

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

## STRATEGIC MONITORING PLAN FIELD SHEET

January 2022

Meter Passed End  
of Day CCV  
Yes / No

WIN Station Name: Manatee Pocket North

Date: 4/13/2022

WIN/Field ID: G2SE0063

WBID: 3208C

ENR: ENRZ6

Latitude: 27.15

County: MARTIN

Org ID: 21FLWPB

Longitude: -80.2

Receiving Body of Water: St. Lucie - Loxahatchee

RQ: 2022-04-11-39

| Sampling Team Members               |                | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-------------------------------------|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | Andrew Luering | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | Drew Liddick   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/>            |                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <input type="checkbox"/>            |                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <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 type="checkbox"/> Canoe/Kayak    |
| <input checked="" 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# HODOR |                        |
| Photos: YES                                                                                                                                                                                                                                                     | Flow: NA | 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: EST Time: Field ID: N/A | (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: SE-DIST-2022-04-14-01

WIN Import ID: 32729

Enter Field Parameters, Verify Station ID In LIMS DMT: CH 04/18/2022

QC Station ID, Field Parameters In LIMS DMT: AL 05/11/2022

(Initials/Date)

(Initials/Date)

Scan/Save Field Sheets CH 04/18/2022

Migrate Data to WIN: AL 05/11/2022

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)



RQ-2022-04-11-39

Customer: \_\_\_\_\_

Project ID: STRATEGIC MONITORING PLAN

Collected By: Andrew Luering, Drew Liddick

Field Report Prepared By: Andrew Luering

Sampling Agency: FDEP

| Place Label Here                                                                                               |             |                                                                                                                                                                                                                                                                                                                                   |           |            |      | Comments:                                                                                       |                                                   |                                        |                       |                |
|----------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------|-------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------|-----------------------|----------------|
| WIN ID/Field ID: <br>G2SE0063 |             |                                                                                                                                                                                                                                                                                                                                   |           |            |      |                                                                                                 |                                                   |                                        |                       |                |
| Location: Manatee Pocket North                                                                                 |             |                                                                                                                                                                                                                                                                                                                                   |           |            |      |                                                                                                 |                                                   |                                        |                       |                |
| 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) |
| 4/13/2022                                                                                                      | 1140<br>EST | 6.44                                                                                                                                                                                                                                                                                                                              | 92.5      | 24.3       | 7.79 | 0.3                                                                                             | 1.1<br><input type="checkbox"/> VOB (S)           | 1.44                                   | 48839                 | 31.78          |
|                                                                                                                | EST         |                                                                                                                                                                                                                                                                                                                                   |           |            |      |                                                                                                 | Central Lab please use top row for login purposes |                                        |                       |                |
| 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 checked="" type="checkbox"/> <2 | 1                     | A              |
|                                                                                                                |             | Lot #                                                                                                                                                                                                                                                                                                                             | SA1308030 |            | Exp: |                                                                                                 | 12/01/2022                                        |                                        |                       |                |
| Metals (P-500ML)                                                                                               |             | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD                                                                                                                                                                                                             |           |            |      | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3*               |                                                   | <input checked="" type="checkbox"/> <2 | 1                     | A              |
|                                                                                                                |             | Lot #                                                                                                                                                                                                                                                                                                                             | NA1286110 |            | Exp: |                                                                                                 | 11/16/2022                                        |                                        |                       |                |
| Filtered Nutrients (P125ML)                                                                                    |             | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                                                                                           |           |            |      | <input type="checkbox"/> Ice                                                                    |                                                   |                                        |                       |                |
| 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                     | A              |
| Physical/Aggregate (Fresh) (P-1L)                                                                              |             | <input checked="" type="checkbox"/> TDS <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CLIC / W-COLOR / W-SO4-IC / W-                                                                                                                                                                                          |           |            |      | <input type="checkbox"/> Ice                                                                    |                                                   |                                        |                       |                |
| Physical/Aggregate (Marine) (P-1L)                                                                             |             | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                                                                |           |            |      | <input checked="" type="checkbox"/> Ice                                                         |                                                   |                                        | 1                     | A              |
| Macroinvertebrates (PJ-2L)                                                                                     |             | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                                                               |           |            |      | Formalin                                                                                        |                                                   |                                        |                       |                |
| Periphyton (PT-50ML)                                                                                           |             | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                                                                 |           |            |      | <input type="checkbox"/> Ice                                                                    |                                                   |                                        |                       |                |
| Microbiology (Contract Lab Bottle)                                                                             |             | <input type="checkbox"/> Coli <input type="checkbox"/> Coli <input checked="" type="checkbox"/> Enterococci                                                                                                                                                                                                                       |           |            |      | <input checked="" type="checkbox"/> Ice                                                         |                                                   |                                        | 1                     | A              |
| 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: Andrew Luering<br>Drew Liddick                                                                           |             |                                                                                                                                                                                                                                                                                                                                   |           |            |      | Signature:  |                                                   |                                        | Date: 04/06/2022      |                |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution