



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
☒ Yes / ☐ No

**WIN Station Name:** Twin Lakes eastern lake **Date:** 2/10/2021  
**WIN/Field ID:** G3NW0449 **WBID:** 906A **ENR:** **Latitude:** 30.39377  
**County:** Okaloosa **Org ID:** 21FLPNS **Longitude:** 86.47302  
**Receiving Body of Water:** Choctawhatchee Bay **RQ:** 2021-02-08-43

| Sampling Team Members               |                           | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|---------------------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Christopher Stopher Slade | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Nathan Mulkey             |                 | x                 |               | x            | x                  |
| <input type="checkbox"/>            |                           |                 |                   |               |              |                    |
| <input type="checkbox"/>            |                           |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                                 |
|------------------------------------------------------|-------------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Carboy                 |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Van Dorn               |
| <input checked="" type="checkbox"/> Syringe          | <input type="checkbox"/> Pole                   |
| Depth measured with: Meter                           |                                                 |
| Secchi Equipment ID:                                 |                                                 |
| Collection Method                                    |                                                 |
| <input type="checkbox"/> Wading                      | <input checked="" type="checkbox"/> Canoe/Kayak |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor         |
| <input type="checkbox"/> Other                       | <input type="checkbox"/> Gasoline Motor         |

|                                                                                                                                                                                                                                                                        |  |                 |  |              |  |                                     |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--|--------------|--|-------------------------------------|--|--|--|--|--|
| <b>Water Level:</b> <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> Dry <input type="checkbox"/> Pooled <input type="checkbox"/> Flooded                                                |  |                 |  |              |  | <b>Meter ID#</b><br>155077 (PRODSS) |  |  |  |  |  |
| <b>Photos:</b> YES                                                                                                                                                                                                                                                     |  | <b>Flow:</b> NA |  | <b>Tide:</b> |  | <b>Tide Times:</b><br>High: Low:    |  |  |  |  |  |
| <b>Biological Samples Collected:</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> HA <input type="checkbox"/> SCI <input type="checkbox"/> RPS <input type="checkbox"/> Algae ID <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |  |                 |  |              |  |                                     |  |  |  |  |  |
| <b>SBIO ID Numbers:</b>                                                                                                                                                                                                                                                |  |                 |  |              |  |                                     |  |  |  |  |  |
| <b>Notes:</b>                                                                                                                                                                                                                                                          |  |                 |  |              |  |                                     |  |  |  |  |  |

## Duplicate Sample

|                             |              |                      |              |
|-----------------------------|--------------|----------------------|--------------|
| <b>Time Zone:</b> CEN       | <b>Time:</b> | <b>Field ID:</b> N/A | (WIN ID_DUP) |
| <b>WIN DMT Activity ID:</b> |              |                      |              |

## Blank

|                                |              |                           |                      |
|--------------------------------|--------------|---------------------------|----------------------|
| <b>Time Zone:</b>              | <b>Time:</b> | <b>Field ID:</b>          | (Blank Type_DDDMMYY) |
| <b>DI Source:</b>              |              | <b>Location:</b>          |                      |
| <b>DI Type:</b>                |              | <b>Equipment ID:</b>      |                      |
| <b>DI Container (Name/ID):</b> |              | <b>DI Container Type:</b> |                      |

LIMS EVENT ID: WIN Import ID:  
Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:  
(Initials/Date) (Initials/Date)  
Scan/Save Field Sheets Migrate Data to WIN: Verify Data In WIN:  
(Initials/Date) (Initials/Date) (Initials/Date)



