.5</u>			<u>P</u> /F	<u>L</u> /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; 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.	<u>E. Schang</u>	<u>8/10/22</u>	<u>11:17</u>	<u>2202587</u>	<u>02/2024</u>	<u>50,000</u>	<u>50,000</u>	<u>P</u> /F	<u>L</u> /F
ICV	<u>E. Schang</u>	<u>8/10/22</u>	<u>11:20</u>	<u>2203681</u>	<u>02/2024</u>	<u>10,000</u>	<u>9,980</u>	<u>P</u> /F	<u>L</u> /F
CCV	<u>E. Schang</u>	<u>8/15/22</u>	<u>7:07</u>	<u>2202587</u>	<u>02/2024</u>	<u>50,000</u>	<u>50,071</u>	<u>P</u> /F	<u>L</u> /F
CCV	<u>E. Schang</u>	<u>8/15/22</u>	<u>14:59</u>	<u>2203681</u>	<u>02/2024</u>	<u>10,000</u>	<u>9,970</u>	<u>P</u> /F	<u>L</u> /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.	<u>E. Schang</u>	<u>8/10/22</u>	<u>11:21</u>	<u>216233</u>	<u>8/23</u>	<u>7.0</u>	<u>7.0</u>	<u>-30.3</u>	<u>P</u> /F	<u>L</u> /F
Calibr.						<u>4.0</u>			P/F	L/F
Calibr.	<u>E. Schang</u>	<u>8/10/22</u>	<u>11:25</u>	<u>217042</u>	<u>10/23</u>	<u>10.0</u>	<u>10.0</u>	<u>-207.6</u>	<u>P</u> /F	<u>L</u> /F
ICV	<u>E. Schang</u>	<u>8/15/22</u>	<u>7:19</u>	<u>216233</u>	<u>8/23</u>	<u>7.0</u>	<u>6.96</u>	<u>-28.0</u>	<u>P</u> /F	<u>L</u> /F
CCV	<u>E. Schang</u>	<u>8/15/22</u>	<u>7:23</u>	<u>217042</u>	<u>10/23</u>	<u>10.0</u>	<u>9.96</u>	<u>-205.2</u>	<u>P</u> /F	<u>L</u> /F
CCV	<u>E. Schang</u>	<u>8/15/22</u>	<u>14:50</u>			<u>7.10</u>	<u>7.05/10.0</u>	<u>59.1/211.2</u>	<u>P</u> /F	<u>L</u> /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 10 177.2, slope from 4 to 7 _____ (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 _____

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:

Document Reference # 05.1.0

Sampler's initials:

Page 1 of 1

Date/Time: 8/15/2022 11:25

Date/Time: 8/15/2022 11:25

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]

chlorine. _____

~~RA-2022-08-15-08~~ 62022-08-15-08

2016122
Contact organization _____ FDEP

Address 160 Governmental Center, suite 308, Pensacola, FL 32502

²Type codes: G = arabic, C = composite, X =

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



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Range Marker East of Bayou Texar

Date: 08/15/2022
(mm/dd/yyyy)

WIN ID/ Field ID 1/3302H32GS1

WBID:

Latitude: 30.420278

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.1831944

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-08-15-08

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment	
Zach Schanz		☒	☒	☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn
Beth Eugene		☒	☒	☒	☒	☒	☒	☒	☐ Carboy	☐ Syringe
Morgan Shoemaker		☒	☒	☒	☒	☒	☒	☒	☐ Dipper	☐ Other
									Depth Measured with: Boat sonar	
									Equipment ID	
									Collection Method	
									☐ Wading	☐ Canoe/Kayak
									☐ From Shore	☐ Electric Motor
									☐ Other	☒ Gasoline Motor
Water Level: Dry/ Pooled/ <u>Low</u> / Normal/ High/ Flooded		Meter ID# 21E102402				Matrix: Fresh / <u>Marine</u> / DI				
Photos: Yes / No		Flow: No Flow / Intestinal / <u>Flowing</u> / NA				Tide: <u>Rising</u> / Falling/ Slack/ NA		Tide Times: <u>Low 1:09</u> <u>High 5:54</u> <u>Low 1:68</u> <u>High 2:24</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 (umhos/cm)	Temp. (C°)
EST										
CEN	8:30	1.524	.15	VOB	5.24	74.7%	7.60	11.56	14624	29.6

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	SA2145160	6/2/25	☒ <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 / 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-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: Midpoint Between Bay Bridge and Muscogee Wharf

Date: 08/15/2022
(mm/dd/yyyy)

WIN ID/ Field ID 2/3302J8GS2

WBID:

Latitude: 30.4411722

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.1936111

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-08-15-08

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

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

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

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

Meter ID# 21E102402

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / Flowing / NA

Tide: Rising / Falling / Slack / NA

Tide Times: High 1:09 @ 3:54 Low 1:68 @ 20:24
(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	8:43	5.21	.15	1.75	7.61	106.3	8.13	12.17	20480	29.2 29.2

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	SA2145160	6/2/23	☒ <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 / 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-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: East End of Primary Stormdrain

Date: 08/15/2022
(mm/dd/yyyy)

WIN ID/ Field ID 3/3302J2GS3

WBID:

Latitude: 30.416111

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.19425

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-08-15-08

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Each Schang		☒	☒	☒	☒	☒	☒	☒
Beth Fugate		☒	☒	☒	☒	☒	☒	☒
Morgan Showmaker		☒	☒	☒	☒	☒	☒	☒

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

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

Water Level: Dry/ Pooled/ <u>Low</u> Normal/ High/ Flooded	Meter ID# 21E102402	Matrix: Fresh / <u>Marine</u> / DI
Photos: Yes / No	Flow: No Flow / Intestinal / <u>Flowing</u> / NA	Tide: <u>Rising</u> / Falling/ Slack/ NA
		Tide Times: High 1:09 PM Low 7:68 PM

Field Sample

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Sp COND (umhos/cm)	Temp. (C°)
EST										
CEN	8:51	3.74	.15	1.75	6.59	91.9	7.94	11.95	19954	29.2

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	SA2145160	6/2/23	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 um 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-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: South of Primary Stormdrain

Date: 08/15/2022
(mm/dd/yyyy)

WIN ID/ Field ID 4/3302J2GS4

WBID:

Latitude: 30.416667

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.1966111

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-08-15-08

Sampling Team Members							Sampling Equipment						
							☒ Sample Container	☐ Van Dorn	☐ Pole				
							☐ Carboy	☐ Syringe					
							☐ Dipper	☐ Other					
							Depth Measured with: Boat sonar						
							Equipment ID						
							Collection Method						
							☐ Wading	☐ Canoe/Kayak					
							☐ From Shore	☐ Electric Motor					
							☐ Other	☒ Gasoline Motor					
Water Level: Dry/ Pooled/ <u>Low</u> Normal/ High/ Flooded							Meter ID# 21E102402				Matrix: Fresh / <u>Marine</u> / DI		
Photos: Yes / No		Flow: No Flow / Intestinal / <u>Flowing</u> / NA		Tide: <u>Rising</u> / Falling / Slack / NA		Tide Times: High 10:40 3:54 Low 1:68 @ 20:24							

Field Sample

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Sp COND (umhos/cm)	Temp. (C°)
EST										
CEN	8:57	3.10	.15	1.75	5.54	77.7	7.71	12.11	20377	29.5

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	SA2145160	6/2/23	☒ <2	
Metals	☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3			☐ <2	
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 um 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 / 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-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: End of Chase Street

Date: 08/15/2022
(mm/dd/yyyy)

WIN ID/ Field ID 5/3302J2GS5

WBID:

Latitude: 30.415528

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.1980277

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-08-15-08

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

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

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

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

Meter ID# 21E102462

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / Flowing NA

Tide: Rising Falling/ Slack/ NA

Tide Times: High 1:04 @ 3:54 Low 1:08 @ 2:24
(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				2.0						
CEN	9:13	2.74	.15	1.75 yd	6.75	96.6	7.99	13.66	22766	30.1

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	SA2145160	6/2/23	☒ <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-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			

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: Midpoint Between Muscogee and Hawkshaw

Date: 008/15/2022
(mm/dd/yyyy)

WIN ID/ Field ID 6/3302J1GS6

WBID:

