



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: 3/9/21
(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 - 2021-03-08-14

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

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# 04L1583AD Matrix: Fresh/ Marine/ DI

Photos: Yes/ No Flow: No Flow/ Intertidal/ Flowing/ NA

Tide: Rising/ Falling/ Slack/ NA

Tide Times: High 20:07pm Low 6:19am
(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		1m		VOB						
CEN	9:07		.15		9.07	96.8	7.93	11.80	19930	15.18

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	SA0353110	1/11/22	☒ <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			

H2SO4
LOT# SA0353110
EXP: 01/11/2022



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: 3/9/21
(mm/dd/yyyy)

WIN ID/ Field ID 2 / 330258GS2

WBID: _____

Latitude: 30.411722
(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.193611
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-03-08-14

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment		
Zach Schong		✓	✓	✓	✓	✓			☒ Sample Container	☐ Van Dorn	☐ Pole
Beth Fugate			✓						☐ Carboy	☐ Syringe	
Sarah Beth Uriz			✓						☐ 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>04L1583AD</u>		
Matrix: Fresh / <u>Marine</u> / DI											
Photos: Yes ☒ No		Flow: No Flow / Intestinal / Flowing/ NA		Tide: <u>Rising</u> / Falling/ Slack/ NA		Tide Times: High <u>20:07pm</u> Low <u>6:19am</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	9:27	4.3	.15	2.0	9.55	104.1	8.11	13.32	22048	15.63

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	SA0353110	1/11/22	☒ <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-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				

H2SO4
LOT# SA0353110
EXP: 01/11/2022



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: 3/9/21
(mm/dd/yyyy)

WIN ID/ Field ID 3 / 330252053

WBID: _____

Latitude: 30.41611

County: Escambia

ORG ID: _____

Longitude: 87.19425

Receiving Body of Water: Pensacola Bay

RQ - 2021-03-08-14

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

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>04L1583AD</u>	Matrix: Fresh / <u>(Marine)</u> / DI
Photos: Yes / <u>(No)</u>	Flow: No Flow / Intestinal / Flowing/ NA	Tide: Rising/ Falling/ Slack/ NA
		Tide Times: High <u>20:07</u> Low <u>6:19</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	9:35	2.8	.15	2.0	9.47	103.7	8.14	13.88	22917	15.69

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	SA0353110	1/11/22	☒ <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: South of Primary Stormdrain

Date: 03/09/2021
(mm/dd/yyyy)

WIN ID/ Field ID 4 / 330252GS4

WBID: _____

Latitude: 30.416667
(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.196611
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-03-08-14

Sampling Team Members							Sampling Equipment			
	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	☒ 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>04L1583AD</u>		Matrix: Fresh <u>Marine</u> DI	
Photos: Yes ☒ No		Flow: No Flow / Intestinal / Flowing/ NA			Tide: <u>Rising</u> Falling/ Slack/ NA		Tide Times: High <u>20:07</u> Low <u>6:19</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 (umhos/cm)	Temp. (C°)
EST										
CEN	9:42	2.6	.15	2.25	9.43	103.2	8.12	13.58	22453	15.69

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	SA0353110	1/11/22	☒ <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			

H2SO4
LOT# SA0353110
EXP: 01/11/2022



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: End of Chase Street

Date: 03/09/2021
(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 - 2021-03-08-14

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>04L1583AD</u>			Matrix: Fresh/ <u>(Marine)</u> / DI			
Photos: Yes / <u>(No)</u>		Flow: No Flow / Intestinal / Flowing/ NA		Tide: <u>(Rising)</u> Falling/ Slack/ NA		Tide Times: High <u>20:07</u> Low <u>6:19</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	9:59	1.2	.15	VOB	9.54	104.4	8.10	13.08	21666	15.92

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	SA0353110	1/11/22	☒ <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			

H2SO4
LOT# SA0353110
EXP: 01/11/2022



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: 03/09/2021
(mm/dd/yyyy)

WIN ID/ Field ID 6 / 330251GSG WBID: _____ Latitude: 30.412375
(Decimal Degrees)

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

Receiving Body of Water: Pensacola Bay RQ - 2021-03-08-14

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

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# 04L1583AD Matrix: Fresh (Marine) / DI

Photos: Yes (No) Flow: No Flow / Intertidal / Flowing/ NA Tides: (Rising) Falling/ Slack/ NA Tide Times: High 20:07 Low 6:19
(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		5.0								
CEN	10:05	5.0	.15	2.0	9.60	104.6	8.15	13.07	21667	15.68

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	SA0353110	1/11/22	☒ <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-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			

H2SO4
LOT# SA0353110
EXP: 01/11/2022



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: 03/09/2021
(mm/dd/yyyy)

WIN ID/ Field ID 7 / 330258G57

WBID: _____

Latitude: 30.408194
(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.1993333
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-03-08-14

