



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## STRATEGIC MONITORING PLAN FIELD SHEET

January 2022

Meter Passed End

of Day CCV

Yes / No

WIN Station Name: Alligator Lake

Date: 6/16/2022

WIN/Field ID: G3NW0219

WBID: 959E

ENR: -

Latitude: 30.33561

County: WALTON

Org ID: 21FLPNS

Longitude: -86.17429

Receiving Body of Water: Gulf Of Mexico Walton County

RQ: 2022-06-13-30

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

|                                                                                                                                                                                                                  |       |                                          |                             |                              |                              |                                   |                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------------|------------------------------------------------------------------|
| Water Level: <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 |       |                                          |                             |                              |                              | Meter ID# 154179 (PRODSS)         |                                                                  |
| Photos: No                                                                                                                                                                                                       | Flow: |                                          |                             | Tide: N/A                    |                              | Tide Times: High: Low:            |                                                                  |
| Biological Samples Collected:                                                                                                                                                                                    |       | <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: |
| SBIO ID Numbers:                                                                                                                                                                                                 |       |                                          |                             |                              |                              |                                   |                                                                  |
| Notes:                                                                                                                                                                                                           |       |                                          |                             |                              |                              |                                   |                                                                  |

### Duplicate Sample

|                      |       |           |              |
|----------------------|-------|-----------|--------------|
| Time Zone: CEN       | Time: | Field ID: | (WIN ID_DUP) |
| WIN DMT Activity ID: |       |           |              |

### Blank

|                         |               |                    |                       |
|-------------------------|---------------|--------------------|-----------------------|
| Time Zone:              | Time:         | Field ID:          | (Blank Type_DDMMYYYY) |
| DI Source:              | Location:     |                    |                       |
| DI Type:                | Equipment ID: |                    |                       |
| DI Container (Name/ID): |               | DI Container Type: |                       |

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets Migrate Data to WIN: Verify Data In WIN:



RQ-2022-06-13-30

Customer: NW-DIST

Project ID: STRATEGIC MONITORING PLAN

Collected By: Nathan Mulkey, Other

Field Report Prepared By: Nathan Mulkey

Sampling Agency: FDEP

| Place Label Here                   |             |                                                                                                                                                                                                                                                                                                                                   |           |            |                                                                                                 | Comments: Microbiology sample(s) submitted to contract laboratory.                      |                                                   |                             |                       |                              |  |
|------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------|-----------------------|------------------------------|--|
| WIN ID/Field ID:                   |             |                                                                                                                                                                                                                                                  |           |            |                                                                                                 |                                                                                         |                                                   |                             |                       |                              |  |
|                                    |             | G3NW0219                                                                                                                                                                                                                                                                                                                          |           |            |                                                                                                 |                                                                                         |                                                   |                             |                       |                              |  |
| Location:                          |             | Alligator Lake                                                                                                                                                                                                                                                                                                                    |           |            |                                                                                                 |                                                                                         |                                                   |                             |                       |                              |  |
| Matrix: Marine                     |             |                                                                                                                                                                                                                                                                                                                                   |           |            |                                                                                                 | (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> ) |  |
| 6/16/2022                          | 1115<br>CEN | 5.97                                                                                                                                                                                                                                                                                                                              | 83.6      | 32.6       | 6.96                                                                                            | 0.3                                                                                     | 0.7<br><input type="checkbox"/> VOB (S)           | 1.8                         | 6749                  | 3.65                         |  |
|                                    | 1118<br>CEN | 0.07                                                                                                                                                                                                                                                                                                                              | 1.5       | 29.8       | 6.69                                                                                            | 1.3                                                                                     | Central Lab please use top row for login purposes |                             | 15200                 | 8.11                         |  |
| Parameter Suite                    |             | Parameter Methods                                                                                                                                                                                                                                                                                                                 |           |            |                                                                                                 | Preservation                                                                            |                                                   | pH Check                    | # Bottles sent to Lab | Bottle Group                 |  |
| Preserved Nutrients (P-500ML)      |             | <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 type="checkbox"/> <2 | 1                     | B                            |  |
|                                    |             | Lot #                                                                                                                                                                                                                                                                                                                             |           | 1308030    |                                                                                                 | Exp:                                                                                    |                                                   | 12/1/22                     |                       |                              |  |
| Metals (P-500ML)                   |             | <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 |                       |                              |  |
|                                    |             | Lot #                                                                                                                                                                                                                                                                                                                             |           |            |                                                                                                 | Exp:                                                                                    |                                                   |                             |                       |                              |  |
| Filtered Nutrients (P125ML)        |             | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                                                                                           |           |            |                                                                                                 | <input type="checkbox"/> Ice                                                            |                                                   |                             |                       |                              |  |
|                                    |             | Filter Lot #                                                                                                                                                                                                                                                                                                                      |           |            |                                                                                                 | Syringe Lot #                                                                           |                                                   |                             |                       |                              |  |
| BOD (BP-1L)                        |             | <input type="checkbox"/> OV-BODUNIN                                                                                                                                                                                                                                                                                               |           |            |                                                                                                 | <input type="checkbox"/> Ice                                                            |                                                   |                             |                       |                              |  |
| Chlorophyll (BP-1L)                |             | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                                                    |           |            |                                                                                                 | <input checked="" type="checkbox"/> Ice                                                 |                                                   |                             | 1                     | B                            |  |
| Physical/Aggregate (Fresh) (P-1L)  |             | <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) (P-1L) |             | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                                                                          |           |            |                                                                                                 | <input checked="" type="checkbox"/> Ice                                                 |                                                   |                             | 1                     | B                            |  |
| Macroinvertebrates (PJ-2L)         |             | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                                                               |           |            |                                                                                                 | <input type="checkbox"/> Formalin                                                       |                                                   |                             |                       |                              |  |
| Periphyton (PT-50ML)               |             | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                                                                 |           |            |                                                                                                 | <input type="checkbox"/> Ice                                                            |                                                   |                             |                       |                              |  |
| Microbiology (Contract Lab Bottle) |             | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci<br><input checked="" type="checkbox"/> Contract Lab                                                                                                                                                               |           |            |                                                                                                 | <input checked="" type="checkbox"/> Ice                                                 |                                                   |                             | 1                     | B                            |  |
| Molecular (QPCR-P-500ML)           |             | <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"/> Ice                                                            |                                                   |                             |                       |                              |  |
| Tracers (BG-500ML)                 |             | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                                                                                           |           |            |                                                                                                 | <input type="checkbox"/> Ice                                                            |                                                   | MCAA Exp.                   |                       |                              |  |
| Pesticides (BG-500ML) (BG-1L)      |             | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-Cl-R<br><input type="checkbox"/> W-PCL-TQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution) <input type="checkbox"/> W-TR-SQ-R<br><input type="checkbox"/> W-PCB-TQ-R |           |            |                                                                                                 | <input type="checkbox"/> Ice                                                            |                                                   | MCAA Lot#                   |                       |                              |  |
| Phytoplankton/Periphyton           |             | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                                                                                                                               |           |            |                                                                                                 | <input type="checkbox"/> Ice                                                            |                                                   |                             |                       |                              |  |
| Name: Nathan Mulkey<br>Other       |             |                                                                                                                                                                                                                                                                                                                                   |           |            | Signature:  |                                                                                         |                                                   |                             |                       | Date: 06/16/2022             |  |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution