



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: 11/13/2023

(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 - 2023-11-13-47

Sampling Team Members							Sampling Equipment		
	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	☒ 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: Rising/ <u>Falling</u> / Slack/ NA		Tide Times: High 2:04 PM Low 0:47 PM			

Field Sample

(Bracket Sample Time) 04:06 15:18

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	9:20	1.21	.15	VOB	7.11	90.0	7.88	24.35	38216	19.9

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	143722	1/22/24	☒ <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			

H2504
SER: # 143722
EXP: 01/22/2024



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: 11/13/2023

(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 - 2023-11-13-47

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: Rising/ <u>Falling</u> Slack/ NA		Tide Times: High 2.04f+ Low 0.47f+				

Field Sample

(Bracket Sample Time)

15:18

04:06

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	9:30	7.0	.15	4.0	7.39	95.0	8.00	25.17	39386	20.4

Biological Samples Collected:									
None	HA	SCI	RPS	Algae ID	LVS	LVI	Other:		
SBIO ID Numbers:									
SBIO-ID:	HA-ID:	RPS-ID:	Macrophyte-ID:	LIMS#:					
Parameter Suite	Parameter Methods				Preservation	Lot#	Expiration	pH Check	
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒ Ice ☒ H ₂ SO ₄	143722	1/22/24	☒ <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-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: 11/13/2023

(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 - 2023-11-13-47

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment		
Zach Schang		☒	☒	☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole
Sorabeth Alvarenga		☒	☒	☒	☒	☒	☒	☒	☐ Carboy	☐ Syringe	
Alex Stelkow		☒	☒	☒	☒	☒	☒	☒	☐ 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: Rising/ <u>Falling</u> / Slack/ NA		Tide Times: High 2.04ft Low 0.47ft					

Field Sample

(Bracket Sample Time)

09:06

15:18

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	4.25	.15	3.75	7.19	93.9	8.06	26.70	41179	20.7

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	143722	1/22/24	☒ <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-PCQL-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: 11/13/2023

(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 - 2023-11-13-47

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment		
Zach Schang		☒	☒	☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole
Sarabeth Alvarenga		☒	☒	☒	☒	☒	☒	☒	☐ Carboy	☐ Syringe	
Alex Strelkow		☒	☒	☒	☒	☒	☒	☒	☐ Dipper	☐ Other	
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: Rising/ <u>Falling</u> / Slack/ NA		Tide Times: High 2.04 ft Low 0.47 ft					

Field Sample

04:06

15:18

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	9:47	3.5	.15	3.0	7.04	92.7	8.09	27.67	42935	20.9

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	143722	1/22/24	☒ <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: End of Chase Street

Date: 11/13/2023

(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 - 2023-11-13-47

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: Rising/ <u>Falling</u> / Slack/ NA		Tide Times: High 2.04 ft. Low 0.47 ft.		(Bracket Sample Time) 04:06 15:18					

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	10:02	2.0	.15	UOB	6.84	88.7	7.97	26.40	41156	20.4

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:							
SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:							
Parameter Suite	Parameter Methods			Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP			☒ Ice ☒ H ₂ SO ₄	143722	1/22/24	☒ <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-PCIL-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 Muscogee and Hawkshaw

Date: 11/13/2023

(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 - 2023-11-13-47

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment		
Zach Schang		☒	☒	☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole
Sarabeth Alvarenga		☒	☒	☒	☒	☒	☒	☒	☐ Carboy	☐ Syringe	
Alex Stelkow		☒	☒	☒	☒	☒	☒	☒	☐ Dipper	☐ Other	
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: Rising/ <u>Falling</u> / Slack/ NA		
		Tide Times: High 2.04pt Low 0.44pt									

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	10:07	4.75	1.15	4.0	7.42	95.8	8.04	25.79	40291	20.5

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	143722	11/24/24	☒ <2		
Metals	☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3		11/22/24	☐ <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 Bridge and Port Spoil Pond

Date: 11/13/2023

(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 - 2023-11-13-47

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	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	
Zach Schang		✓		✓		✓					
Sarabeth Alvaranga				✓		✓					
Alex Streikow				✓							
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: Rising/ <u>Falling</u> Slack/ NA		Tide Times: High 04:06 Low 15:18					

Field Sample

(Bracket Sample Time)

2.04 ft

0.47 ft

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	10:15	5.0	.15	4.0	7.43	96.4	8.08	26.49	41268	20.5

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	143722	1/22/24	☒ <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: West of Primary Stormdrain

Date: 11/13/2023

(mm/dd/yyyy)

WIN ID/ Field ID 8/3302J2GS8

WBID:

Latitude: 30.416528

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.1979722

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2023-11-13-47

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Zach Schang		✓		✓		✓		
Sarabeth Alvarenga			✓		✓			
Alex Strelkow			✓					

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: Rising / <u>Falling</u> / Slack/ NA
Tide Times: High 04:06 Low 15:18		

Field Sample

(Bracket Sample Time)

2.04 ft 0.47 ft

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	9:54	1.0	.15	VOB	6.90	90.1	8.00	26.82	41756	20.7