Latitude: 30.412375

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.2007916

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-08-15-08

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Zach Schang						☒	☒	☒	☒	☒	☒	☒
Beth Fagate						☒	☒	☒	☒	☒	☒	☒
Morgan Showmaker						☒	☒	☒	☒	☒	☒	☒

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

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

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

Meter ID# 21E102402

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / Flowing / NA

Tide: Rising / Falling / Slack / NA

Tide Times: High 10:40 3:54 Low 1:18 20:24
(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	9:23	4.72	.15	1.5	7.65	109.2	8.15	13.55	22617	30.1

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	SA2145160	6/2/23	☒ <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-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: Midpoint Between Bridge and Port Spoil Pond

Date: 08/15/2022
(mm/dd/yyyy)

WIN ID/ Field ID 7/3302J8GS7

WBID:

Latitude: 30.408194

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.1993333

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-08-15-08

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

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

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

Water Level: Dry/ Pooled/ <u>Low</u> / Normal/ High/ Flooded	Meter ID# 21E102402	Matrix: Fresh/ <u>Marine</u> / DI
Photos: Yes / No	Flow: No Flow / Intestinal / <u>Flowing</u> / NA	Tide: <u>Rising</u> / Falling/ Slack/ NA
		Tide Times: <u>High</u> 1:09 PM 3:54 PM <u>Low</u> 7:16 PM 20:24 PM (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 (umhos/cm)	Temp. (C°)
EST										
CEN	9:29	4.99	.15	1.75	8.03	113.7	8.19	13.02	21795	29.9

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	SA2145/60	6/2/23	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 um 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 / 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-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			

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	SA2145/60	6/2/25	☒ <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-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: West of Hawkshaw Lagoon

Date: 08/15/2022
(mm/dd/yyyy)

WIN ID/ Field ID 9/3302J1GS9

WBID:

Latitude: 30.409444

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.2034722

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-08-15-08

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

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

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

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

Meter ID# 21E102402

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / Flowing / NA

Tide: Rising / Falling / Slack / NA

Tide Times: High 7:54 Low 20:24
(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	9:58	1.46	1.15	VOB	7.01	98.8	7.86	12.10	20375	29.8

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	SA2145160	6/2/23	☒ <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 / 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-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: South of Bayfront Stormdrain

Date: 08/15/2022
(mm/dd/yyyy)

WIN ID/ Field ID 10/3302J7GS10

WBID:

Latitude: 30.408194

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.2050277

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-08-15-08

Sampling Team Members							Sampling Equipment						
							☒ Sample Container	☐ Van Dorn	☐ Pole				
							☐ Carboy	☐ Syringe					
							☐ Dipper	☐ Other					
Depth Measured with: Boat sonar							Equipment ID						
Collection Method													
							☐ Wading	☐ Canoe/Kayak					
							☐ From Shore	☐ Electric Motor					
							☐ Other	☒ Gasoline Motor					
Water Level: Dry/ Pooled/ <u>Low</u> Normal/ High/ Flooded							Meter ID# 21E102402				Matrix: Fresh / <u>Marine</u> / DI		
Photos: Yes / No		Flow: No Flow / Intestinal / <u>Flowing</u> / NA			Tide: <u>Rising</u> / Falling/ Slack/ NA			Tide Times: <u>High</u> 3:54 <u>Low</u> 20:24 (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 (umhos/cm)	Temp. (C°)
EST										
CEN	9:50	1.24	.15	VOB	7.71	109.4	8.13	12.62	21212	30.0

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	SA2145160	6/2/23	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 um 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 / 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-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: Seville Marina Inlet

Date: 08/15/2022
(mm/dd/yyyy)

WIN ID/ Field ID 11/3302J7GS11

WBID: _____

Latitude: 30.407694

(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.2074444

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-08-15-08

Sampling Team Members							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/ <u>Low</u> / Normal/ High/ Flooded							Meter ID# <u>21E102402</u>				Matrix: Fresh / <u>Marine</u> / DI		
Photos: Yes / No		Flow: No Flow / Intestinal / <u>Flowing</u> / NA		Tide: <u>Rising</u> / Falling / Slack / NA		Tide Times: <u>High 3:14 1.09 Low 20:24/68</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			.15							
CEN	9:43	1.0	1.01	VOB	6.41	90.1	7.64	11.76	19744	29.7