RQ-2021-02-08-43

Customer: WQAP

Project ID: SMP

Collected By: Christopher Stopher Slade, Nathan Mulkey

Field Report Prepared By: Christopher Stopher Slade

Sampling Agency: FDEP

| <b>WIN ID/Field ID:</b><br><b>G3NW0449</b>                 |             |                                                                                                                                                                                                       |           |                                                                      |      |                                                                                    | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratories (2)          |                                        |                       |                              |
|------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------|------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------|-----------------------|------------------------------|
| <b>Location:</b> Twin Lakes eastern lake                   |             |                                                                                                                                                                                                       |           |                                                                      |      |                                                                                    |                                                                                         |                                        |                       |                              |
| <b>Matrix:</b> Fresh                                       |             |                                                                                                                                                                                                       |           |                                                                      |      |                                                                                    | (Check one) <input checked="" type="checkbox"/> GRAB <input type="checkbox"/> COMPOSITE |                                        |                       |                              |
| Date                                                       | Time        | DO (mg/L)                                                                                                                                                                                             | DO (%SAT) | Temp. (C°)                                                           | pH   | Sample Depth (m)                                                                   | Secchi Disk (m)                                                                         | Total Depth (m)                        | Sp COND (µmhos/cm)    | Salinity (PPT <sub>h</sub> ) |
| 2/10/2021                                                  | 1025<br>CEN | 10.51                                                                                                                                                                                                 | 106.1     | 16                                                                   | 6.65 | 0.3                                                                                | 0.9<br><input type="checkbox"/> VOB (S)                                                 | 1.4                                    | 159.1                 | 0.08                         |
|                                                            |             |                                                                                                                                                                                                       |           |                                                                      |      |                                                                                    | Central Lab please use top row for login purposes                                       |                                        |                       |                              |
|                                                            | CEN         |                                                                                                                                                                                                       |           |                                                                      |      |                                                                                    |                                                                                         |                                        |                       |                              |
| Parameter Suite                                            |             | Parameter Methods                                                                                                                                                                                     |           |                                                                      |      | Preservation                                                                       |                                                                                         | pH Check                               | # Bottles sent to Lab | Bottle Group                 |
| <b>Preserved Nutrients (P-500ML)</b>                       |             | <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* |                                                                                         | <input checked="" type="checkbox"/> <2 | 1                     | A                            |
|                                                            |             | <b>Lot #</b> 0293040                                                                                                                                                                                  |           | <b>Exp:</b>                                                          |      | 10/19/21                                                                           |                                                                                         |                                        |                       |                              |
| <b>Metals (P-500ML)</b>                                    |             | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD                                                                                                       |           |                                                                      |      | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*                        |                                                                                         | <input type="checkbox"/> <2            |                       |                              |
|                                                            |             | <b>Lot #</b>                                                                                                                                                                                          |           | <b>Exp:</b>                                                          |      |                                                                                    |                                                                                         |                                        |                       |                              |
| <b>Filtered Nutrients (P125ML)</b>                         |             | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                         |           |                                                                      |      | <input checked="" type="checkbox"/> Ice                                            |                                                                                         |                                        | 1                     | A                            |
|                                                            |             | <b>Filter Lot #</b> 17097890                                                                                                                                                                          |           |                                                                      |      |                                                                                    |                                                                                         |                                        |                       |                              |
|                                                            |             | <b>Syringe Lot #</b> 0079929                                                                                                                                                                          |           |                                                                      |      |                                                                                    |                                                                                         |                                        |                       |                              |
| <b>Chlorophyll (BP-1L)</b>                                 |             | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                        |           |                                                                      |      | <input checked="" type="checkbox"/> Ice                                            |                                                                                         |                                        | 1                     | A                            |
| <b>Physical/Aggregate (Fresh) (P-1L)</b>                   |             | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                       |           |                                                                      |      | <input checked="" type="checkbox"/> Ice                                            |                                                                                         |                                        | 1                     | A                            |
| <b>Physical/Aggregate (Marine) (P-1L)</b>                  |             | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                               |           |                                                                      |      | <input type="checkbox"/> Ice                                                       |                                                                                         |                                        |                       |                              |
| <b>Macroinvertebrates (PJ-2L)</b>                          |             | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                   |           |                                                                      |      | <input type="checkbox"/> Formalin                                                  |                                                                                         |                                        |                       |                              |
| <b>Periphyton (PT-50ML)</b>                                |             | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                     |           |                                                                      |      | <input type="checkbox"/> Ice                                                       |                                                                                         |                                        |                       |                              |
| <b>Microbiology (Contract Lab Bottle)</b>                  |             | <input checked="" type="checkbox"/> E Coli <input checked="" type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci<br><input checked="" type="checkbox"/> Contract Lab             |           |                                                                      |      | <input checked="" type="checkbox"/> Ice                                            |                                                                                         |                                        | 2                     | A                            |
| <b>Molecular (QPCR-P-500ML)</b>                            |             | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/> |           |                                                                      |      | <input type="checkbox"/> Ice                                                       |                                                                                         |                                        |                       |                              |
| <b>Tracers (BG-500ML)</b>                                  |             | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                               |           |                                                                      |      | <input type="checkbox"/> Ice                                                       |                                                                                         |                                        |                       |                              |
| <b>Pesticides (BG-500ML) (BG-1L)</b>                       |             | <input type="checkbox"/> W-E8321-DI                                                                                                                                                                   |           | <input type="checkbox"/> WE8321-MS                                   |      | <input type="checkbox"/> W-PSNP-TQ                                                 |                                                                                         | <input type="checkbox"/> W-CT-CL-R     |                       |                              |
|                                                            |             | <input type="checkbox"/> W-PCL-SQ-R                                                                                                                                                                   |           | <input type="checkbox"/> W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |      | <input type="checkbox"/> W-DIELDRIN                                                |                                                                                         | <input type="checkbox"/> Ice           |                       |                              |
| <b>Phytoplankton/Periphyton</b>                            |             | <input type="checkbox"/> DTM-QL-C                                                                                                                                                                     |           | <input type="checkbox"/> PEN-QL-C                                    |      | <input type="checkbox"/> DTY-QN-C                                                  |                                                                                         | <input type="checkbox"/> PKD-QN-C      |                       |                              |
|                                                            |             | <input type="checkbox"/> DTM-QN-C                                                                                                                                                                     |           | <input type="checkbox"/> PRN-QN-C                                    |      | <input type="checkbox"/> PKD-QN-BV                                                 |                                                                                         | <input type="checkbox"/> Ice           |                       |                              |
| <b>Name:</b><br>Christopher Stopher Slade<br>Nathan Mulkey |             |                                                                                                                                                                                                       |           | <b>Signature:</b><br><i>Christopher Slade</i>                        |      |                                                                                    |                                                                                         | <b>Date:</b><br>2/10/21                |                       |                              |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution