



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: 08/14/2023

(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 - 2023-08-14-02

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Zach Schang		☒	☒	☒	☒	☒	☒	☒
Sorabeth Alvarenga		☒	☒	☒	☒	☒	☒	☒
Callie Houck / Courtney Browning		☒	☒	☒	☒	☒	☒	☒

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/ <u>High</u> / Flooded	Meter ID# 21E102402	Matrix: Fresh / <u>Marine</u> / DI
Photos: Yes / No	Flow: No Flow / Intertidal / <u>Flowing</u> / NA	Tides: <u>Rising</u> / Falling / Slack / NA
Tide Times: High 2:01 PM Low 11:17 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 (µmhos/cm)	Temp. (C°)
EST										
CEN	9:26	2.0	.15	VOR	5.35	80.3	7.65	17.16	28118	32.0

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	SA2299040	11/4/23	☒ <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			

H2SO4
LOT# SA2299040
EXP: 11/04/2023

Here



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: 08/14/2023

(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 - 2023-08-14-02

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation Check	Duplicate Collection	Blank Collection	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: <u>Dry/ Pooled/ Low/ Normal/ High/ Flooded</u>							Meter ID# <u>21E102402</u>		
Matrix: <u>Fresh/ Marine/ DI</u>									
Photos: <u>Yes / No</u>							Flow: <u>No Flow / Intestinal/ Flowing/ NA</u>		
Tides: <u>Rising/ Falling/ Slack/ NA</u>							Tide Times: <u>High L 0.15 ft Low H 1.72 ft</u>		

Field Sample

(Bracket Sample Time) 15:18
2:30 am

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Sp COND (µmhos/cm)	Temp. (C°)
EST										
CEN	9:37		.15	2.75	6.51	98.0	7.97	19.40	31407	31.4

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	SA2299040	11/4/23	☒ <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: 08/14/2023

(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 - 2023-08-14-02

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/ Low/ Normal/ <u>High</u> / Flooded							Meter ID# 21E102402		Matrix: Fresh / <u>Marine</u> / DI	
Photos: Yes / No							Flow: No Flow / Intertidal / <u>Flowing</u> / NA		Tide: <u>Rising</u> / Falling / Slack / NA	
							Tide Times: High <u>0.15ft</u> Low <u>1.72ft</u>			

Field Sample

(Bracket Sample Time)

2:36

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	9:45	3.65 4.0	.15	2.5	6.44	97.6	7.98	19.76	31936	31.6

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	SA2299040	11/4/23	☒ <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-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)

QA/QC Sample Information

Duplicate

Time Zone: EST CEN Time: 9:48 Field ID: FB (WIN ID_DUP)

WIN DMT Activity ID:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H ₂ SO ₄			☐ < 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			
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			

Place Preservative Sticker(s) Here
(If Available)

Blank

Time Zone: EST CEN Time: 9:48 Field ID: FB (Blank Type_MMDDYYYY)

DI Source: Downtown Lab Location: 3302J2G53 (3)

☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank Equipment ID: Carbay 1

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>SA2299040</u>	<u>11/4/25</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 ☐ Enterococci				

Notes:

H2SO4
SER: # 143722
EXP: 01/22/2024

Signature: [Signature] Date: 8/14/23

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: _____
(Initials/Date) (Initials/Date)

Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data In WIN: _____
(Initials/Date) (Initials/Date) (Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: South of Primary Stormdrain

Date: 08/14/2023

(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 - 2023-08-14-02

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/ Low/ Normal/ <u>High</u> / 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 <u>0:15 ft</u> Low <u>1:72 ft</u>		

Field Sample

(Bracket Sample Time)

2:36

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	9:57	3.35	.15	2.5	5.99	92%	7.93	21.22	34108	32.0

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	SA2299040	11/4/23	☒ <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			



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: End of Chase Street

Date: 08/14/2023

(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 - 2023-08-14-02

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Zach Schang		✓		✓		✓		
Sarabeth Alvarenga			✓		✓			
Callie Hauck / Courtney Browning			✓					

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

Tides: Rising Falling/ Slack/ NA

Tide Times: High 0.15 ft low 1.72 ft

Field Sample

(Bracket Sample Time)

2:36

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				VOB						
CEN	10:12	2.74	.15	2.75	5.53	84.9	7.86	21.00	33374	32.1

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	SA2299040	11/4/23	☒ <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: Midpoint Between Muscogee and Hawkshaw

