



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?  
Yes / No

WIN Station Name: Three Island Lake @ Center of S. Lobe Date: 2/14/18

WIN/ Field ID: G2CE0085 WBID: 2938 Latitude: 28.93955

County: Volusia ORG ID: 21 FL CEN Longitude: -81.20976

Receiving Body of Water: \_\_\_\_\_ RQ-2018- 02-12-59

| Sampling Team Members |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| Jeff Bonner           |  |  |  |  |                 |                   |               |              |                    |
| Katie Williams        |  |  |  |  |                 |                   |               |              |                    |

| 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 checked="" type="checkbox"/> Electric Motor |                               |
| <input type="checkbox"/> Other                       | <input type="checkbox"/> Gasoline Motor            |                               |

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded Meter ID# Betty 67 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       | 1230 | 3.5             | 0.3              | 0.4             | 6.74      | 76.4      | 6.03 | 0.06           | 124                | 21.49      |
| CEN       |      |                 | 3.0              |                 | 3.52      | 35.9      | 5.68 | 0.06           | 123                | 16.36      |

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 | SA7093010 | 4/18       | <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  | NA7086060 | 3/27/18    | <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                                           | 13615055  |            |                                        |
| 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-CH-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 checked="" type="checkbox"/> W-SUC-AA-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-AHERB-AA                                                                                                                                                                                                                                                             | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Pesticides                  | <input checked="" type="checkbox"/> W-PSNP-TQ <input checked="" type="checkbox"/> W-UHERB-AA <input checked="" type="checkbox"/> W-AHERB-AA <input checked="" type="checkbox"/> W-CARB-AA <input checked="" type="checkbox"/> W-PCL-SQ-R <input checked="" type="checkbox"/> W-PYR-AA-R <input checked="" type="checkbox"/> W-GLYPH <input checked="" type="checkbox"/> W-SUC-AA-R | <input checked="" type="checkbox"/> Ice <input type="checkbox"/> Other            |           |            |                                        |

Notes: KRC + pesticides/bacteria

WIN ID / Field ID → Three Island Lake @ Center of S. Lobe (2938)

Signature: K Williams Date: 2/14/18

Enter Field Parameters, Verify Station ID In LIMS DMT: Kmw 2/26/18 QC Station ID, Field Parameters In LIMS DMT: \_\_\_\_\_

Scan/Save Field Sheets \_\_\_\_\_ Migrate Data to WIN: \_\_\_\_\_ Verify Data In WIN: \_\_\_\_\_

Contains  
1:1  
Sulfuric Acid  
SA-7093010  
EXP: 04/03/18  
Warning!  
See SDS



# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By: Kathleen WilliamsCollected By: Leif BomanSampling Agency: 215 CEN

|             |                                              |  |                                                          |         |          |      |                            |      |                 |
|-------------|----------------------------------------------|--|----------------------------------------------------------|---------|----------|------|----------------------------|------|-----------------|
| Location    | WIN ID / Field ID →                          |  | Collection (comp begin or grab)                          |         | Eastern  |      | Composite end              |      | Bottle Group(s) |
| Field ID    | Lake Marie @ Center (2951)                   |  | Date                                                     | 2/14/18 | Time     | 1045 | Diss. Oxygen               | 7.90 | D               |
| WIN/STORE   |                                              |  | Matrix (type, e.g., Salt, Fresh, etc)                    |         |          |      | Total Res. Chlorine (mg/L) |      |                 |
| Latitude    |                                              |  | Temp (C)                                                 | 22.07   | pH       | 7.57 | Sample Depth               | 0.3  | 319             |
|             |                                              |  | Salinity (ppt)                                           | 0.15    | Comments |      | Sp. Conductance (umho/cm)  |      |                 |
|             |                                              |  | <input type="checkbox"/> dd <input type="checkbox"/> dms |         |          |      |                            |      |                 |
| Location    | WIN ID / Field ID →                          |  | Collection (comp begin or grab)                          |         | Eastern  |      | Composite end              |      | Bottle Group(s) |
| Field ID    | Lake Gleason @ Center (2893G)                |  | Date                                                     | 2/14/18 | Time     | 1125 | Diss. Oxygen               | 9.10 | C               |
| WIN/STORE   |                                              |  | Matrix (type, e.g., Salt, Fresh, etc)                    |         |          |      | Total Res. Chlorine (mg/L) |      |                 |
| Latitude    |                                              |  | Temp (C)                                                 | 22.01   | pH       | 7.62 | Sample Depth               | 0.3  | 180             |
|             |                                              |  | Salinity (ppt)                                           | 0.08    | Comments |      | Sp. Conductance (umho/cm)  |      |                 |
|             |                                              |  | <input type="checkbox"/> dd <input type="checkbox"/> dms |         |          |      |                            |      |                 |
| Location    | WIN ID / Field ID →                          |  | Collection (comp begin or grab)                          |         | Eastern  |      | Composite end              |      | Bottle Group(s) |
| Field ID    | Three Island Lake @ Center of S. Lobe (2938) |  | Date                                                     | 2/14/18 | Time     | 1230 | Diss. Oxygen               | 6.74 | A/B             |
| WIN/STORE   |                                              |  | Matrix (type, e.g., Salt, Fresh, etc)                    |         |          |      | Total Res. Chlorine (mg/L) |      |                 |
| Latitude    |                                              |  | Temp (C)                                                 | 21.49   | pH       | 6.03 | Sample Depth               | 0.3  | 124             |
|             |                                              |  | Salinity (ppt)                                           | 0.06    | Comments |      | Sp. Conductance (umho/cm)  |      |                 |
|             |                                              |  | <input type="checkbox"/> dd <input type="checkbox"/> dms |         |          |      |                            |      |                 |
| Location    |                                              |  | Collection (comp begin or grab)                          |         | Eastern  |      | Composite end              |      | Bottle Group(s) |
| Field ID    |                                              |  | Date                                                     |         | Time     |      | Diss. Oxygen               |      |                 |
| WIN/STORE # |                                              |  | Matrix (type, e.g., Salt, Fresh, etc)                    |         |          |      | Total Res. Chlorine (mg/L) |      |                 |
| Latitude    |                                              |  | Temp (C)                                                 |         | pH       |      | Sample Depth               |      |                 |
|             |                                              |  | Salinity (ppt)                                           |         | Comments |      | Sp. Conductance (umho/cm)  |      |                 |
|             |                                              |  | <input type="checkbox"/> dd <input type="checkbox"/> dms |         |          |      |                            |      |                 |

Relinquished By: Kathleen WilliamsShipping Method: FedExDate/Time: 2/14/18 1600Number of Coolers Shipped: 3Received By: Tyler ReynoldsDate/Time: 02/15/18 17:00

|          |                                                                                                    |                |                 |               |                            |                                     |             |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|---------------|----------------------------|-------------------------------------|-------------|
| Group: A | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L           | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 1           |
| Group: A | Bottle Type:<br>CD-FLR-ECQ                                                                         | P-250ML-WI-THI | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 1 to Flower |
| Group: A | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 1           |
| Group: A | Bottle Type:<br>W-ICP<br>W-ICPMS                                                                   | P-500ML        | # of Bottles: 1 | Preservative: | HNO3                       | Enter Number of Bottles Sent to Lab | 1           |
| Group: A | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4              | Enter Number of Bottles Sent to Lab | 1           |
| Group: A | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE                 | Enter Number of Bottles Sent to Lab | 1           |
| Group: B | Bottle Type:<br>W-AHERB-AA<br>W-GLYPH<br>W-PYR-AA-R<br>W-SUC-AA-R<br>W-UHERB-AA                    | BG-1L          | # of Bottles: 2 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 2           |
| Group: B | Bottle Type:<br>W-CAB-AA-R                                                                         | BG-1L          | # of Bottles: 1 | Preservative: | CH2ClCOOH<br>Pre-Preserved | Enter Number of Bottles Sent to Lab | 1           |
| Group: B | Bottle Type:                                                                                       | BG-500ML       | # of Bottles: 4 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 4           |

|          |                                                                                                    |                |                 |               |               |                                     |              |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|---------------|---------------|-------------------------------------|--------------|
| Group: B | Bottle Type:<br>W-CT-CI-R<br>W-PCL-SQ-R                                                            | BG-500ML       | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 4            |
| Group: B | Bottle Type:<br>W-PSNP-TQ                                                                          | BG-1L          | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 4            |
| Group: C | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1            |
| Group: C | Bottle Type:<br>CD-FLR-ECQ                                                                         | P-250ML-WI-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 to Flowers |
| Group: C | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1            |
| Group: C | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1            |
| Group: C | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1            |
| Group: D | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC                   | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1            |

|          |                                                                 |                |                 |               |               |                                     |              |
|----------|-----------------------------------------------------------------|----------------|-----------------|---------------|---------------|-------------------------------------|--------------|
| Group: D | Bottle Type:<br>W-TDS<br>W-TSS                                  | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1            |
| Group: D | Bottle Type:<br>CD-FLR-ECQ                                      | P-250ML-WI-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 to Flowers |
| Group: D | Bottle Type:<br>CHLSUITE-W                                      | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1            |
| Group: D | Bottle Type:<br>PCR-FILTER                                      | QPCR-P-250ML   | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2            |
| Group: D | Bottle Type:<br>W-AHERB-AA<br>W-SUC-AA-R<br>W-UHERB-AA          | BG-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1            |
| Group: D | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1            |
| Group: D | Bottle Type:<br>W-PO4-F                                         | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1            |

