



Conductivity recorded in wrong units on sonde. Conversion completed manually to record correct units for conductivity. Verified by Zach Schang.

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: 06/14/2021
(mm/dd/yyyy)

WIN ID/ Field ID 1 / 3302H32G51

WBID: _____

Latitude: 30.420278

(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.1831944

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-06-14-07

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Z. Schang		✓	✓	✓	✓	✓	✓	✓
B. Fugate		✓	✓	✓	✓	✓	✓	✓
S. 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/ <u>High</u> / Flooded		Meter ID# <u>04L1583AD</u>	Matrix: Fresh / <u>Marine</u> / DI
Photos: Yes / <u>No</u>	Flow: No Flow / Intertidal / <u>Flowing</u> / NA	Tide: <u>Rising</u> / Falling / Slack / NA	Tide Times: High <u>13:28pm</u> Low <u>12:25am</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									MB 23260	
CEN	10:12	1.5	.15	VOB	7.28	102.5	7.99	13.99	23.26	29.19

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	SA1105060	4/30/22	☒ <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# SA1105060
EXP: 04/30/2022



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Conductivity recorded in wrong units on sonde. Conversion completed manually to record correct units for conductivity. Verified by Zach Schang.

Data Qualified?

Yes / No

WIN Station Name: Midpoint between Bay Bridge and Muscogee Wharf

Date: 06/14/2021
(mm/dd/yyyy)

WIN ID/ Field ID 2/330258052

WBID: _____

Latitude: 30.411722

(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.1936111

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-06-14-07

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Z. Schang		✓		✓		✓		
B. Fugate			✓					
S. 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/ <u>(High)</u> Flooded	Meter ID# <u>04L1583AD</u>	Matrix: Fresh/ <u>(Marine)</u> / DI
Photos: Yes <u>(No)</u>	Flow: No Flow / Intertidal/ <u>(Flowing)</u> / NA	Tide: <u>(Rising)</u> / Falling/ Slack/ NA
Tide Times: High <u>13:28</u> Low <u>12:25am</u>		

Field Sample

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Sp COND (µmhos/cm)	Temp. (C°)
EST									MB 24160	
CEN	10:30	5.0	.15	2.0	7.27	102.6	7.99	14.56	24.16	29.10

Biological Samples Collected:	None	HA	SCI	RPS	Algae ID	LVS	LVI	Other:
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SBIO ID Numbers:	SBIO-ID: _____	HA-ID: _____	RPS-ID: _____	Macrophyte-ID: _____	LIMS#: _____
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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	SA1105060	4/30/22	☒ <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# SA1105060
EXP: 04/30/2022



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Conductivity recorded in wrong units on sonde. Conversion completed manually to record correct units for conductivity. Verified by Zach Schang.

Data Qualified?

Yes / No

WIN Station Name: East end of primary storm drain

Date: 06/14/2021
(mm/dd/yyyy)

WIN ID/ Field ID 3 / 330252053

WBID: _____

Latitude: 30.41611

(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.19425

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-06-14-07

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Z. Schang		✓	✓	✓	✓	✓	✓	✓
B. Fugate			✓					
S. 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/ <u>High</u> / Flooded	Meter ID# <u>04L1583AD</u>	Matrix: Fresh / <u>Marine</u> / DI
Photos: Yes / <u>No</u>	Flow: No Flow / Intestinal / <u>Flowing</u> / NA	Tide: <u>Rising</u> / Falling / Slack / NA
Tide Times: High <u>13:28</u> Low <u>12:25am</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									MB 25650	
CEN	10:40	4.0	.15	2.0	7.22	102.6	8.01	15.57	25.65	29.23

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	SA1105060	4/30/22	☒ <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# SA1105060
EXP: 04/30/2022



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: South of Primary Stormdrain

Date: 06/14/2021
(mm/dd/yyyy)

WIN ID/ Field ID 4 / 3302J2G54

WBID: _____

Latitude: 30.416667
(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.196611
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-06-14-07

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Z. Schang		✓		✓	✓			
B. Fungate			✓					
S. 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/ <u>High</u> / Flooded	Meter ID# <u>04L1583AD</u>	Matrix: Fresh <u>Marine</u> / DI
Photos: Yes ☒ No ☐	Flow: No Flow / Intestinal / <u>Flowing</u> / NA	Tide: <u>Rising</u> / Falling / Slack / NA
Tide Times: High <u>13:28</u> Low <u>12:25am</u>		