Date: 08/14/2023

(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 - 2023-08-14-02

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment	
Zach Schong		✓		✓		✓			☒ Sample Container	☐ Van Dorn ☐ Pole
Sarabeth Alvarenga			✓		✓				☐ Carboy	☐ Syringe
Callie Hauck / Courtney Browning			✓						☐ Dipper	☐ Other
Water Level: Dry/ Pooled/ Low/ Normal/ <u>High</u> / Flooded		Meter ID# ZIE102402							Matrix: Fresh <u>Marine</u> / DI	
Photos: Yes / No		Flow: No Flow / Intestinal / <u>Flowing</u> / NA		Tides: <u>Rising</u> / Falling/ Slack/ NA		Tide Times: High <u>0.15 ft</u> - low <u>1.72 ft</u>				

Field Sample

(Bracket Sample Time)

2:36

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	10:23	5.0*	.15	3.0	6.30 6.30	96.7	7.99	21.25	34133	31.9

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 ☒ H ₂ SO ₄	SA2299040	11/4/23	☒ <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: Midpoint Between Bridge and Port Spoil Pond

Date: 08/14/2023

(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 - 2023-08-14-02

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	
Callie Houck / Courtney Browning		☒	☒	☒	☒	☒	☒	☒	☐ Dipper	☐ Other	
Water Level: Dry/ Pooled/ Low/ Normal/ <u>High</u> / Flooded		Meter ID# 21E102402							Matrix: Fresh / <u>Marine</u> / DI		
Photos: Yes / No		Flow: No Flow / Intestinal / <u>Flowing</u> / NA							Tides: <u>Rising</u> / Falling / Slack / NA		
		Tide Times: High L 0.15 ft low H 1.72 ft									

Field Sample

(Bracket Sample Time)

2:36

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	10:30	4.5	.15	3.0	6.68	101.5	8.02	19.88	32125	31.7

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 ☒ H ₂ SO ₄	SA2299040	11/4/23	☒ <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 Primary Stormdrain

Date: 08/14/2023

(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 - 2023-08-14-02

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment		
							Sample Container	Van Dorn	Pole
Zach Schang	✓	✓	✓	✓	✓	✓	☒ Sample Container	☐ Van Dorn	☐ Pole
Sarahbeth Alvarenga		✓	✓	✓	✓	✓	☐ Carboy	☐ Syringe	
Callie Houck / Courtney Browning		✓	✓	✓	✓	✓	☐ Dipper	☐ Other	
Water Level: Dry/ Pooled/ Low/ Normal/ <u>High</u> / Flooded							Depth Measured with: <u>Boat sonar</u>		
Meter ID# <u>21E102402</u>							Matrix: Fresh/ <u>Marine</u> / DI		
Photos: Yes / No							Equipment ID _____		
Flow: No Flow / Intertidal / <u>Flowing</u> / NA							Collection Method		
Tide: <u>Rising</u> / Falling/ Slack/ NA							☐ Wading ☐ Canoe/Kayak		
Tide Times: High <u>10:16</u> Low <u>8:52</u>							☐ From Shore ☐ Electric Motor		
							☐ Other ☒ Gasoline Motor		

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	1.0	.15	VOB	5.13	79.1	7.80	21.31	34185	32.1

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	SA2299040	11/4/23	☒ <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			



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: West of Hawkshaw Lagoon

Date: 08/14/2023

(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 - 2023-08-14-02

Sampling Team Members							Sampling Equipment			
	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	☒ Sample Container	☐ Van Dorn	☐ Pole
Zach Schang	☒	☒	☒	☒	☒	☒	☒	☐ Carboy	☐ Syringe	
Sarahbeth Alvarenga	☒	☒	☒	☒	☒	☒	☒	☐ Dipper	☐ Other	
Callie Hawk/Courtney Browning	☒	☒	☒	☒	☒	☒	☒	Depth Measured with: Boat sonar		
Water Level: Dry/ Pooled/ Low/ Normal/ <u>High</u> / Flooded							Meter ID# 21E102402	Matrix: Fresh / Marine / DI		
Photos: Yes / No		Flow: No Flow / Intertidal / <u>Flowing</u> / NA		Tide: <u>Rising</u> / <u>Falling</u> / Slack / NA		Tide Times: High <u>0.15H</u> Low <u>H 1.72H</u>				
Field Sample							(Bracket Sample Time) 2:36 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	10:58	1.78	.15	VOB	4.81	74.0	7.72	20.85	33540	32.2

