



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Spring Garden Creek @ 200m upstream of Lake Woodruff

Date: 02/24/2018  
(mm/dd/yyyy)

WIN/ Field ID: G2CE0081

WBID: 2921F

Latitude: 29.11351  
(Decimal Degrees)

County: Volusia

ORG ID: 21 FL CEN

Longitude: -81.4019  
(Decimal Degrees)

Receiving Body of Water: Lake Woodruff

RQ-2018- 02-19-48

| Sampling Team Members |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| Alyse Howell          |  |  |  |  | X               |                   | X             |              |                    |
| Kelly Young           |  |  |  |  |                 | X                 |               | X            | X                  |

| Sampling Equipment                                   |                                             |                               |
|------------------------------------------------------|---------------------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn           | <input type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input checked="" type="checkbox"/> Syringe |                               |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other              |                               |
| Depth Measured with <u>SECCHI DISK LINE</u>          |                                             |                               |
| Equipment ID                                         |                                             |                               |

| 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 / Normal / High / Flooded  
Photos: Yes / No / Flow: No Flow / Intestinal / Flowing / NA  
Meter ID# YSI 1009 Matrix: Fresh Marine / DI  
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>1030</u> | <u>1.1</u>      | <u>0.5</u>       | <u>0.25</u>     | <u>3.7</u> | <u>43</u> | <u>6.79</u> | <u>0.28</u>    | <u>587</u>         | <u>22.2</u> |
| CEN        |             |                 |                  |                 |            |           |             |                |                    |             |

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 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                                                                            | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | <u>5A7341020</u> | <u>12/7/18</u> | <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                                           | <u>13615055</u>  |                |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Ice                                           |                  |                |                                        |
| Physical/Aggregate (Fresh)  | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                                            | <input checked="" type="checkbox"/> Ice                                           |                  |                |                                        |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / W-F / W-TSS / 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 checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                                                                            | <input checked="" type="checkbox"/> Ice                                           |                  |                |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD                                                                                                               | <input type="checkbox"/> Ice                                                      |                  |                |                                        |
| Tracers                     | <input type="checkbox"/> W-SUC-AA-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-AHERB-AA                                                                                                                                                                                | <input type="checkbox"/> Ice                                                      |                  |                |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-AHERB-AA <input type="checkbox"/> W-CARB-AA <input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-PYR-AA-R <input type="checkbox"/> W-GLYPH <input type="checkbox"/> W-SUC-AA-R | <input type="checkbox"/> Ice <input type="checkbox"/> Other                       |                  |                |                                        |

Notes:

WIN ID / Field ID → Spring Garden Creek @ 200m Upstream of Lake Woodruff (2921F)

Signature: K Williams Date: 2/20/19

Enter Field Parameters, Verify Station ID In LIMS DMT: Kmw 2/26/19 QC Station ID, Field Parameters In LIMS DMT: G2CE0081

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)



|          |              |                |                 |               |               |                                     |                           |
|----------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|---------------------------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |                           |
|          | ALKALINITY   |                |                 |               |               |                                     |                           |
|          | TURBIDITY    |                |                 |               |               |                                     |                           |
|          | W-CL-IC      |                |                 |               |               |                                     |                           |
|          | W-COLOR      |                |                 |               |               |                                     |                           |
|          | W-F          |                |                 |               |               |                                     |                           |
|          | W-SO4-IC     |                |                 |               |               |                                     |                           |
|          | W-TDS        |                |                 |               |               |                                     |                           |
|          | W-TSS        |                |                 |               |               |                                     |                           |
| Group: A | Bottle Type: | P-250ML-WI-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | submitted to Flowers Lab. |
|          | CD-FLR-ECQ   |                |                 |               |               |                                     |                           |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |                           |
|          | CHLSUITE-W   |                |                 |               |               |                                     |                           |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab |                           |
|          | W-NH3        |                |                 |               |               |                                     |                           |
|          | W-NO2NO3     |                |                 |               |               |                                     |                           |
|          | W-S-A-TP     |                |                 |               |               |                                     |                           |
|          | W-TKN        |                |                 |               |               |                                     |                           |
|          | W-TOC        |                |                 |               |               |                                     |                           |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab |                           |
|          | W-PO4-F      |                |                 |               |               |                                     |                           |



| Relinquished by: |  | Date    | Time | Received by: | Date | Time  | Comments                              |
|------------------|--|---------|------|--------------|------|-------|---------------------------------------|
| Jhr/Kr           |  | 2/20/18 | 1436 | MPK/FVZ      | 2/20 | 14136 | Temp Upon Receipt : 5.5 <sup>°c</sup> |
| Relinquished by: |  | Date    | Time | Received by: | Date | Time  | Sample Containers Intact?<br>N        |