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

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# 04L1583AD Matrix: Fresh Marine / DI

Photos: Yes / No Flow: No Flow / Intestinal / Flowing/ NA

Tide: Rising/ Falling/ Slack/ NA Tide Times: High 20:07 Low 6:19
(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	10:11	4.3	4.3	1.75	9.60	104.8	8.17	12.99	21557	15.68

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	SA0353110	1/11/22	☒ <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			

H2S04
LOT# SA0353110
EXP: 01/11/2022



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: West of Primary Stormdrain

Date: 03/09/21
(mm/dd/yyyy)

WIN ID/ Field ID 8 / 330252658

WBID: _____

Latitude: 30.416528
(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.1974722
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-03-08-14

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

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>04L1583AD</u>	Matrix: Fresh <u>Marine</u> / DI
Photos: Yes <u>No</u>	Flow: No Flow / Intestinal / Flowing/ NA	Tide: <u>Rising</u> / Falling/ Slack/ NA
		Tide Times: High <u>20:07</u> Low <u>6:19</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 (umhos/cm)	Temp. (C°)
EST										
CEN	9:49	.5	.15	VOB	10.51	119.7	8.06	15.07	24690	16.87

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	SA0353110	1/11/22	☒ <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-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 Container(s) Here

H2SO4
Lot# SA0353110
Exp: 01/11/2022



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Date Qualified?

Yes / No

WIN Station Name: West of Hawkshaw Lagoon

Date: 03/09/2021
(mm/dd/yyyy)

WIN ID/ Field ID 9 / 3302J1G59

WBID: _____

Latitude: 30.409444
(Decimal Degrees)

County: Essex

ORG ID: _____

Longitude: 87.2034722
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-03-08-14

Sampling Team Members							Sampling Equipment						
	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	☒ 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>04L1583AD</u>			Matrix: Fresh <u>(Marine)</u> / DI			
Photos: Yes <u>(No)</u>		Flow: No Flow / Intestinal / Flowing/ NA			Tide: <u>(Rising)</u> Falling/ Slack/ NA			Tide Times: High <u>20:07</u> Low <u>6:19</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	10:38	1.0	.15	VOB	9.59	106.4	8.20	13.47	22294	16.43

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>SA0353110</u>	<u>1/11/22</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: South of Bayfront Stormdrain

Date: 03/09/2021
(mm/dd/yyyy)

WIN ID/ Field ID 10 / 330257G510

WBID: _____

Latitude: 30.408194
(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.2050277
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-03-08-14

Sampling Team Members							Sampling Equipment					
	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	☒ 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>04L1583AD</u>	Matrix: Fresh / <u>Marine</u> / DI				
Photos: Yes / <u>No</u>		Flow: No Flow / Intestinal / Flowing/ NA		Tide: <u>Rising</u> / Falling/ Slack/ NA		Tide Times: High <u>20:07</u> Low <u>6:19</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	10:32	1.0	.15	VOB	9.53	105.4	8.18	13.44	22200	16.26

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	SA0353110	1/11/22	☒ <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			

H2SO4
LOT# SA0353110
EXP: 01/11/2022



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Seville Marina Inlet

Date: 03/09/2021
(mm/dd/yyyy)

WIN ID/ Field ID 11 / 330257GS11

WBID: _____ Latitude: 30.407694
(Decimal Degrees)

County: Escambia

ORG ID: _____ Longitude: 87.2074444
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-03-08-14

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

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# 04L1583AD Matrix: Fresh (Marine) DI

Photos: Yes (No) Flow: No Flow / Intestinal / Flowing/ NA

Tide: (Rising) Falling/ Slack/ NA

Tide Times: High 20:07 Low 6:19
(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	.15	UOB	9.51	105.3	8.14	14.13	23310	16.16

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>SA0353110</u>	<u>1/11/22</u>	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☐ W-P04-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-S04-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			

H2SO4
LOT# SA0353110
EXP: 01/11/2022



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: 03/09/2021
(mm/dd/yyyy)

WIN ID/ Field ID 12 / 3302576512

WBID: _____

Latitude: 30.405694
(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.2036666
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-03-08-14

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>04L583AD</u>			Matrix: Fresh/ <u>Marine</u> / DI			
Photos: Yes / <u>No</u>		Flow: No Flow / Intestinal / Flowing/ NA					Tide: <u>Rising</u> Falling/ Slack/ NA		Tide Times: High <u>20:07</u> Low <u>6:19</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	10:16	1.7	.15	VOB	9.69	105.9	8.18	12.80	21265	15.87

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	SA0353110	1/11/22	☒ <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: 3/9/21
(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: Hawkshaw Lagoon

RQ - 2021-03-08-14

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

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# 04L1583AD Matrix: Fresh Marine / DI