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	143722	1/22/24	☒ <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			



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: West of Hawkshaw Lagoon

Date: 11/13/2023

(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 - 2023-11-13-47

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: Rising/ <u>Falling</u> / Slack/ NA		Tide Times: High 04:06 Low 15:18		(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	10:46	1.5	.15	V0B	7.21	93.2	8.04	26.32	41034	20.4

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	143722	1/22/24	☒ <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: 11/13/2023

(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 - 2023-11-13-47

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Zach Schang		✓		✓		✓		
Sorabeth Alvarenga			✓		✓			
Alex Strelkow			✓					

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: Rising/ <u>Falling</u> / Slack/ NA
Tide Times: High 04:06 Low 15:18		

Field Sample

(Bracket Sample Time)

2.04 ft 0.47 ft

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	10:39	1.75	1.5m 1.7m	VOB	7.25	93.6	8.00	25.92	40460	20.4

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	143722	1/22/24	☒ <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-PCP-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: 11/13/2023

(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 - 2023-11-13-47

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
	☒	☒	☒	☒	☒	☒	☒
	☒	☒	☒	☒	☒	☒	☒
	☒	☒	☒	☒	☒	☒	☒
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: Rising/ <u>Falling</u> / Slack/ NA		Tide Times: High 04:06 Low 15:18	

Field Sample

(Bracket Sample Time)

2.04 ft

0.47 ft

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	108	6.61	83.0	7.75	22.47	35555 37 2	20.5

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	143722	1/22/24	☒ <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: 11/13/2023

(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 - 2023-11-13-47

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Zach Schang		✓		✓		✓		
Sarabeth Alvarenga				✓		✓		
Alex Strelkow				✓				

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: Rising/ <u>Falling</u> / Slack/ NA
Tide Times: High 04:06 Low 15:18		

Field Sample

(Bracket Sample Time)

2.04ft

0.47ft

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	10:25	4.75	.15	3.75	7.43	96.7	8.09	26.55	41352	20.6

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	143722	1/22/24	☒ <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-PCP-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: 11/13/2023

(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 - 2023-11-13-47

Sampling Team Members							WQ Measurements		Sample Collection		Documentation		Preservation		Preservation Check		Duplicate Collection		Blank Collection	
Zach Schang							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sarabeth Alvarenga								✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Alex Strelkav								✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

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: Rising/ <u>Falling</u> / Slack/ NA
Tide Times: High 04:06 Low 15:18		(Bracket Sample Time) 2:04 PM 0:47 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 (µmhos/cm)	Temp. (C°)
EST										
CEN	11:03	1.0	.15	100	7.07	86.9	7.55	19.34	31025	19.8

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 ☒ H ₂ SO ₄	143722	1/22/24	☒ <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-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: 11/13/2023
(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 - 2023-11-13-47

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment		
Zach Schang		☒	☒	☒	☒	☐	☐	☒ Sample Container	☐ Van Dorn	☐ Pole
Sarabeth Alvarenga		☐	☒	☒	☐	☐	☐	☐ Carboy	☐ Syringe	
Alex Strelkow		☐	☒	☐	☐	☐	☐	☐ 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 / Intertidal/ <u>Flowing</u> / NA		Tide: Rising/ <u>Falling</u> / Slack/ NA		Tide Times: High 04:06 Low 15:18				

Field Sample

(Bracket Sample Time)

2.04 ft

0.47 ft

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		0.66								
CEN	11:16	0.15	0.15	100	6.96	88.7	7.90	25.94	40514	14.7

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	143722	1/22/24	☒ <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				

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: 2023-11-13-47

Project: GreenShore

- 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 11/13/23

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.	Zach Schang	11/13/23	8:02a	19.3	9.239	9.29	100.8%		1014657	☒ F	☒ F
ICV	Zach Schang	11/13/23	8:10a	19.6	9.165	9.25	100.9%			☒ F	☒ F
CCV	Zach Schang	11/13/23	2:03p	19.6	9.165	9.26	101.1%			☒ F	☒ F
CCV										P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

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.	Zach Schang	11/13/23	8:12a	23H100016	1/27/25	50,000	50,009	☒ F	☒ F
ICV	Zach Schang	11/13/23	8:15a	2212666	11/24	10,000	10,094	☒ F	☒ F
CCV	Zach Schang	11/13/23	2:07p	23H100016	1/27/25	49974	49974	☒ F	☒ F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Zach Schang	11/13/23	8:18a	231678	5/25	7.04	7.01	-19.5	☒ F	☒ F
Calibr.						4.0			P / F	L / F
Calibr.	Zach Schang	11/13/23	8:21a	221687	6/24	10.04	10.04	-192.7	☒ F	☒ F
ICV	Zach Schang	11/13/23	8:26a	M251-08	9/14/24	4.00	3.91	158.9	☒ F	☒ F
CCV	Zach Schang	11/13/23	2:10p	231678	5/25	7.01	7.17	-29.9	☒ F	☒ F
CCV	Zach Schang	11/13/23	2:15p	221687	6/24	10.06	10.18	-200.7	☒ F	☒ 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 10 173.2, 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:

