

# 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: 2E102402

RQ: 2022-11-14-04

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.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site \_\_\_\_\_

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 11/15/22

| DO DEP SOP FT 1500 | Name        | Date     | Time CT-ET | Temp | D.O. Chart mg/L | Meter D.O. mg/L | % DO  | Probe Charge | Probe Gain | Pass / Fail                                                        | Lab / Field                                                        |
|--------------------|-------------|----------|------------|------|-----------------|-----------------|-------|--------------|------------|--------------------------------------------------------------------|--------------------------------------------------------------------|
| Calibr.            | Zach Schang | 11/15/22 | 13:20      | 19.5 | 9.184           | 9.18            | 100.0 |              |            | <input checked="" type="checkbox"/> P / <input type="checkbox"/> F | <input checked="" type="checkbox"/> L / <input type="checkbox"/> F |
| ICV                | Zach Schang | 11/15/22 | 13:25      | 19.5 | 9.184           | 9.16            | 99.8  |              |            | <input checked="" type="checkbox"/> P / <input type="checkbox"/> F | <input checked="" type="checkbox"/> L / <input type="checkbox"/> F |
| CCV                | Zach Schang | 11/16/22 | 13:00      | 16.3 | 9.808           | 7.87            | 100.7 |              |            | <input checked="" type="checkbox"/> P / <input type="checkbox"/> F | <input checked="" type="checkbox"/> L / <input type="checkbox"/> F |
| CCV                |             |          |            |      |                 |                 |       |              |            | P / F                                                              | L / F                                                              |

DO Acceptance criteria from Table  $\pm 0.3$  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 $\mu$ mhos/cm | Meter Reading $\mu$ mhos/cm | Pass / Fail                                                        | Lab / Field                                                        |
|---------------------|-------------|----------|------------|---------|-------------|------------------------|-----------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|
| Calibr.             | Zach Schang | 11/15/22 | 13:36      | 2209K36 | 09/2024     | 50,000                 | 50,000                      | <input checked="" type="checkbox"/> P / <input type="checkbox"/> F | <input checked="" type="checkbox"/> L / <input type="checkbox"/> F |
| ICV                 | Zach Schang | 11/15/22 | 13:42      | 2203C81 | 02/2024     | 10,000                 | 10,027                      | <input checked="" type="checkbox"/> P / <input type="checkbox"/> F | <input checked="" type="checkbox"/> L / <input type="checkbox"/> F |
| CCV                 | Zach Schang | 11/16/22 | 13:05      | 2209K36 | 09/2024     | 50,000                 | 49,921                      | <input checked="" type="checkbox"/> P / <input type="checkbox"/> F | <input checked="" type="checkbox"/> L / <input type="checkbox"/> 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            | 11/15/22 | 13:46      | 223156 | 6/24        | 7.02         | 7.02             | -33.6  | <input checked="" type="checkbox"/> P / <input type="checkbox"/> F | <input checked="" type="checkbox"/> L / <input type="checkbox"/> F |
| Calibr.            | <del>Zach Schang</del> |          |            |        |             | 4.0          |                  |        | P / F                                                              | L / F                                                              |
| Calibr.            | Zach Schang            | 11/15/22 | 13:52      | 221687 | 6/24        | 10.06        | 10.06            | -209.9 | <input checked="" type="checkbox"/> P / <input type="checkbox"/> F | <input checked="" type="checkbox"/> L / <input type="checkbox"/> F |
| ICV                | Zach Schang            | 11/15/22 | 13:58      | 214220 | 6/23        | 4.0          | 4.03             | 140.9  | <input checked="" type="checkbox"/> P / <input type="checkbox"/> F | <input checked="" type="checkbox"/> L / <input type="checkbox"/> F |
| CCV                | Zach Schang            | 11/16/22 | 13:12      | 223156 | 6/24        | 7.04         | 7.18             | -42.7  | P / F                                                              | L / F                                                              |
| CCV                | Zach Schang            | 11/16/22 | 13:15      | 221687 | 6/24        | 10.10        | 10.19            | -214.4 | P / F                                                              | L / F                                                              |

pH Acceptance criteria  $\pm 0.2$  SU; mV pH 7 Range  $0 \pm 50$ ; mV pH 4 Range  $+180 \pm 50$ ; mV pH 10 Range  $-180 \pm 50$ ;

If mV are recorded: slope from 7 to 10 176.3, slope from 4 to 7 174.5 (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  $\leq 4$  down,  $\geq 5$  up. ICV acceptance criteria  $\pm 5\%$  or  $\pm 0.05$ m, whichever is greater.

COMMENTS:





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: 11/14/2022 11/16/22  
(mm/dd/yyyy)

WIN ID/ Field ID 1/3302H32GS1

WBID: \_\_\_\_\_

Latitude: 30.420278

(Decimal Degrees)

County: Escambia

ORG ID: \_\_\_\_\_

Longitude: 87.1831944

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-11-14-04

| Sampling Team Members                                        |  |  |  |  |  |  | Sampling Equipment                                   |                                   |                               |                                            |  |  |  |
|--------------------------------------------------------------|--|--|--|--|--|--|------------------------------------------------------|-----------------------------------|-------------------------------|--------------------------------------------|--|--|--|
|                                                              |  |  |  |  |  |  | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn | <input type="checkbox"/> Pole |                                            |  |  |  |
|                                                              |  |  |  |  |  |  | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe  |                               |                                            |  |  |  |
|                                                              |  |  |  |  |  |  | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other    |                               |                                            |  |  |  |
| Depth Measured with: <u>Boat sonar</u>                       |  |  |  |  |  |  | Equipment ID _____                                   |                                   |                               |                                            |  |  |  |
| Collection Method                                            |  |  |  |  |  |  |                                                      |                                   |                               |                                            |  |  |  |
| <input type="checkbox"/> Wading                              |  |  |  |  |  |  | <input type="checkbox"/> Canoe/Kayak                 |                                   |                               |                                            |  |  |  |
| <input type="checkbox"/> From Shore                          |  |  |  |  |  |  | <input type="checkbox"/> Electric Motor              |                                   |                               |                                            |  |  |  |
| <input type="checkbox"/> Other                               |  |  |  |  |  |  | <input checked="" type="checkbox"/> Gasoline Motor   |                                   |                               |                                            |  |  |  |
| Water Level: Dry/ Pooled/ <u>Low</u> / Normal/ High/ Flooded |  |  |  |  |  |  | Meter ID# <u>21E102402</u>                           |                                   |                               | Matrix: Fresh / <u>Marine</u> / DI         |  |  |  |
| Photos: Yes / <u>No</u>                                      |  |  |  |  |  |  | Flow: No Flow / Intertidal / <u>Flowing</u> / NA     |                                   |                               | Tide: Rising / <u>Falling</u> / Slack / NA |  |  |  |
|                                                              |  |  |  |  |  |  | Tide Times: High <u>2:27</u> Low <u>14:05</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       |      | 5.5ft           |                  |                 |           |           |      |                |                    |            |
| CEN       | 8:31 | 1.67m           | .15              | VOB             | 7.46      | 92.3      | 7.84 | 29.49          | 45456              | 17.0       |

| 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           | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                         |         |                |          | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> | SA2229010 | 8/30/23    | <input checked="" type="checkbox"/> <2 |  |
| Metals                        | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                         |         |                |          | <input type="checkbox"/> Ice <input type="checkbox"/> HNO <sub>3</sub>                                     |           |            | <input type="checkbox"/> <2            |  |
| Filtered Nutrients            | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                 |         |                |          | <input type="checkbox"/> Ice                                                                               |           |            |                                        |  |
| Chlorophyll                   | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                          |         |                |          | <input checked="" type="checkbox"/> Ice                                                                    |           |            |                                        |  |
| Physical/Aggregate (Fresh)    | <input type="checkbox"/> Alkalinity W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                      |         |                |          | <input type="checkbox"/> Ice                                                                               |           |            |                                        |  |
| Physical/Aggregate (Marine)   | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                      |         |                |          | <input checked="" type="checkbox"/> Ice                                                                    |           |            |                                        |  |
| Macroinvertebrates            | <input type="checkbox"/> MI-FW-QIDC                                                                                                                                                                                     |         |                |          | <input type="checkbox"/> Formalin                                                                          |           |            |                                        |  |
| Periphyton                    | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                       |         |                |          | <input type="checkbox"/> Ice                                                                               |           |            |                                        |  |
| Microbiology                  | <input type="checkbox"/> F Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                         |         |                |          | <input checked="" type="checkbox"/> Ice                                                                    |           |            |                                        |  |
| Molecular                     | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD        |         |                |          | <input type="checkbox"/> Ice                                                                               |           |            |                                        |  |
| Tracers                       | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                 |         |                |          | <input type="checkbox"/> Ice                                                                               |           |            |                                        |  |
| Pesticides                    | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-F3821-MS <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-F3821-DI <input type="checkbox"/> W-CARB-AA |         |                |          | <input type="checkbox"/> Ice                                                                               |           |            |                                        |  |
| Phytoplankton                 | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     |         |                |          | <input type="checkbox"/> Ice                                                                               |           |            |                                        |  |

Place Preservation Here

H2504  
LOT# SA2229010  
EXP: 08/30/2023



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: 11/14/2022  
(mm/dd/yyyy)

WIN ID/ Field ID 2/3302J8GS2

WBID:

Latitude: 30.4411722

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.1936111

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-11-14-04

| Sampling Team Members                                      |  | WQ Measurements                                 | Sample Collection | Documentation                            | Preservation | Preservation Check                | Duplicate Collection | Blank Collection | Sampling Equipment                                   |                                                    |                               |
|------------------------------------------------------------|--|-------------------------------------------------|-------------------|------------------------------------------|--------------|-----------------------------------|----------------------|------------------|------------------------------------------------------|----------------------------------------------------|-------------------------------|
|                                                            |  |                                                 |                   |                                          |              |                                   |                      |                  | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn                  | <input type="checkbox"/> Pole |
|                                                            |  |                                                 |                   |                                          |              |                                   |                      |                  | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe                   |                               |
|                                                            |  |                                                 |                   |                                          |              |                                   |                      |                  | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other                     |                               |
|                                                            |  |                                                 |                   |                                          |              |                                   |                      |                  | Depth Measured with: Boat sonar                      |                                                    |                               |
|                                                            |  |                                                 |                   |                                          |              |                                   |                      |                  | Equipment ID                                         |                                                    |                               |
|                                                            |  |                                                 |                   |                                          |              |                                   |                      |                  | Collection Method                                    |                                                    |                               |
|                                                            |  |                                                 |                   |                                          |              |                                   |                      |                  | <input type="checkbox"/> Wading                      | <input type="checkbox"/> Canoe/Kayak               |                               |
|                                                            |  |                                                 |                   |                                          |              |                                   |                      |                  | <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor            |                               |
|                                                            |  |                                                 |                   |                                          |              |                                   |                      |                  | <input type="checkbox"/> Other                       | <input checked="" type="checkbox"/> Gasoline Motor |                               |
| Zach Schang                                                |  | X                                               | X                 | X                                        |              |                                   |                      |                  |                                                      |                                                    |                               |
| Beth Fugate                                                |  |                                                 | X                 | X                                        |              |                                   |                      |                  |                                                      |                                                    |                               |
| Callie Houch                                               |  |                                                 | X                 |                                          |              |                                   |                      |                  |                                                      |                                                    |                               |
| Water Level: Dry/ Pooled/ <u>Low</u> Normal/ High/ Flooded |  | Meter ID# 21E102402                             |                   |                                          |              | Matrix: Fresh/ <u>Marine</u> / DI |                      |                  |                                                      |                                                    |                               |
| Photos: Yes / <u>No</u>                                    |  | Flow: No Flow / Intertidal/ <u>Flowing</u> / NA |                   | Tide: Rising/ <u>Falling</u> / Slack/ NA |              | Tide Times: High 2:27 Low 14:05   |                      |                  |                                                      |                                                    |                               |

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       |      | 5.55m           |                  |                 |           |           |      |                |                    |            |
| CEN       | 8:47 | 18.24           | .15              | 3.0             | 7.59      | 94.6      | 8.04 | 29.36          | 45272              | 17.4       |

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         | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                         | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | SA2229010 | 8/30/23    | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                         | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |           |            | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                 | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                      | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                      | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QIDC                                                                                                                                                                                     | <input type="checkbox"/> Formalin                                                 |           |            |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                       | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                         | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BarR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD        | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Tracers                     | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                 | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     | <input type="checkbox"/> Ice                                                      |           |            |                                        |

H2504  
LOT# SA2229010  
EXP: 08/30/2023





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: 11/14/2022  
(mm/dd/yyyy)

WIN ID/ Field ID 3/3302J2GS3

WBID:

Latitude: 30.416111

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.19425

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-11-14-04

| Sampling Team Members                                      | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check | Duplicate Collection | Blank Collection | Sampling Equipment                                   |                                   |                               |
|------------------------------------------------------------|-----------------|-------------------|---------------|--------------|--------------------|----------------------|------------------|------------------------------------------------------|-----------------------------------|-------------------------------|
|                                                            |                 |                   |               |              |                    |                      |                  | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn | <input type="checkbox"/> Pole |
|                                                            |                 |                   |               |              |                    |                      |                  | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe  |                               |
|                                                            |                 |                   |               |              |                    |                      |                  | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other    |                               |
| Depth Measured with: Boat sonar                            |                 |                   |               |              |                    |                      |                  | Equipment ID                                         |                                   |                               |
| Collection Method                                          |                 |                   |               |              |                    |                      |                  |                                                      |                                   |                               |
| <input type="checkbox"/> Wading                            |                 |                   |               |              |                    |                      |                  | <input type="checkbox"/> Canoe/Kayak                 |                                   |                               |
| <input type="checkbox"/> From Shore                        |                 |                   |               |              |                    |                      |                  | <input type="checkbox"/> Electric Motor              |                                   |                               |
| <input type="checkbox"/> Other                             |                 |                   |               |              |                    |                      |                  | <input checked="" type="checkbox"/> 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 2:27 Low 19:05                      |                                   |                               |

Field Sample

| Time Zone | Time | Total Depth (m) | Sample Depth (m) | Secchi Disk (m) | DO (mg/L) | DO (%SAT) | pH   | Salinity (ppt) | Sp COND (µmhos/cm) | Temp. (C°) |
|-----------|------|-----------------|------------------|-----------------|-----------|-----------|------|----------------|--------------------|------------|
| EST       |      |                 |                  |                 |           |           |      |                |                    |            |
| CEN       | 8:58 | 3.0m            | .15              | 108             | 7.39      | 93.9      | 8.07 | 30.93          | 47438              | 17.9       |

| 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           | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-IP                                                                                                                                         |         | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | SA2229010 | 8/30/23    | <input checked="" type="checkbox"/> <2 |
| Metals                        | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                         |         | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |           |            | <input type="checkbox"/> <2            |
| Filtered Nutrients            | <input type="checkbox"/> W-PD4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                 |         | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Chlorophyll                   | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                          |         | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Fresh)    | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                    |         | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Physical/Aggregate (Marine)   | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                      |         | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Macroinvertebrates            | <input type="checkbox"/> MI-FW-QIDC                                                                                                                                                                                     |         | <input type="checkbox"/> Formalin                                                 |           |            |                                        |
| Periphyton                    | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                       |         | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Microbiology                  | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                    |         | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Molecular                     | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GUILLZ<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD       |         | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Tracers                       | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E32821-DI                                                                                                                                                |         | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Pesticides                    | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CARB-AA |         | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Phytoplankton                 | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     |         | <input type="checkbox"/> Ice                                                      |           |            |                                        |

H2SO4  
LOT# SA2229010  
EXP: 08/30/2023

Here





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: South of Primary Stormdrain

Date: 11/14/2022  
(mm/dd/yyyy)

WIN ID/ Field ID 4/3302J2GS4

WBID:

Latitude: 30.416667

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.1966111

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-11-14-04

| Sampling Team Members |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check | Duplicate Collection | Blank Collection |
|-----------------------|--|-----------------|-------------------|---------------|--------------|--------------------|----------------------|------------------|
| Zach Schang           |  | X               |                   | X             |              | X                  |                      |                  |
| Callie Houch          |  |                 | X                 |               |              |                    |                      |                  |
| Beth Fugate           |  |                 | X                 | X             |              |                    |                      |                  |

| Sampling Equipment                                   |                                   |                               |
|------------------------------------------------------|-----------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn | <input type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe  |                               |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other    |                               |
| Depth Measured with: Boat sonar                      |                                   |                               |
| Equipment ID                                         |                                   |                               |

| Collection Method                   |                                                    |
|-------------------------------------|----------------------------------------------------|
| <input type="checkbox"/> Wading     | <input type="checkbox"/> Canoe/Kayak               |
| <input type="checkbox"/> From Shore | <input type="checkbox"/> Electric Motor            |
| <input type="checkbox"/> Other      | <input checked="" type="checkbox"/> 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 2:27 Low 14:05<br>(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       |      | 10ft            |                  |                 |           |           |      |                |                    |            |
| CEN       | 9:05 | 3.05m           | .15              | VOB             | 6.96      | 89.0      | 8.03 | 31.08          | 47636              | 18.3       |

|                               |  |          |        |         |                |          |     |     |        |
|-------------------------------|--|----------|--------|---------|----------------|----------|-----|-----|--------|
| 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         | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                         | <input checked="" type="checkbox"/> Ice <input type="checkbox"/> H2SO4 | S42229010 | 8/30/25    | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                         | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3             |           |            | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                 | <input type="checkbox"/> Ice                                           |           |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                |           |            |                                        |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                      | <input type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                      | <input checked="" type="checkbox"/> Ice                                |           |            |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QIDC                                                                                                                                                                                     | <input type="checkbox"/> Formalin                                      |           |            |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                       | <input type="checkbox"/> Ice                                           |           |            |                                        |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                         | <input checked="" type="checkbox"/> Ice                                |           |            |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD        | <input type="checkbox"/> Ice                                           |           |            |                                        |
| Tracers                     | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                 | <input type="checkbox"/> Ice                                           |           |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CT-Cl-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice                                           |           |            |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     | <input type="checkbox"/> Ice                                           |           |            |                                        |