Photos: Yes (No) Flow: No Flow / Intestinal / Flowing/ NA

Tide: Rising Falling/ Slack/ NA

Tide Times: High 20:07 Low 6:19
(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	10:45	.5	.15	VOB	10.78	116.2	8.36	4.93	8796	17.52

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	SA0353110	1/11/22	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☐ W-P04-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			

H2SO4
LOT# SA0353110
EXP: 01/11/2022



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: 150ft South of Hawkshaw Lagoon East Stormdrain

Date: 03/09/2021
(mm/dd/yyyy)

WIN ID/ Field ID 14 / 3302J1G57

WBID:

Latitude: 30.413111

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.2011944

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-03-08-14

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

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# 04L1583AD

Matrix: Fresh Marine / DI

Photos: Yes No

Flow: No Flow / Intestinal / Flowing/ NA

Tide: Rising / Falling/ Slack/ NA

Tide Times: High 10:07 Low 6:19

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	11:00	1.0	.15	VOB	10.38	117.1	8.25	13.49	22311	17.32

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	SA0353110	1/11/22	☒ <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			

H2SO4
LOT# SA0353110
EXP: 01/11/2022

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: 04L1583 AD RQ- 2021-03-08-14 Project: Green Shores

- 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 12/17/20 and 3/9/21

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	3/8/21	1515	19.39	760	9.202	9.20	99.9		1.03559	P/F	L/F
ICV	Z. Schang	3/9/21	744	17.31	776	9.605	9.56	99.7		1.03559	P/F	L/F
CCV	Z. Schang	3/9/21	1513	19.13	773.5	9.258	9.18	99.4		1.03559	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 hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Z. Schang	3/8/21	1520	172053	1/6/22	12900	12901	P/F	L/F
ICV	Z. Schang	3/9/21	750	172053	1/6/22	12900	12946	P/F	L/F
CCV	Sorabeth Uriz	3/9/21	1518	172053	1/6/22	12900	12875	P/F	L/F
CCV	Sorabeth Uriz	3/9/21	1520	11L0480	3/8/22	58640	59668	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.	Z. Schang	3/8/21	1528	202905	9/22	7.	18.53	7.00	2.8	P/F	L/F
Calibr.			1533			4.				P/F	L/F
Calibr.	Z. Schang	3/8/21	333	205284	10/22	10.	18.67	9.99	-167.7	P/F	L/F
ICV	Z. Schang	3/9/21	756	202905	9/22	7.0	18.55	7.07	-1.5	P/F	L/F
CCV	Sorabeth Uriz	3/9/21	1526	202905	9/22	7.0	18.96	7.05	0.0	P/F	L/F
CCV	Sorabeth Uriz	3/9/21	1530	205284	10/22	10.0	18.97	10.05	-171.1	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 10 170.5, 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: 3/9/21

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:

Quarterly Temperature Verification Regional Operation Centers

DEP SOP FT 1400; Acceptance Criteria for Temp. $\pm 0.5^{\circ}\text{C}$.

Correction factor needed if acceptance criteria are exceeded.

Record all digits displayed for temperature readings. Do not round before reporting measurements.

Meter ID#: 04L1583AD Date of Last Verification: _____
Date: 12/17/20 Time: 8:19 ETZ / CTZ NIST Reference Device ID#: 192653395
Cold Bath (between 0 – 10°C): Sonde: 8.48 °C; NIST: 8.5 °C; Result: Pass / Fail
Warm Bath (between 30 – 40°C): Sonde: 35.0 °C; NIST: 34.5 °C; Result: Pass / Fail
Is Correction Factor Needed? Y / N If yes, describe: _____
Person Performing Verification: Zach Schang

Comments: _____

Meter ID#: 04L1583AD Date of Last Verification: 12/17/20
Date: 3/9/21 Time: 7:39 ETZ / CTZ NIST Reference Device ID#: 192653395
Cold Bath (between 0 – 10°C): Sonde: 4.88 °C; NIST: 4.9 °C; Result: Pass / Fail
Warm Bath (between 30 – 40°C): Sonde: 38.45 °C; NIST: 38.4 °C; Result: Pass / Fail
Is Correction Factor Needed? Y / N If yes, describe: _____
Person Performing Verification: Zach Schang

Comments: _____

Meter ID#: _____ Date of Last Verification: _____
Date: _____ Time: _____ ETZ / CTZ NIST Reference Device ID#: _____
Cold Bath (between 0 – 10°C): Sonde: _____ °C; NIST: _____ °C; Result: Pass / Fail
Warm Bath (between 30 – 40°C): Sonde: _____ °C; NIST: _____ °C; Result: Pass / Fail
Is Correction Factor Needed? Y / N If yes, describe: _____
Person Performing Verification: _____

Comments: _____