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>SA2145160</u>	<u>6/2/23</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 / 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-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: East of Port Spoil Pond

Date: 08/15/2022
(mm/dd/yyyy)

WIN ID/ Field ID 12/3302J7GS12

WBID: Latitude: 30.405694
(Decimal Degrees)

County: Escambia

ORG ID: Longitude: 87.2036666
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-08-15-08

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment	
Zach Schang									☒ Sample Container	☐ Van Dorn ☐ Pole
Beth Fugate									☐ Carboy	☐ Syringe
Morgan Shoumiker									☐ Dipper	☐ Other
									Depth Measured with: Boat sonar	
									Equipment ID	
									Collection Method	
									☐ Wading	☐ Canoe/Kayak
									☐ From Shore	☐ Electric Motor
									☐ Other	☒ Gasoline Motor
Water Level: ☒ Dry / ☐ Pooled / ☐ Low / ☐ Normal / ☐ High / ☐ Flooded		Meter ID# 21E102412				Matrix: Fresh / ☒ Marine / ☐ DI				
Photos: Yes / No		Flow: No Flow / Intestinal / ☒ Flowing / NA				Tide: ☒ Rising / ☐ Falling / ☐ Slack / NA		Tide Times: High 7:59 Low 20:29 (Bracket Sample Time) 1.09 1.68		

Field Sample										
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Sp COND (umhos/cm)	Temp. (C°)
EST										
CEN	9:35	4.48	.15	1.75	7.73	109.6	8.15	12.68	21285	30.0

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	SA2145160	6/2/27	☒ <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-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: Hawkshaw Lagoon at Memorial Bridge

Date: 08/15/2022
(mm/dd/yyyy)

WIN ID/ Field ID 13/3302J1HL1

WBID:

Latitude: 30.412125

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.2024333

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-08-15-08

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

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with: Boat sonar		
Equipment ID		
Collection Method		
☐ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☒ Gasoline Motor	

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

Meter ID# 215102402

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / Flowing / NA

Tide: Rising / Falling/ Slack/ NA

Tide Times: High 3:54 Low 20:24
(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 (umhos/cm)	Temp. (C°)
EST										
CEN	10:15	0.5	0.15	VOB	4.25	60.1	7.18	8.80	15225	30.8

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	SA2145160	8/21/21	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 um 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 / 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-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: 150 ft. South of Hawkshaw Lagoon East Stormdrain

Date: 08/15/2022
(mm/dd/yyyy)

WIN ID/ Field ID 14/3302J1GS7

WBID:

Latitude: 30.413111

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.2011944

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-08-15-08

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

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

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

Water Level: Dry/ Pooled/ <u>Low</u> / Normal/ High/ Flooded	Meter ID# 21E102402	Matrix: Fresh / <u>Marine</u> / DI
Photos: Yes / No	Flow: No Flow / Intestinal / <u>Flowing</u> / NA	Tide: <u>Rising</u> / Falling/ Slack/ NA
		Tide Times: High 3:54 Low 20:24 (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 (umhos/cm)	Temp. (C°)
EST										
CEN	10:23	.70	.15	VOB	4.97	71.2	7.48	11.89	20079	30.9

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	SA2145160	6/2/23	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 um 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 / 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-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			

Duplicate

Time Zone: EST <u>CEN</u>		Time: <u>9:17</u>		Field ID: <u>5</u>		(WIN ID_DUP) <u>24</u>
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			☐ < 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 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-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E-3821-MS ☐ W-CARB-AA	☐ Ice				

Blank

Time Zone: EST <u>CEN</u>		Time: <u>9:17</u>		Field ID: <u>5</u>		(Blank Type_MMDDYYYY)
DI Source: <u>NW District / James Building</u>		Location: <u>End of Chase St</u>				
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: <u>Carboy 1</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>SA2145760</u>	<u>6/2/23</u>	☒ < 2	
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2	
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ 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				
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 ☐ Other				
Microbiology	☐ E.coli ☐ F. Coliform ☐ Entrococci					
Notes:			Place Label Here			
Signature: <u>[Signature]</u>			Date: <u>8/15/22</u>			

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)