Place Preservative Storage(s) Here

H2SO4  
LOT# SA2229010  
EXP: 08/30/2023



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: End of Chase Street

Date: 11/14/2022  
(mm/dd/yyyy)

WIN ID/ Field ID 5/3302J2GS5

WBID: \_\_\_\_\_

Latitude: 30.415528

(Decimal Degrees)

County: Escambia

ORG ID: \_\_\_\_\_

Longitude: 87.1980277

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-11-14-04

| Sampling Team Members |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check | Duplicate Collection | Blank Collection |
|-----------------------|--|-----------------|-------------------|---------------|--------------|--------------------|----------------------|------------------|
| Zach Schang           |  | X               |                   | X             |              | X                  |                      |                  |
| Beth Fugate           |  |                 | X                 |               | X            |                    |                      |                  |
| Callie Houck          |  |                 | X                 |               |              |                    |                      |                  |

| Sampling Equipment                                   |                                      |                               |
|------------------------------------------------------|--------------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn    | <input type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe     |                               |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other _____ |                               |
| Depth Measured with: <u>Boat sonar</u>               |                                      |                               |
| Equipment ID _____                                   |                                      |                               |

| Collection Method                    |                                                    |
|--------------------------------------|----------------------------------------------------|
| <input type="checkbox"/> Wading      | <input type="checkbox"/> Canoe/Kayak               |
| <input type="checkbox"/> From Shore  | <input type="checkbox"/> Electric Motor            |
| <input type="checkbox"/> Other _____ | <input checked="" type="checkbox"/> Gasoline Motor |

|                                                              |                                                 |                                          |
|--------------------------------------------------------------|-------------------------------------------------|------------------------------------------|
| Water Level: Dry/ Pooled/ <u>Low</u> / Normal/ High/ Flooded | Meter ID# <u>21E102402</u>                      | Matrix: Fresh/ <u>Marine</u> / DI        |
| Photos: Yes / No                                             | Flow: No Flow / Intertidal/ <u>Flowing</u> / NA | Tide: Rising/ <u>Falling</u> / Slack/ NA |
| Tide Times: High <u>2:27</u> Low <u>14:05</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       |      | 8.3ft           |                  |                 |           |           |      |                |                    |            |
| CEN       | 9:22 | 2.53m           | .15              | VOB             | 7.31      | 93.1      | 8.05 | 30.94          | 47410              | 18.0       |

|                               |          |        |         |                |          |     |     |        |
|-------------------------------|----------|--------|---------|----------------|----------|-----|-----|--------|
| 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         | <input checked="" type="checkbox"/> W-NH3 / <input type="checkbox"/> W-NO2NO3 / <input type="checkbox"/> W-TKN / <input type="checkbox"/> W-TOC / <input type="checkbox"/> W-S-A-TP                                                                                               | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | SA2229010 | 8/30/23    | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                                                                                   | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |           |            | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input type="checkbox"/> W-P04-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                                           | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                    | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity <input type="checkbox"/> W-F / <input type="checkbox"/> W-TSS / <input type="checkbox"/> TURBIDITY / <input type="checkbox"/> W-CI-IC / <input type="checkbox"/> W-COLOR / <input type="checkbox"/> W-SO4-IC / <input type="checkbox"/> W-TDS | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity <input type="checkbox"/> W-BR-IC / <input type="checkbox"/> W-F / <input type="checkbox"/> W-TSS / <input type="checkbox"/> TURBIDITY                                                                                              | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QLDLC                                                                                                                                                                                                                                              | <input type="checkbox"/> Formalin                                                 |           |            |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                 | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                                                                                   | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD                                                                  | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Tracers                     | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                                                                           | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CARB-AA                                                           | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                                                                               | <input type="checkbox"/> 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: 11/14/2022  
(mm/dd/yyyy)

WIN ID/ Field ID 6/3302J1GS6

WBID: \_\_\_\_\_

Latitude: 30.412375

(Decimal Degrees)

County: Escambia

ORG ID: \_\_\_\_\_

Longitude: 87.2007916

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-11-14-04

| Sampling Team Members |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check | Duplicate Collection | Blank Collection |
|-----------------------|--|-----------------|-------------------|---------------|--------------|--------------------|----------------------|------------------|
| Zach Schang           |  | X               | X                 | X             |              |                    |                      |                  |
| Beth Fugate           |  |                 | X                 | X             |              |                    |                      |                  |
| Callie Howek          |  |                 | X                 |               |              |                    |                      |                  |

| Sampling Equipment                                   |                                      |                               |
|------------------------------------------------------|--------------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn    | <input type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe     |                               |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other _____ |                               |
| Depth Measured with: <u>Boat sonar</u>               |                                      |                               |
| Equipment ID _____                                   |                                      |                               |

| Collection Method                    |                                                    |  |
|--------------------------------------|----------------------------------------------------|--|
| <input type="checkbox"/> Wading      | <input type="checkbox"/> Canoe/Kayak               |  |
| <input type="checkbox"/> From Shore  | <input type="checkbox"/> Electric Motor            |  |
| <input type="checkbox"/> Other _____ | <input checked="" type="checkbox"/> Gasoline Motor |  |

Water Level: Dry/ Pooled/ Low Normal/ High/ Flooded      Meter ID# 21E102402      Matrix: Fresh / Marine / DI

Photos: Yes / No      Flow: No Flow / Intestinal / Flowing / NA      Tide: Rising / Falling / Slack/ NA      Tide Times: High 7:27 Low 19:05  
(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       | 9:28 | 5.0m            | .15              | 4.0             | 7.51      | 95.4      | 8.09 | 30.90          | 47385              | 18.0       |

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         | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                         | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | <u>S2229010</u> | <u>8/50/23</u> | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                         | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |                 |                | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                 | <input type="checkbox"/> Ice                                                      |                 |                |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                           |                 |                |                                        |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                      | <input type="checkbox"/> Ice                                                      |                 |                |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                      | <input checked="" type="checkbox"/> Ice                                           |                 |                |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QIDC                                                                                                                                                                                     | <input type="checkbox"/> Formalin                                                 |                 |                |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                       | <input type="checkbox"/> Ice                                                      |                 |                |                                        |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                         | <input checked="" type="checkbox"/> Ice                                           |                 |                |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD        | <input type="checkbox"/> Ice                                                      |                 |                |                                        |
| Tracers                     | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E32821-DI                                                                                                                                                | <input type="checkbox"/> Ice                                                      |                 |                |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CT-CI-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice                                                      |                 |                |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     | <input type="checkbox"/> Ice                                                      |                 |                |                                        |

