



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: ENRE11 Sunday Bay

Date: 10/23/2019

(mm/dd/yyyy)

WIN/ Field ID: G5SD0094

WBID: 3289A

Latitude: 25.800367

(Decimal Degrees)

County: Collier

ORG ID: 21FLFTM

Longitude: -81.286496

(Decimal Degrees)

Receiving Body of Water: Gulf of Mexico

RQ-2019-09-23-47

| Sampling Team Members                                                        |                                                                                                                                                                                                                                                                                     |                                                    |                  |                 | WQ Measurements                     | Sample Collection                                                                 | Documentation | Preservation           | Preservation Check                     | Sampling Equipment                                   |                                             |                               |  |  |
|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------|-----------------|-------------------------------------|-----------------------------------------------------------------------------------|---------------|------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------------|-------------------------------|--|--|
| Nicole Reistad                                                               |                                                                                                                                                                                                                                                                                     |                                                    |                  |                 |                                     |                                                                                   |               |                        |                                        | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn           | <input type="checkbox"/> Pole |  |  |
| Gary Shorek                                                                  |                                                                                                                                                                                                                                                                                     |                                                    |                  |                 |                                     |                                                                                   |               |                        |                                        | <input type="checkbox"/> Carboy                      | <input checked="" type="checkbox"/> Syringe |                               |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                     |                                                    |                  |                 |                                     |                                                                                   |               |                        |                                        | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other              |                               |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                     |                                                    |                  |                 |                                     |                                                                                   |               |                        |                                        | Depth Measured with <u>Social</u>                    |                                             |                               |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                     |                                                    |                  |                 |                                     |                                                                                   |               |                        |                                        | Equipment ID <u>05128</u>                            |                                             |                               |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                     |                                                    |                  |                 |                                     |                                                                                   |               |                        |                                        | 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 type="checkbox"/> Gasoline Motor     |                               |  |  |
| Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded               |                                                                                                                                                                                                                                                                                     |                                                    |                  |                 | Meter ID# <u>SWK</u>                |                                                                                   |               |                        |                                        | Matrix: Fresh / <u>Marine</u> / DI                   |                                             |                               |  |  |
| Photos: Yes / <u>No</u>                                                      |                                                                                                                                                                                                                                                                                     | Flow: No Flow / Interstitial / <u>Flowing</u> / NA |                  |                 | Tide: Rising / Falling / Slack / NA |                                                                                   |               | Tide Times: High / Low |                                        |                                                      |                                             |                               |  |  |
| 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°)                                           |                                             |                               |  |  |
| <u>EST</u>                                                                   | <u>1215</u>                                                                                                                                                                                                                                                                         | <u>1.5</u>                                         | <u>0.3</u>       | <u>0.7</u>      | <u>4.20</u>                         | <u>61.7</u>                                                                       | <u>7.41</u>   | <u>22.16</u>           | <u>35361</u>                           | <u>29.5</u>                                          |                                             |                               |  |  |
| CEN                                                                          |                                                                                                                                                                                                                                                                                     |                                                    | <u>1.0</u>       |                 | <u>4.09</u>                         | <u>60.4</u>                                                                       | <u>7.38</u>   | <u>22.17</u>           | <u>35367</u>                           | <u>29.5</u>                                          |                                             |                               |  |  |
| Biological Samples Collected: <u>None</u> 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 |               |                        | <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 checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                       |                                                    |                  |                 |                                     | <input checked="" 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-Cl-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-QLDC                                                                                                                                                                                                                                                 |                                                    |                  |                 |                                     | <input type="checkbox"/> Formalin                                                 |               |                        |                                        |                                                      |                                             |                               |  |  |
| Periphyton                                                                   | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                   |                                                    |                  |                 |                                     | <input type="checkbox"/> Ice                                                      |               |                        |                                        |                                                      |                                             |                               |  |  |
| Microbiology                                                                 | <input type="checkbox"/> E Coli <input checked="" 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-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                                             |                                                    |                  |                 |                                     | <input type="checkbox"/> Ice                                                      |               |                        |                                        |                                                      |                                             |                               |  |  |
| Pesticides                                                                   | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> WE8321-MS <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                                                      |               |                        |                                        |                                                      |                                             |                               |  |  |
| Notes:                                                                       |                                                                                                                                                                                                                                                                                     |                                                    |                  |                 |                                     | Field ID/WIN ID                                                                   |               | G5SD0094               |                                        |                                                      |                                             |                               |  |  |
|                                                                              |                                                                                                                                                                                                                                                                                     |                                                    |                  |                 |                                     | Location                                                                          |               | ENRE11 Sunday Bay      |                                        |                                                      |                                             |                               |  |  |
| Signature: <u>Gary Shorek</u>                                                |                                                                                                                                                                                                                                                                                     |                                                    |                  |                 |                                     | Date: <u>10/23/19</u>                                                             |               |                        |                                        |                                                      |                                             |                               |  |  |

LIMS EVENT ID: SO-DIST-2019-10-24-01

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: MC 11/4/19

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets MC 11/4/19

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data in WIN:

(Initials/Date)