



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: ENRE9 Lopez River

Date: 10/23/2019

(mm/dd/yyyy)

WIN/ Field ID: G5SD0093

WBID: 3289A

Latitude: 25.794763

(Decimal Degrees)

County: Collier

ORG ID: 21FLFTM

Longitude: -81.297383

(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>Seedi</u>                     |                                                    |                               |  |
|                                                                              |                                                                                                                                                                                                                     |                 |                  |                                                    |                                                                                   |               |              |                                    | Equipment ID <u>33123</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 checked="" type="checkbox"/> Gasoline Motor |                               |  |
| Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded               |                                                                                                                                                                                                                     |                 |                  | Meter ID#                                          |                                                                                   |               |              | 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 (umhos/cm)                                   | Temp. (C°)                                         |                               |  |
| EST                                                                          | 1200                                                                                                                                                                                                                | 2.6             | 0.3              | 1.0                                                | 3.84                                                                              | 58.0          | 7.41         | 24.86                              | 39143                                                | 29.6                                               |                               |  |
| CEN                                                                          |                                                                                                                                                                                                                     |                 | 2.1              |                                                    | 3.96                                                                              | 55.7          | 7.39         | 25.40                              | 39987                                                | 29.5                                               |                               |  |
| 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 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                     |                 |                  |                                                    | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 |               |              | <input 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 um 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 / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                  |                 |                  |                                                    | <input type="checkbox"/> Ice                                                      |               |              |                                    |                                                      |                                                    |                               |  |
| Physical/Aggregate (Marine)                                                  | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                  |                 |                  |                                                    | <input checked="" type="checkbox"/> Ice                                           |               |              |                                    |                                                      |                                                    |                               |  |
| Macroinvertebrates                                                           | <input type="checkbox"/> MI-FW-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 <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GPD       |                 |                  |                                                    | <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 <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: <u>G5SD0093</u>                                                  |               |              |                                    |                                                      |                                                    |                               |  |
|                                                                              |                                                                                                                                                                                                                     |                 |                  |                                                    | Location: <u>ENRE9 Lopez River</u>                                                |               |              |                                    |                                                      |                                                    |                               |  |
| 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

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)