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	SA2299040	11/4/25 ☒ <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-CHC / 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: 08/14/2023

(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 - 2023-08-14-02

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/ Low/ Normal/ <u>High</u> / 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 <u>0:15</u> Low <u>4:17</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	10:52	1.21	1.15	WB	5.24	80.8	7.84	22.13	35417	32.1

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	SA229A040	11/4/23 ☒ <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		



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Seville Marina Inlet

Date: 08/14/2023

(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 - 2023-08-14-02

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	
Callie Houck / Courtney Branning		☒	☒	☒	☒	☒	☒	☒	☐ Dipper	☐ Other	
Water Level: Dry/ Pooled/ Low/ Normal/ <u>High</u> / Flooded		Meter ID# <u>21E102402</u>							Matrix: Fresh / <u>Marine</u> / DI		
Photos: Yes / No		Flow: No Flow / Intestinal / <u>Flowing</u> / NA							Tides: <u>Rising</u> / Falling / Slack / NA		
		Tide Times: High <u>L 0.15 ft</u> Low <u>H 1.72 ft</u>							(Bracket Sample Time)		

Field Sample

2:36

(Bracket Sample Time)

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	10:47	1.0	.15	VOR	5.11	79.1	7.82	20.46	33051	32.5

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	SA2299040	11/4/23	☒ <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 of Port Spoil Pond

Date: 08/14/2023

(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 - 2023-08-14-02

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment							
Zach Schang Sarabeth Alvarenga Callie Hawk / Portney Browning						☒	☒	☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole					
													☐ Carboy	☐ Syringe						
													☐ Dipper	☐ Other						
													Depth Measured with: Boat sonar							
Equipment ID												Collection Method								
Water Level: Dry/ Pooled/ Low/ Normal/ High/ Flooded												Meter ID# 21E102402			Matrix: Fresh / Marine / DI					
Photos: Yes / No												Flow: No Flow / Intertidal / Flowing / NA			Tide: Rising / Falling / Slack / NA			Tide Times: High 2 0.15ft Low H 1.72ft		

Field Sample

2:36

(Bracket Sample Time)

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	10:39	1.82	.15	NOB	5.63	86.4	7.85	20.71	33354	32.2

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	SA2299040	11/4/23	☒ <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-CH-IC / W-COLOR / W-SO4-IC / W-TDS			☐ Ice			
Physical/Aggregate (Marine)	☒ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY			☒ Ice			
Macroinvertebrates	☐ MI-FW-QLDC			☐ Formalin			
Periphyton	☐ ALGAE-ID			☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☒ Enterococci			☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD			☐ Ice			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI			☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-MS ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-DI ☐ W-CARB-AA			☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C			☐ Ice			

Sampler's initials :

Method of transport: _____
on ice by automobile _____

Page 1 of 1

Samples delivered by: Zach Shanof FDEP

Date/Time: 8/14/23, 1327

Sample received by: [Signature] of WRL

Date/Time: 08/19/23, 1327

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

[illegible]

Comments	sample container lot#	L21347
	Pot# C1E884	"Samples are ambient water and not suspected to contain chlorine."

