



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: GEORGES LAKE CENTER

Date: 1/16/19  
(mm/dd/yyyy)

WIN/Field ID: 20030417

WBID: 2541

Latitude: 29.79323

(Decimal Degrees)

County: Putnam

ORG ID: 21FLA

Longitude: -81.8489

(Decimal Degrees)

Receiving Body of Water: NA

RQ-2019-01-14-27

| Sampling Team Members |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| J. Parrish            |  |  |  |  | X               | X                 | X             | X            | X                  |
| C. Ruben              |  |  |  |  |                 | X                 |               |              |                    |

| Sampling Equipment                                   |                                   |                               |
|------------------------------------------------------|-----------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn | <input type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe  |                               |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other    |                               |
| Depth Measured with <u>YSI #3</u>                    |                                   |                               |
| Equipment ID <u>Ortho #7</u>                         |                                   |                               |

| Collection Method                   |                                                    |
|-------------------------------------|----------------------------------------------------|
| <input type="checkbox"/> Wading     | <input type="checkbox"/> Canoe/Kayak               |
| <input type="checkbox"/> From Shore | <input checked="" type="checkbox"/> Electric Motor |
| <input type="checkbox"/> Other      | <input type="checkbox"/> Gasoline Motor            |

Water Level: Dry / Pooled / Low / Normal / High / Flooded  
Meter ID# YSI #3 Matrix: Fresh / Marine / DI  
Photos: Yes NO Flow: No Flow / Intestinal / Flowing 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°) |
|-----------|------|-----------------|------------------|-----------------|-----------|-----------|------|----------------|--------------------|------------|
| EST       | 1100 | 4.0             | 0.3              | 0.6             | 9.1       | 91.2      | 5.96 | 0.02           | 47                 | 15.5       |
| CEN       |      |                 | 3.5              |                 | 9.0       | 89.9      | 5.88 | 0.02           | 47                 | 15.2       |

Biological Samples Collected: None 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 checked="" type="checkbox"/> W-NO2NO3 / <input checked="" type="checkbox"/> W-TKN / <input checked="" type="checkbox"/> W-TOC / <input checked="" type="checkbox"/> W-S-A-TP                                                                                                                                             | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | SAB197090 | 7/2019     | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP                                                                                                                                                                                                                                                                                       | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3  | NAB197080 | 7/2019     | <input checked="" 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                                           | SA1579245 |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Fresh)  | <input checked="" type="checkbox"/> Alkalinity / <input checked="" type="checkbox"/> W-F / <input checked="" type="checkbox"/> W-TSS / <input checked="" type="checkbox"/> TURBIDITY / <input checked="" type="checkbox"/> W-Cl-IC / <input checked="" type="checkbox"/> W-COLOR / <input checked="" type="checkbox"/> W-SO4-IC / <input checked="" type="checkbox"/> W-TDS | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / <input type="checkbox"/> W-BR-IC / <input type="checkbox"/> W-F / <input type="checkbox"/> W-TSS / <input type="checkbox"/> TURBIDITY                                                                                                                                                                                                 | <input 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 type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                                                                                                                                                                        | <input 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:

Signature: Chyane R Date: 1/16/19

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: QC Station ID, Field Parameters in LIMS DMT: BD 1/28/19

Scan/Save Field Sheets BD 1/28/19 Migrate Data to WIN: Verify Data in WIN:

**Florida Department of Environmental Protection**  
**Central Laboratory Submittal Form**

Interlachen 1

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

Project ID: SUP

Sampling Agency:

|           |                                                             |                                                                                     |                                                                           |                                                           |                     |                                                                            |                                    |                               |
|-----------|-------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|---------------------|----------------------------------------------------------------------------|------------------------------------|-------------------------------|
| Location  | WIN ID / Field ID:                                          |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 1/16/19 Time 1000 | Eastern<br>Central  | Composite end<br>Date                                                      | Time                               | Bottle Group(s)<br>(See pg 2) |
| Field ID  |                                                             | G2NE1156                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh            | Diss. Oxygen<br>6.3 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      | B                             |
| WIN/STORE |                                                             | Smith lake Center                                                                   |                                                                           | Temp (C)<br>14.2                                          | pH<br>4.82          | Sample Depth<br>0.3                                                        | Sp. Conductance<br>(umho/cm)<br>29 |                               |
| Latitude  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br>0.01                                    | Comments            |                                                                            |                                    |                               |
| Location  | WIN / Field ID:                                             |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 1/16/19 Time 1050 | Eastern<br>Central  | Composite end<br>Date                                                      | Time                               | Bottle Group(s)               |
| Field ID  |                                                             | 20030914                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh            | Diss. Oxygen<br>9.1 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      | A                             |
| WIN/STORE |                                                             | GEORGES LAKE NE SECTOR                                                              |                                                                           | Temp (C)<br>15.56                                         | pH<br>6.10          | Sample Depth<br>0.3                                                        | Sp. Conductance<br>(umho/cm)<br>47 |                               |
| Latitude  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br>0.02                                    | Comments            |                                                                            |                                    |                               |
| Location  | WIN / Field ID:                                             |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 1/16/19 Time 1100 | Eastern<br>Central  | Composite end<br>Date                                                      | Time                               | Bottle Group(s)               |
| Field ID  |                                                             | 20030417                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh            | Diss. Oxygen<br>9.1 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      | A                             |
| WIN/STORE |                                                             | GEORGES LAKE CENTER                                                                 |                                                                           | Temp (C)<br>15.5                                          | pH<br>5.96          | Sample Depth<br>0.3                                                        | Sp. Conductance<br>(umho/cm)<br>47 |                               |
| Latitude  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br>0.02                                    | Comments            |                                                                            |                                    |                               |
| Location  | WIN / Field ID:                                             |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 1/16/19 Time 1200 | Eastern<br>Central  | Composite end<br>Date                                                      | Time                               | Bottle Group(s)               |
| Field ID  |                                                             | G1NE0867                                                                            |                                                                           | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh            | Diss. Oxygen<br>7.4 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      | B                             |
| WIN/STORE |                                                             | Church Lake Center                                                                  |                                                                           | Temp (C)<br>15.5                                          | pH<br>6.24          | Sample Depth<br>0.3                                                        | Sp. Conductance<br>(umho/cm)<br>41 |                               |
| Latitude  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br>0.02                                    | Comments            |                                                                            |                                    |                               |

|                  |           |                 |                            |              |           |
|------------------|-----------|-----------------|----------------------------|--------------|-----------|
| Relinquished By: | Date/Time | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time |
| Jeremy Parrish   | 1/16/19   | FedEx           | 2                          |              |           |

|          |              |         |                 |               |               |                                     |   |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L    | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
|          | ALKALINITY   |         |                 |               |               |                                     |   |
|          | TURBIDITY    |         |                 |               |               |                                     |   |
|          | W-CL-IC      |         |                 |               |               |                                     |   |
|          | W-COLOR      |         |                 |               |               |                                     |   |
|          | W-F          |         |                 |               |               |                                     |   |
|          | W-SO4-IC     |         |                 |               |               |                                     |   |
|          | W-TDS        |         |                 |               |               |                                     |   |
|          | W-TSS        |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | BP-1L   | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
|          | CHLSUITE-W   |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 2 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 2 |
|          | W-ICP        |         |                 |               |               |                                     |   |
|          | W-ICPMS      |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 2 |
|          | W-NH3        |         |                 |               |               |                                     |   |
|          | W-NO2NO3     |         |                 |               |               |                                     |   |
|          | W-S-A-TP     |         |                 |               |               |                                     |   |
|          | W-TKN        |         |                 |               |               |                                     |   |
|          | W-TOC        |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 2 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 2 |
|          | W-PO4-F      |         |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-1L    | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
|          | ALKALINITY   |         |                 |               |               |                                     |   |
|          | TURBIDITY    |         |                 |               |               |                                     |   |
|          | W-CL-IC      |         |                 |               |               |                                     |   |
|          | W-F          |         |                 |               |               |                                     |   |
|          | W-SO4-IC     |         |                 |               |               |                                     |   |
|          | W-TDS        |         |                 |               |               |                                     |   |
|          | W-TSS        |         |                 |               |               |                                     |   |
| Group: B | Bottle Type: | BP-1L   | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
|          | CHLSUITE-W   |         |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-125ML | # of Bottles: 2 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 2 |

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|        |   |              |         |               |   |               |            |                                     |          |
|--------|---|--------------|---------|---------------|---|---------------|------------|-------------------------------------|----------|
| Group: | B | Bottle Type: | P-125ML | # of Bottles: | 2 | Preservative: | FILTER-ICE | Enter Number of Bottles Sent to Lab | <u>2</u> |
|        |   | W-CL-IC-F    |         |               |   |               |            |                                     |          |
|        |   | W-PO4-F      |         |               |   |               |            |                                     |          |

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|        |   |              |         |               |   |               |               |                                     |          |
|--------|---|--------------|---------|---------------|---|---------------|---------------|-------------------------------------|----------|
| Group: | B | Bottle Type: | P-500ML | # of Bottles: | 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | <u>2</u> |
|        |   | W-NH3        |         |               |   |               |               |                                     |          |
|        |   | W-NO2NO3     |         |               |   |               |               |                                     |          |
|        |   | W-S-A-TP     |         |               |   |               |               |                                     |          |
|        |   | W-TKN        |         |               |   |               |               |                                     |          |
|        |   | W-TOC        |         |               |   |               |               |                                     |          |