Field Sample

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Sp COND (µmhos/cm)	Temp. (C°)
EST									MB 25290	
CEN	10:50	2.25	.15	2.0	7.21	102.7	8.02	15.32	25.29	29.40

Biological Samples Collected:		None	HA	SCI	RPS	Algae ID	LVS	LVI	Other:
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SBIO ID Numbers:	SBIO-ID:	HA-ID:	RPS-ID:	Macrophyte-ID:	LIMS#:
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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	SA1105060	4/30/22	☒ <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# SA1105060
EXP: 04/30/2022



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: End of Chase Street

Date: 06/14/2021
(mm/dd/yyyy)

WIN ID/ Field ID 5 / 3302J2G55

WBID: _____

Latitude: 30.415528
(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.1980277
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-06-14-07

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Z. Schang		✓	✓	✓	✓	✓		
B. Fugate			✓	✓	✓	✓		
S. 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/ <u>(High)</u> Flooded	Meter ID# <u>04L1583AD</u>	Matrix: Fresh / <u>(Marine)</u> / DI
Photos: Yes <u>(No)</u>	Flow: No Flow / Intestinal / <u>(Flowing)</u> / NA	Tide: <u>(Rising)</u> Falling / Slack / NA
Tide Times: High <u>13:28</u> Low <u>12:25pm</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									MB 24960	
CEN	11:06	2.0	.15	VOB	7.26	103.7	8.02	15.09	24.96	29.61

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>SA1105060</u>	<u>4/30/22</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-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# SA1105060
EXP: 04/30/2022



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: 06/14/2021
(mm/dd/yyyy)

WIN ID/ Field ID 6 / 3302J1GSG WBID: _____ Latitude: 30.412375
(Decimal Degrees)

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

Receiving Body of Water: Pensacola Bay RQ - 2021-06-14-07

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Check	Duplicate Collection	Blank Collection
Z. Schang		✓		✓		✓		
B. Fugate			✓					
S. 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 Tide: (Rising) / Falling / Slack / NA Tide Times: High 13:28 Low 12:25am
(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									MB 24630	
CEN	11:15	5.0	1.5	2.0	7.28	103.8	8.02	14.88	24.63	29.57

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	SA1105060	4/30/22	☒ <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# SA1105060
EXP: 04/30/2022



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: 06/19/2021
(mm/dd/yyyy)

WIN ID/ Field ID 7 / 3302J8G57 WBID: _____ Latitude: 30.408194
(Decimal Degrees)

County: Escambia ORG ID: _____ Longitude: 87.1993333
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay RQ - 2021-06-14-07

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Z. Schang		✓		✓		✓		
B. Fugate			✓					
S. 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# 0421583AD Matrix: Fresh Marine / DI

Photos: Yes / No Flow: No Flow / Intestinal Flowing / NA Tides: Rising / Falling / Slack / NA Tide Times: High 13:28 Low 12:25am
(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									MB 24220	
CEN	11:20	5.0	.15	2.25	7.31	104.1	8.03	14.61	24.22	29.59

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>SA1105060</u>	<u>4/30/22</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-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-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# SA1105060
EXP: 04/30/2022



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: West of primary stormdrain

Date: 06/14/2021
(mm/dd/yyyy)

WIN ID/ Field ID 8/330252658

WBID: _____

Latitude: 30.416528
(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.197922
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-06-14-07

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Z. Schang		✓		✓		✓		
B. Fugate			✓					
S. Uitz			✓	✓				

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

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

Water Level: Dry/ Pooled/ Low/ Normal/ <u>(High)</u> Flooded	Meter ID# <u>04L1583AD</u>	Matrix: Fresh / <u>(Marine)</u> / DI
Photos: Yes / <u>(No)</u>	Flow: No Flow / Intestinal / <u>(Flowing)</u> / NA	Tide: <u>(Rising)</u> / Falling / Slack / NA
Tide Times: High <u>13:28</u> Low <u>12:25am</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									MB 25600	
CEN	10:58	1.0	.15	VOB	6.80	97.4	7.92	15.53	2560	29.60