Place Preservative Sticker(s) Here  
(If Available)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Midpoint Between Bridge and Port Spoil Pond

Date: 11/14/2022  
16  
(mm/dd/yyyy)

WIN ID/ Field ID: 7/3302J8GS7

WBID: Latitude: 30.408194

(Decimal Degrees)

County: Escambia

ORG ID: Longitude: 87.1993333

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-11-14-04

| Sampling Team Members |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check | Duplicate Collection | Blank Collection |
|-----------------------|--|-----------------|-------------------|---------------|--------------|--------------------|----------------------|------------------|
| Zach Schang           |  | X               | X                 |               |              |                    |                      |                  |
| Callie Houch          |  |                 | X                 |               | X            |                    |                      |                  |
| Beth Fugate           |  |                 | X                 | X             |              |                    |                      |                  |

| Sampling Equipment                                   |                                   |                               |
|------------------------------------------------------|-----------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn | <input type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe  |                               |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other    |                               |
| Depth Measured with: Boat sonar                      |                                   |                               |
| Equipment ID                                         |                                   |                               |

| Collection Method                   |                                                    |
|-------------------------------------|----------------------------------------------------|
| <input type="checkbox"/> Wading     | <input type="checkbox"/> Canoe/Kayak               |
| <input type="checkbox"/> From Shore | <input type="checkbox"/> Electric Motor            |
| <input type="checkbox"/> Other      | <input checked="" type="checkbox"/> Gasoline Motor |

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 2:27 Low 19:05

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       |      | 16.5ft          |                  |                 |           |           |      |                |                    |            |
| CEN       | 9:37 | 5.03m           | .15              | 4.25            | 7.55      | 95.3      | 8.08 | 30.46          | 46792              | 17.7       |

| 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         | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                         | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | SA2229010 | 8/30/23    | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                         | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |           |            | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                 | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                      | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                      | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QIDC                                                                                                                                                                                     | <input type="checkbox"/> Formalin                                                 |           |            |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                       | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                         | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD        | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Tracers                     | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                 | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CI-CI-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     | <input type="checkbox"/> Ice                                                      |           |            |                                        |

\* Longest recorded secchi for this project (possibly)





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: West of Primary Stormdrain

Date: 11/14/2022

(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 - 2022-11-14-04

| Sampling Team Members |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check | Duplicate Collection | Blank Collection |
|-----------------------|--|-----------------|-------------------|---------------|--------------|--------------------|----------------------|------------------|
| Beth Fugate           |  |                 | X                 | X             |              |                    |                      |                  |
| Callie Houck          |  |                 | X                 |               | X            |                    |                      |                  |
| Zach Shong            |  | X               | X                 |               |              |                    |                      |                  |

| Sampling Equipment                                   |                                   |                               |
|------------------------------------------------------|-----------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn | <input type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe  |                               |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other    |                               |
| Depth Measured with: Boat sonar                      |                                   |                               |
| Equipment ID                                         |                                   |                               |

| Collection Method                   |                                                    |
|-------------------------------------|----------------------------------------------------|
| <input type="checkbox"/> Wading     | <input type="checkbox"/> Canoe/Kayak               |
| <input type="checkbox"/> From Shore | <input type="checkbox"/> Electric Motor            |
| <input type="checkbox"/> Other      | <input checked="" type="checkbox"/> 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 2:27 Low 14:05                            |                                               | (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       | 9:13 | 1.0m            | .15              | VOB             | 7.21      | 91.2      | 7.99 | 30.57          | 46940              | 17.9       |

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         | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                         | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | SA2229010 | 8/30/23    | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                         | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |           |            | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                 | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                      | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                      | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QIDC                                                                                                                                                                                     | <input type="checkbox"/> Formalin                                                 |           |            |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                       | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                         | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD        | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Tracers                     | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E32821-DI                                                                                                                                                | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     | <input type="checkbox"/> 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: 11/14/2022  
(mm/dd/yyyy)

WIN ID/ Field ID 9/3302J1GS9

WBID: Latitude: 30.409444

(Decimal Degrees)

County: Escambia

ORG ID: Longitude: 87.2034722

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-11-14-04

| Sampling Team Members |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check | Duplicate Collection | Blank Collection |
|-----------------------|--|-----------------|-------------------|---------------|--------------|--------------------|----------------------|------------------|
| Ezekiel Schang        |  | X               |                   | X             | X            |                    |                      |                  |
| Beth Fugate           |  |                 | X                 |               | X            |                    |                      |                  |
| Callie Horak          |  |                 |                   | X             |              |                    |                      |                  |

| Sampling Equipment                                   |                                   |                               |
|------------------------------------------------------|-----------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn | <input type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe  |                               |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other    |                               |
| Depth Measured with: Boat sonar                      |                                   |                               |
| Equipment ID                                         |                                   |                               |

| Collection Method                   |                                                    |
|-------------------------------------|----------------------------------------------------|
| <input type="checkbox"/> Wading     | <input type="checkbox"/> Canoe/Kayak               |
| <input type="checkbox"/> From Shore | <input type="checkbox"/> Electric Motor            |
| <input type="checkbox"/> Other      | <input checked="" type="checkbox"/> Gasoline Motor |

|                                                              |                                                 |                                          |
|--------------------------------------------------------------|-------------------------------------------------|------------------------------------------|
| Water Level: Dry/ Pooled/ <u>Low</u> / Normal/ High/ Flooded | Meter ID# 21F102402                             | 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 2:27 Low 11:05          |

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       |       | 4.4ft           |                  |                 |           |           |      |                |                    |            |
| CEN       | 10:14 | 1.34m           | .15              | VOB             | 7.43      | 91.9      | 7.96 | 29.78          | 45856              | 16.9       |

| 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                                                   | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                         |  |  | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | SA2229010 | 8/30/23    | <input checked="" type="checkbox"/> <2 |
| Metals                                                                | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                         |  |  | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |           |            | <input type="checkbox"/> <2            |
| Filtered Nutrients                                                    | <input type="checkbox"/> W-PD4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                 |  |  | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Chlorophyll                                                           | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                          |  |  | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Fresh)                                            | <input type="checkbox"/> Alkalinity W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                      |  |  | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Physical/Aggregate (Marine)                                           | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                      |  |  | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Macroinvertebrates                                                    | <input type="checkbox"/> MI-FW-QIDC                                                                                                                                                                                     |  |  | <input type="checkbox"/> Formalin                                                 |           |            |                                        |
| Periphyton                                                            | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                       |  |  | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Microbiology                                                          | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                         |  |  | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Molecular                                                             | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD        |  |  | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Tracers                                                               | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                 |  |  | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Pesticides                                                            | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CI-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CARB-AA |  |  | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Phytoplankton                                                         | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     |  |  | <input type="checkbox"/> 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: 11/14/2022

(mm/dd/yyyy)

WIN ID/ Field ID 10/3302J7GS10

WBID:

Latitude: 30.408194

(Decimal Degrees)

County: Escambia

ORG ID:

Longitude: 87.2050277

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-11-14-04

| Sampling Team Members                                      |  |                                                |  |                                          |  |                                 | Sampling Equipment                                   |                                   |                               |  |                                   |  |  |
|------------------------------------------------------------|--|------------------------------------------------|--|------------------------------------------|--|---------------------------------|------------------------------------------------------|-----------------------------------|-------------------------------|--|-----------------------------------|--|--|
|                                                            |  |                                                |  |                                          |  |                                 | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn | <input type="checkbox"/> Pole |  |                                   |  |  |
|                                                            |  |                                                |  |                                          |  |                                 | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe  |                               |  |                                   |  |  |
|                                                            |  |                                                |  |                                          |  |                                 | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other    |                               |  |                                   |  |  |
| Depth Measured with: Boat sonar                            |  |                                                |  |                                          |  |                                 | Equipment ID                                         |                                   |                               |  |                                   |  |  |
| Collection Method                                          |  |                                                |  |                                          |  |                                 |                                                      |                                   |                               |  |                                   |  |  |
| <input type="checkbox"/> Wading                            |  |                                                |  |                                          |  |                                 | <input type="checkbox"/> Canoe/Kayak                 |                                   |                               |  |                                   |  |  |
| <input type="checkbox"/> From Shore                        |  |                                                |  |                                          |  |                                 | <input type="checkbox"/> Electric Motor              |                                   |                               |  |                                   |  |  |
| <input type="checkbox"/> Other                             |  |                                                |  |                                          |  |                                 | <input checked="" type="checkbox"/> 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 2:27 Low 14:05 |                                                      | (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       | 10:05 | 1.0m            | .15              | VOB             | 7.47      | 94.2      | 8.01 | 30.44          | 46764              | 17.7       |

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         | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                         | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> | SA2229010 | 8/30/23    | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                         | <input type="checkbox"/> Ice <input type="checkbox"/> HNO <sub>3</sub>                                     |           |            | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input type="checkbox"/> W-PD4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                 | <input type="checkbox"/> Ice                                                                               |           |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                                                    |           |            |                                        |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                      | <input type="checkbox"/> Ice                                                                               |           |            |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                      | <input checked="" type="checkbox"/> Ice                                                                    |           |            |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QIDC                                                                                                                                                                                     | <input type="checkbox"/> Formalin                                                                          |           |            |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                       | <input type="checkbox"/> Ice                                                                               |           |            |                                        |
| Microbiology                | <input type="checkbox"/> F Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                         | <input checked="" type="checkbox"/> Ice                                                                    |           |            |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD        | <input type="checkbox"/> Ice                                                                               |           |            |                                        |
| Tracers                     | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                 | <input type="checkbox"/> Ice                                                                               |           |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CI-CI-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice                                                                               |           |            |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     | <input type="checkbox"/> Ice                                                                               |           |            |                                        |



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Seville Marina Inlet

Date: 11/14/2022

(mm/dd/yyyy)

WIN ID/ Field ID 11/3302J7GS11

WBID: \_\_\_\_\_

Latitude: 30.407694

(Decimal Degrees)

County: Escambia

ORG ID: \_\_\_\_\_

Longitude: 87.2074444

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-11-14-04

| Sampling Team Members |  | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  | Duplicate Collection                | Blank Collection                    |
|-----------------------|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Zach Schang           |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Beth Fugate           |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Callie Hauck          |  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

| Sampling Equipment                                   |                                      |                               |
|------------------------------------------------------|--------------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn    | <input type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe     |                               |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other _____ |                               |
| Depth Measured with: <u>Boat sonar</u>               |                                      |                               |
| Equipment ID _____                                   |                                      |                               |

| Collection Method                    |                                                    |  |
|--------------------------------------|----------------------------------------------------|--|
| <input type="checkbox"/> Wading      | <input type="checkbox"/> Canoe/Kayak               |  |
| <input type="checkbox"/> From Shore  | <input type="checkbox"/> Electric Motor            |  |
| <input type="checkbox"/> Other _____ | <input checked="" type="checkbox"/> Gasoline Motor |  |

|                                                              |                                                |                                               |
|--------------------------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Water Level: Dry/ Pooled/ <u>Low</u> / Normal/ High/ Flooded | Meter ID# <u>216102902</u>                     | Matrix: Fresh/ <u>Marine</u> / DI             |
| Photos: Yes / No                                             | Flow: No Flow/ Intestinal/ <u>Flowing</u> / NA | Tide: Rising/ Falling/ Slack/ NA              |
|                                                              |                                                | Tide Times: High <u>2:27</u> Low <u>14:05</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       |      | 2.0m            |                  |                 |           |           |      |                |                    |            |
| CEN       | 9:58 |                 | .15              | VOB             | 6.85      | 87.8      | 8.02 | 29.91          | 45918              | 18.0       |

|                               |          |        |         |                |          |     |     |        |
|-------------------------------|----------|--------|---------|----------------|----------|-----|-----|--------|
| 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         | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                         | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | 57229010 | 8/30/23    | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                         | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |          |            | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input type="checkbox"/> W-PD4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                 | <input type="checkbox"/> Ice                                                      |          |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                           |          |            |                                        |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                      | <input type="checkbox"/> Ice                                                      |          |            |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                      | <input checked="" type="checkbox"/> Ice                                           |          |            |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QIDC                                                                                                                                                                                     | <input type="checkbox"/> Formalin                                                 |          |            |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                       | <input type="checkbox"/> Ice                                                      |          |            |                                        |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                         | <input checked="" type="checkbox"/> Ice                                           |          |            |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GUL12<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD        | <input type="checkbox"/> Ice                                                      |          |            |                                        |
| Tracers                     | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                 | <input type="checkbox"/> Ice                                                      |          |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CT-Cl-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice                                                      |          |            |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     | <input type="checkbox"/> Ice                                                      |          |            |                                        |

H2SO4  
LOT# 582228010  
EXP: 08/30/2023





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: 11/14/2022  
(mm/dd/yyyy)

WIN ID/ Field ID 12/3302J7GS12

WBID: Latitude: 30.405694

(Decimal Degrees)

County: Escambia

ORG ID: Longitude: 87.2036666

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-11-14-04

| Sampling Team Members                                        |  | WQ Measurements                                 | Sample Collection | Documentation                            | Preservation | Preservation Check              | Duplicate Collection | Blank Collection                  | Sampling Equipment                                   |                                                    |                               |
|--------------------------------------------------------------|--|-------------------------------------------------|-------------------|------------------------------------------|--------------|---------------------------------|----------------------|-----------------------------------|------------------------------------------------------|----------------------------------------------------|-------------------------------|
|                                                              |  |                                                 |                   |                                          |              |                                 |                      |                                   | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn                  | <input type="checkbox"/> Pole |
|                                                              |  |                                                 |                   |                                          |              |                                 |                      |                                   | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe                   |                               |
|                                                              |  |                                                 |                   |                                          |              |                                 |                      |                                   | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other                     |                               |
|                                                              |  |                                                 |                   |                                          |              |                                 |                      |                                   | Depth Measured with: Boat sonar                      |                                                    |                               |
|                                                              |  |                                                 |                   |                                          |              |                                 |                      |                                   | Equipment ID                                         |                                                    |                               |
|                                                              |  |                                                 |                   |                                          |              |                                 |                      |                                   | Collection Method                                    |                                                    |                               |
|                                                              |  |                                                 |                   |                                          |              |                                 |                      |                                   | <input type="checkbox"/> Wading                      | <input type="checkbox"/> Canoe/Kayak               |                               |
|                                                              |  |                                                 |                   |                                          |              |                                 |                      |                                   | <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor            |                               |
|                                                              |  |                                                 |                   |                                          |              |                                 |                      |                                   | <input type="checkbox"/> Other                       | <input checked="" type="checkbox"/> Gasoline Motor |                               |
| Water Level: Dry/ Pooled/ <u>Low</u> / Normal/ High/ Flooded |  | Meter ID# 21E/32402                             |                   |                                          |              |                                 |                      | 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 2:27 Low 14:05 |                      |                                   |                                                      |                                                    |                               |

Field Sample

(Bracket Sample Time)

| Time Zone | Time | Total Depth (m) | Sample Depth (m) | Secchi Disk (m) | DO (mg/L) | DO (%SAT) | pH   | Salinity (ppt) | Sp COND (µmhos/cm) | Temp. (C°) |
|-----------|------|-----------------|------------------|-----------------|-----------|-----------|------|----------------|--------------------|------------|
| EST       |      |                 |                  |                 |           |           |      |                |                    |            |
| CEN       | 9:46 | 4.0m            | .15              | VSB             | 7.57      | 96.0      | 8.08 | 30.67          | 47075              | 17.9       |

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         | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                         | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | SA229010 | 8/30/23    | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                         | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |          |            | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input type="checkbox"/> W-P04-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                 | <input type="checkbox"/> Ice                                                      |          |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                           |          |            |                                        |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                      | <input type="checkbox"/> Ice                                                      |          |            |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                      | <input checked="" type="checkbox"/> Ice                                           |          |            |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QIDC                                                                                                                                                                                     | <input type="checkbox"/> Formalin                                                 |          |            |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                       | <input type="checkbox"/> Ice                                                      |          |            |                                        |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                         | <input checked="" type="checkbox"/> Ice                                           |          |            |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD        | <input type="checkbox"/> Ice                                                      |          |            |                                        |
| Tracers                     | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                 | <input type="checkbox"/> Ice                                                      |          |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CT-CI-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice                                                      |          |            |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     | <input type="checkbox"/> Ice                                                      |          |            |                                        |

H2SO4  
LOT# SA229010  
EXP: 08/30/2023



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: 11/14/2022  
(mm/dd/yyyy)

WIN ID/ Field ID 13/3302J1HL1

WBID: \_\_\_\_\_

Latitude: 30.412125

(Decimal Degrees)

County: Escambia

ORG ID: \_\_\_\_\_

Longitude: 87.2024333

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-11-14-04

| Sampling Team Members |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check | Duplicate Collection | Blank Collection |
|-----------------------|--|-----------------|-------------------|---------------|--------------|--------------------|----------------------|------------------|
| Zach Schang           |  | X               |                   | X             |              | X                  |                      |                  |
| Beth Fugate           |  |                 | X                 |               | X            |                    |                      |                  |
| Callie Hawk           |  |                 | X                 |               |              |                    |                      |                  |

| Sampling Equipment                                   |                                      |                               |
|------------------------------------------------------|--------------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn    | <input type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe     |                               |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other _____ |                               |
| Depth Measured with: <u>Boat sonar</u>               |                                      |                               |
| Equipment ID _____                                   |                                      |                               |

| Collection Method                    |                                                    |  |
|--------------------------------------|----------------------------------------------------|--|
| <input type="checkbox"/> Wading      | <input type="checkbox"/> Canoe/Kayak               |  |
| <input type="checkbox"/> From Shore  | <input type="checkbox"/> Electric Motor            |  |
| <input type="checkbox"/> Other _____ | <input checked="" type="checkbox"/> Gasoline Motor |  |

|                                                              |                                                  |                                           |
|--------------------------------------------------------------|--------------------------------------------------|-------------------------------------------|
| Water Level: Dry/ Pooled/ <u>Low</u> / Normal/ High/ Flooded | Meter ID# <u>21E102402</u>                       | Matrix: Fresh / <u>Marine</u> / DI        |
| Photos: Yes / No                                             | Flow: No Flow / Intestinal / <u>Flowing</u> / NA | Tide: Rising / <u>Falling</u> / Slack/ NA |
| Tide Times: High <u>2:27</u> Low <u>1:05</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       |       |                 |                  |                 |           |           |      |                |                    |            |
| CEN       | 11:07 | 1.0m            | 0.15             | VOB             | 8.35      | 94.6      | 7.76 | 18.82          | 30259              | 15.9       |

|                               |          |        |         |                |          |     |     |        |
|-------------------------------|----------|--------|---------|----------------|----------|-----|-----|--------|
| 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         | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                         | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | <u>SA2229010</u> | <u>8/30/23</u> | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                         | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |                  |                | <input type="checkbox"/> <2            |
| Filtered Nutrients          | <input type="checkbox"/> W-PD4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                 | <input type="checkbox"/> Ice                                                      |                  |                |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                           |                  |                |                                        |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                      | <input type="checkbox"/> Ice                                                      |                  |                |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                      | <input checked="" type="checkbox"/> Ice                                           |                  |                |                                        |
| Macroinvertebrates          | <input type="checkbox"/> MI-FW-QLDIC                                                                                                                                                                                    | <input type="checkbox"/> Formalin                                                 |                  |                |                                        |
| Periphyton                  | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                       | <input type="checkbox"/> Ice                                                      |                  |                |                                        |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                         | <input checked="" type="checkbox"/> Ice                                           |                  |                |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD        | <input type="checkbox"/> Ice                                                      |                  |                |                                        |
| Tracers                     | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                 | <input type="checkbox"/> Ice                                                      |                  |                |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice                                                      |                  |                |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     | <input type="checkbox"/> Ice                                                      |                  |                |                                        |

H2SO4  
LOT# SA2229010  
EXP: 08/30/2023  
(If Available)





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: 11/14/2022  
(mm/dd/yyyy)

WIN ID/ Field ID 14/3302J1GS7

WBID: Latitude: 30.413111

(Decimal Degrees)

County: Escambia

ORG ID: Longitude: 87.2011944

(Decimal Degrees)

Receiving Body of Water: Pensacola Bay

RQ - 2022-11-14-04

| Sampling Team Members                                        |  | WQ Measurements                                  | Sample Collection                   | Documentation                              | Preservation                        | Preservation Check                  | Duplicate Collection                | Blank Collection                    | Sampling Equipment                                   |                                   |                               |
|--------------------------------------------------------------|--|--------------------------------------------------|-------------------------------------|--------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------|-----------------------------------|-------------------------------|
| Zach Schang                                                  |  | <input checked="" type="checkbox"/>              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn | <input type="checkbox"/> Pole |
| Beth Fugate                                                  |  | <input checked="" type="checkbox"/>              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe  |                               |
| Collie Houck                                                 |  | <input checked="" type="checkbox"/>              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> 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 / Intertidal / <u>Flowing</u> / NA |                                     | Tide: Rising / <u>Falling</u> / Slack / NA |                                     | Tide Times: High 2:27 Low 1:05      |                                     | (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       | 10:39 | 1.0             | 1.5              | VOB             | 8.1       | 102.7     | 8.09 | 30.82          | 47264              | 17.8       |

| 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           | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                         |         |                | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | SA2229010 | 8/30/22 <2          |
| Metals                        | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                         |         |                | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |           | <2                  |
| Filtered Nutrients            | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                 |         |                | <input type="checkbox"/> Ice                                                      |           |                     |
| Chlorophyll                   | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                     |         |                | <input checked="" type="checkbox"/> Ice                                           |           |                     |
| Physical/Aggregate (Fresh)    | <input type="checkbox"/> Alkalinity W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                      |         |                | <input type="checkbox"/> Ice                                                      |           |                     |
| Physical/Aggregate (Marine)   | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                      |         |                | <input checked="" type="checkbox"/> Ice                                           |           |                     |
| Macroinvertebrates            | <input type="checkbox"/> MI-FW-QIDC                                                                                                                                                                                     |         |                | <input type="checkbox"/> Formalin                                                 |           |                     |
| Periphyton                    | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                       |         |                | <input type="checkbox"/> Ice                                                      |           |                     |
| Microbiology                  | <input type="checkbox"/> F Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                         |         |                | <input checked="" type="checkbox"/> Ice                                           |           |                     |
| Molecular                     | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD        |         |                | <input type="checkbox"/> Ice                                                      |           |                     |
| Tracers                       | <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-E3821-DI                                                                                                                                                 |         |                | <input type="checkbox"/> Ice                                                      |           |                     |
| Pesticides                    | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-E3821-MS <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-E3821-DI <input type="checkbox"/> W-CARB-AA |         |                | <input type="checkbox"/> Ice                                                      |           |                     |
| Phytoplankton                 | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     |         |                | <input type="checkbox"/> Ice                                                      |           |                     |

## Document Reference # 05.1.0

Sampler's initials:

Date/Time: 11/10/2022 / 12:50

Date/Time: 11/16/2022 1:55

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# 120020 0134 Marine Waters \_\_\_\_\_ "Samples are ambient water and not suspected to contain chlorine" \_\_\_\_\_

RQ-2022-11-14-04 \_\_\_\_\_

Contact organization \_\_\_\_\_ FDEP \_\_\_\_\_ Contact name \_Zach Schang\_\_\_\_\_ Phone: (850) 324-1666

Address 160 Governmental Center, suite 308, Pensacola, FL 32502 Sampler's name: \_\_\_\_\_

<sup>1</sup>Matrix: SW = surface water, PV = pore water, GW = ground water, S = soil/sediment, X = SW  
<sup>2</sup>Type codes: G = grab, C = composite, X = G  
<sup>3</sup>Recorded using IRT-2