RQ-2023-08-14-02

Contact organization
FDEP

Contact name Zach Schang

Phone: (850) 471-6027

Address 1600 Governmental Center, suite 308 Pensacola, FL 32502

Sampler's name: Zach Schans

1. Matrix: SW = surface water, PW = pore water, GW = ground water, S = soil/sediment, X = MARINE WATER

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

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 nmap

Meter ID: 21E102402 RQ: 2023-08-14-02 Project: GreenShores

21E102402

- 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 8/14/23

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	8/14/23	8:10	29.9	7.572	7.61	100.0%		1.0118	☒ P / ☐ F	☒ L / ☐ F
ICV	Zach Schang	8/14/23	8:19	29.5	7.625	7.63	100.7%			☒ P / ☐ F	☒ L / ☐ F
CCV	Zach Schang	8/14/23	2:21	30.5	7.533	7.61	100.9			☒ P / ☐ F	☒ L / ☐ F
CCV				30.2						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; 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.	Zach Schang	8/14/23	8:22	2212666	11/24	10,000	10,000	☒ P / ☐ F	☒ L / ☐ F
ICV	Zach Schang	8/14/23	8:28	220425	11/23	50,000	49,350	☒ P / ☐ F	☒ L / ☐ F
CCV	Zach Schang	8/14/23	2:30	2212666	11/24	10,000	9986	☒ P / ☐ F	☒ L / ☐ F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Zach Schang	8/14/23	8:35	223156	6/24	7.0	7.00	-55.8	☒ P / ☐ F	☒ L / ☐ F
Calibr.						4.0			P / F	L / F
Calibr.	Zach Schang	8/14/23	8:40	221687	6/24	10.0	9.99	-234.4	☒ P / ☐ F	☒ L / ☐ F
ICV	Zach Schang	8/14/23	8:43	122805	9/24	4.0	3.94	127.6	☒ P / ☐ F	☒ L / ☐ F
CCV	Zach Schang	8/14/23	2:33	223156	6/24	7.0	7.09	-61.2	☒ P / ☐ F	☒ L / ☐ F
CCV	Zach Schang	8/14/23	2:36	221687	6/24	10.0	9.90	-228.2	☒ 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 10 178.6, 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:

Cooler Packing Worksheet for Request: RQ-2023-08-14-02

Project GreenShores Quarterly Sampling

Ship Cooler On: 8/7/2023

Customer/Project: NW-DIST/DISTRICT

Assigned To: KREUCH_B

Requester: Beth Fugate

Priority: 3

850-471-6028
3000 Environmental Place

Pensacola, FL 32514

Attn: Beth Fugate

Comments:

Bottle Group A; Nutrients; Contract Lab Bacteria

Bottle Group B; Field Blank Nutrient

Packing Notes:

1 box sulfuric acid

FedEx Return Label

Requested Analyses:

Bottle Group: A

of Sites: 14

Container ID: BP-1L

Qty: 14 Preservation: ICE

Lot # 1381201

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: TEST HAS NO BOTTLE Qty: 14 Preservation: ICE

Lot #

Description: Do not ship container for this test.

Analysis

NW-UWF-ENQ

Description

Enterococci by Enterolert/QT by UWF in Pensacola

Container ID: P-1L

Qty: 14 Preservation: ICE

Lot # 00086408

Description: Plastic Bottle 1L

Analysis

TURBIDITY

W-COLOR

W-TSS

Description

Turbidity in aqueous matrices

True Color measured at 450 nm (not valid for NPDES monitoring)

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample



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: 08/14/2023

(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 - 2023-08-14-02

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: <u>Boat sonar</u>		
									Equipment ID _____		
									Collection Method		
									☐ Wading	☐ Canoe/Kayak	
									☐ From Shore	☐ Electric Motor	
									☐ Other	☒ Gasoline Motor	
Water Level: <u>Dry/ Pooled/ Low/ Normal/ <u>High</u>/ Flooded</u>		Meter ID# <u>21E102402</u>						Matrix: <u>Fresh</u> / <u>Marine</u> / DI			
Photos: <u>Yes / No</u>		Flow: <u>No Flow / Intestinal / <u>Flowing</u> / NA</u>						Tide: <u>Rising</u> / <u>Falling</u> / <u>Slack</u> / NA		Tide Times: <u>High</u> <u>0.15 ft</u> <u>Low</u> <u>1.72 ft</u>	

Field Sample

(Bracket Sample Time)

2:36

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	<u>11:15</u>	<u>1.0</u>	<u>.15</u>	<u>NOB</u>	<u>6.08</u>	<u>90.9</u>	<u>7.81</u>	<u>9.98</u>	<u>17182</u>	<u>34.1</u>

Biological Samples Collected:						
None	HA	SCI	RPS	Algae ID	LVS	LVI Other:
SBIO ID Numbers:						
SBIO-ID:	HA-ID:	RPS-ID:	Macrophyte-ID:	LIMS#:		
Parameter Suite	Parameter Methods			Preservation	Lot#	Expiration pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			☒ Ice ☒ H ₂ SO ₄	<u>5A22990410</u>	<u>11/4/23</u> ☒ <2
Metals	☐ W-JCPMS ☐ 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: 150 ft. South of Hawkshaw Lagoon East Stormdrain

Date: 08/14/2023

(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 - 2023-08-14-02

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/ Low/ Normal/ <u>High</u> / 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 <u>0.15 ft</u> Low <u>1.72 ft</u>					

Field Sample

(Bracket Sample Time)

2:36

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	11:23	1.0	.15	100	5.96	90.3	7.84	19.65	32080	32.8

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	5A2294040	11/4/23	☒ <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				