Biological Samples Collected:		None	HA	SCI	RPS	Algae ID	LVS	LVI	Other:
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SBIO ID Numbers:		SBIO-ID:	HA-ID:	RPS-ID:	Macrophyte-ID:	LIMS#:
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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	SA1105060	4/30/22	☒ <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# SA1105060
EXP: 04/30/2022



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: West of Hawkshaw Lagoon

Date: 06/14/2021
(mm/dd/yyyy)

WIN ID/ Field ID 9 / 3302J1G59

WBID: _____

Latitude: 30.409444
(Decimal Degrees)

County: Escambia

ORG ID: _____

Longitude: 87.2034722
(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2021-06-14-07

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: Dry/ Pooled/ Low/ Normal ☒ High/ Flooded				Meter ID# <u>04L1583AD</u>		Matrix: Fresh ☒ Marine/ DI	
Photos: Yes / ☒ No		Flow: No Flow / Intestinal ☒ Flowing/ NA		Tide: ☒ Rising/ Falling/ Slack/ NA		Tide Times: High <u>13:28</u> Low <u>12:25am</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									MB 25040	
CEN	11:45	1.25	.15	VOB	7.19	103.0	8.02	15.15	25.04	29.79

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	SA1105060	4/30/22	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☐ W-PQ4-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# SA1105060
EXP: 04/30/2022



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: South of Bayfront stormdrain

Date: 06/14/2021

(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 - 2021-06-14-07

Sampling Team Members							WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Z. Schang							☒	☒	☒	☒	☒	☒	☒
B. Fugate							☒	☒	☒	☒	☒	☒	☒
J. 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: <u>Dry</u> / Pooled / Low / Normal / <u>High</u> / Flooded	Meter ID# <u>04L1583AD</u>	Matrix: <u>Fresh</u> / <u>Marine</u> / DI
Photos: Yes / <u>No</u>	Flow: No Flow / Intertidal / <u>Flowing</u> / NA	Tides: <u>Rising</u> / Falling / Slack / NA
Tide Times: High <u>13:28</u> Low <u>12:25am</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									MB 25150	
CEN	11:40	1.5	.15	VOB	7.17	102.7	8.03	15.21	25.15	29.72

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	SA1105060	4/30/22	☒ <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-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-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 Marine Inlet

Date: 06/14/2021
(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 - 2021-06-14-07

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	
Z. Schang		✓		✓		✓			Water Level: Dry/ Pooled/ Low/ Normal/ <u>(High)</u> / Flooded		
B. Fusate				✓					Meter ID# <u>04L1583AD</u> Matrix: Fresh <u>(Marine)</u> / DI		
S. Uriz				✓	✓				Photos: Yes <u>(No)</u> Flow: No Flow / Intestinal <u>(Flowing)</u> / NA		
									Tides: <u>(Rising)</u> / Falling/ Slack/ NA Tide Times: High <u>13:28</u> Low <u>12:25am</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									MB 24990	
CEN	11:32	1.0	.15	VOB	7.42	106.1	8.05	15.13	2499	29.67

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	SA1105060	4/30/22	☒ <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-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# SA1105060
EXP: 04/30/2022



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Conductivity recorded in wrong units on sonde. Conversion completed manually to record correct units for conductivity. Verified by Zach Schang.

Date Qualified?

Yes / No

WIN Station Name: East of port spoil pond

Date: 06/14/21
(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 - 2021-06-14-07

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Z. Schang		✓		✓		✓		
B. Fugate			✓					
S. 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/ <u>High</u> / Flooded		Meter ID# <u>04L1583AD</u>	Matrix: Fresh/ <u>Marine</u> / DI
Photos: Yes / <u>No</u>	Flow: No Flow / Intestital/ <u>Flowing</u> / NA	Tide: <u>Rising</u> / Falling/ Slack/ NA	Tide Times: High <u>13:28</u> Low <u>12:25am</u>

Field Sample

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Sp COND (µmhos/cm)	Temp. (C°)
EST									MB 24770	
CEN	11:25	4.0	.15	2.25	7.28	104.2	8.04	14.97	24.77	29.84

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	SA1105060	4/30/22	☒ <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-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# SA1105060
EXP: 04/30/2022



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Conductivity recorded in wrong units on sonde. Conversion completed manually to record correct units for conductivity. Verified by Zach Schang.

Data Qualified?

Yes / No

WIN Station Name: Hawkshaw Lagoon at Memorial Bridge

Date: 06/14/2021
(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 - 2021-06-14-07

Sampling Team Members							WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	
Z. Schang							✓		✓		✓			
B. Fugate								✓						
S. Vaz								✓		✓				

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 / Intestital/ (Flowing)/ NA

Tides: (Rising)/ Falling/ Slack/ NA

Tide Times: High 13:28 Low 12:25am
(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									MB 24520	
CEN	11:58	1.0	.15	VOB	7.09	103.5	7.76	14.78	24.52	31.08

Biological Samples Collected:									
None	HA	SCI	RPS	Algae ID	LVS	LVI	Other:		
SBIO ID Numbers: SBIO-ID: _____ HA-ID: _____ RPS-ID: _____ Macrophyte-ID: _____ LIMS#: _____									
Parameter Suite	Parameter Methods				Preservation	Lot#	Expiration	pH Check	
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒ Ice ☒ H2SO4	SA1105060	4/30/22	☒ <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# SA1105060
EXP: 04/30/2022



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: 06/14/2021
(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 - 2021-06-14-07

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
	☒	☒	☒	☒	☒	☒	☒
	☒	☒	☒	☒	☒	☒	☒
	☒	☒	☒	☒	☒	☒	☒
Z. Schang							
B. Fugate							
S. Uriz							
Water Level: Dry/ Pooled/ Low/ Normal/ <u>High</u> / Flooded							
Meter ID# 04L1583AD							
Matrix: Fresh/ <u>(Marine)</u> / DI							
Photos: Yes / <u>No</u> Flow: No Flow / Intestinal/ <u>Flowing</u> / NA							
Tide: <u>Rising</u> / Falling/ Slack/ NA							
Tide Times: High 13:28 Low 12:25am							

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									MB 25040	
CEN	12:08	1.0	.15	VOB	7.39	106.8	8.04	15.14	25.04	30.29

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	SA1105060	4/30/22	☒ <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-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-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			

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: 04L158340

RQ: 2021-06-14-08

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 6/14/21

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	6/11/21	3:59	19.43	760	9.202	9.20	100.0		1.04222	(P) F	(L) F
ICV	Sarahbeth Uriz	6/14/21	8:03	23.66	760	8.466	8.54	100.8		1.04222	(P) F	(L) F
CCV	Sarahbeth Uriz	6/14/21	2:54	22.09	760	8.727	8.79	100.6		1.04222	(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	6/11/21	14:03	CS-02-21 IL0480	3/8/22	58.64	58.65	(P) F	(L) F
ICV	Sarahbeth Uriz	6/14/21	8:07	CS-03-21 IL02180	6/7/22	12.9	12.99	(P) F	(L) F
CCV	Sarahbeth Uriz	6/14/21	2:57	CS-03-21 IL02180	6/7/22	12.9	12.62	(P) F	(L) F
CCV	Sarahbeth Uriz	6/14/21	2:59	CS-02-21 IL0480	3/8/22	58.64	58.76	(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	6/11/21	14:11	202905	9/22	7.0	24.86	7.00	-5.4	(P) F	(L) F
Calibr.						4.				P / F	L / F
Calibr.	Z. Schang	6/11/21	14:16	205284	10/22	10.0	24.66	10.00	-177.9	(P) F	(L) F
ICV	Sarahbeth Uriz	6/14/21	8:10	202905	9/22	7.0	25.57	6.97	-3.5	(P) F	(L) F
CCV	Sarahbeth Uriz	6/14/21	3:02	202905	9/22	7.0	24.57	6.89	0.6	(P) F	(L) F
CCV	Sarahbeth Uriz	6/14/21	3:04	205284	10/22	10.0	24.62	9.87	-170.5	(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 10 172.5, 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: SD1; Date of last verification: 6/14/21

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:

Document Reference # 05.1.0

Sampler's initials: NA

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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]

"Samples are ambient water and not suspected to contain chlorine."

Phone: (850) 324-1666

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