



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Irvin Lake Center

Date: 3-18-19

(mm/dd/yyyy)

WIN/ Field ID: G4SW0025

WBID: 1329M

Latitude: 28.52505

(Decimal Degrees)

County: Hernando

ORG ID: 21FLTPA

Longitude: -82.3611

(Decimal Degrees)

Receiving Body of Water: N/A

RQ-2019- D3-18-05

| Sampling Team Members                                                        |      |                                                                                                                                                                                                                         |                  |                                        |           | WQ Measurements                                                                   | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  | Sampling Equipment                                   |                                        |                               |  |  |
|------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------|-----------|-----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------|----------------------------------------|-------------------------------|--|--|
| <u>Justin Ashton</u><br><u>Ben Masajada</u>                                  |      |                                                                                                                                                                                                                         |                  |                                        |           | <input checked="" type="checkbox"/>                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <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         |                               |  |  |
| Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded               |      |                                                                                                                                                                                                                         |                  |                                        |           | Meter ID# <u>21250N</u>                                                           |                                     |                                     |                                     |                                     | Matrix: <u>Fresh</u> / Marine / DI                   |                                        |                               |  |  |
| Photos: Yes / <u>No</u>                                                      |      | Flow: No Flow / Interstitial / Flowing <u>NA</u>                                                                                                                                                                        |                  | Tide: Rising/ Falling/ Slack <u>NA</u> |           | 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                                                                          | 1425 | 1.6                                                                                                                                                                                                                     | 0.3              | 0.5                                    | 11.22     | 129.9                                                                             | 6.90                                | 0.06                                | 139                                 | 22.75                               |                                                      |                                        |                               |  |  |
|                                                                              |      |                                                                                                                                                                                                                         | 1.1              |                                        | 10.30     | 117.2                                                                             | 6.79                                | 0.07                                | 142                                 | 22.30                               |                                                      |                                        |                               |  |  |
| 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 |                                     | SA8274050                           |                                     | 10/01/19                            |                                                      | <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-P <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                           |                  |                                        |           | <input checked="" type="checkbox"/> Ice                                           |                                     |                                     |                                     |                                     |                                                      |                                        |                               |  |  |
| Chlorophyll                                                                  |      | <input checked="" type="checkbox"/> CHL SUITE-W                                                                                                                                                                         |                  |                                        |           | <input checked="" type="checkbox"/> Ice                                           |                                     |                                     |                                     |                                     |                                                      |                                        |                               |  |  |
| Physical/Aggregate (Fresh)                                                   |      | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                         |                  |                                        |           | <input checked="" type="checkbox"/> Ice                                           |                                     |                                     |                                     |                                     |                                                      |                                        |                               |  |  |
| Physical/Aggregate (Marine)                                                  |      | <input type="checkbox"/> Alkalinity / W-BR-IC / 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 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"/> W-E8321-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: <u>A-Kit</u>                                                          |      |                                                                                                                                                                                                                         |                  |                                        |           |                                                                                   |                                     |                                     |                                     |                                     |                                                      |                                        |                               |  |  |
| Field ID/WIN <u>G4SW0025</u>                                                 |      |                                                                                                                                                                                                                         |                  |                                        |           | Site Name: <u>Irvin Lake</u>                                                      |                                     |                                     |                                     |                                     |                                                      |                                        |                               |  |  |
| Signature: <u>[Signature]</u>                                                |      |                                                                                                                                                                                                                         |                  |                                        |           | Date: <u>3-18-19</u>                                                              |                                     |                                     |                                     |                                     |                                                      |                                        |                               |  |  |



LIMS EVENT ID: 2019-03-19-01

WIN Import ID: 12253

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 03/26/2019

QC Station ID, Field Parameters In LIMS DMT: SM 05/16/2019

Scan/Save Field Sheets SM 07/22/2019

Migrate Data to WIN: SM 05/16/2019

Verify Data In WIN: SM 05/29/2019

(Initials/Date)

(Initials/Date)

(Initials/Date)

SMP - Hernado/Citrus Run

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By: Ben Paswater

Project ID: SMP

Collected By: Ben Paswater, Judy Ashton

Sampling Agency: FDEP SWROC

|              |                              |                                                                            |                                                           |                    |                                                                            |                                |
|--------------|------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------|--------------------|----------------------------------------------------------------------------|--------------------------------|
| Location     |                              | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab  | Collection (comp begin or grab)<br>Date 3/18/19 Time 1425 | Eastern<br>Central | Composite end<br>Date Time                                                 | Bottle Group(s)<br>(See pg 2)  |
| Field ID/WIN | G4SW0025                     | Matrix (type, e.g., Salt, Fresh, etc)                                      |                                                           | Diss. Oxygen       | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)  |
| WIN          |                              | Temp (C) 22.75                                                             | pH 6.90                                                   | Sample Depth 0.3   | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm) 139  |
| Site Name:   | Irvin Lake Center            | <input type="checkbox"/> dd Salinity (ppt)<br><input type="checkbox"/> dms |                                                           | Comments           |                                                                            |                                |
| Latit        | <input type="checkbox"/> dms |                                                                            |                                                           |                    |                                                                            |                                |
| Location     |                              | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab  | Collection (comp begin or grab)<br>Date 3/18/19 Time 1230 | Eastern<br>Central | Composite end<br>Date Time                                                 | Bottle Group(s)                |
| Field ID/WIN | G4SW0102                     | Matrix (type, e.g., Salt, Fresh, etc)                                      |                                                           | Diss. Oxygen       | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)  |
| WIN          |                              | Temp (C) 19.68                                                             | pH 6.47                                                   | Sample Depth 0.3   | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm) 371  |
| Site Name:   | Cato Lake South              | <input type="checkbox"/> dd Salinity (ppt)<br><input type="checkbox"/> dms |                                                           | Comments           |                                                                            |                                |
| Latit        | <input type="checkbox"/> dms |                                                                            |                                                           |                    |                                                                            |                                |
| Location     |                              | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab  | Collection (comp begin or grab)<br>Date 3-18-19 Time 1315 | Eastern<br>Central | Composite end<br>Date Time                                                 | Bottle Group(s)                |
| Field ID/WIN | G4SW0021                     | Matrix (type, e.g., Salt, Fresh, etc)                                      |                                                           | Diss. Oxygen       | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)  |
| WIN          |                              | Temp (C) 21.50                                                             | pH 6.93                                                   | Sample Depth 0.3   | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm) 27.0 |
| Site Name:   | Mckethan Lake @ Center       | <input type="checkbox"/> dd Salinity (ppt)<br><input type="checkbox"/> dms |                                                           | Comments           |                                                                            |                                |
| Latit        | <input type="checkbox"/> dms |                                                                            |                                                           |                    |                                                                            |                                |
| Location     |                              | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab  | Collection (comp begin or grab)<br>Date 3/18/19 Time 1115 | Eastern<br>Central | Composite end<br>Date Time                                                 | Bottle Group(s)                |
| Field ID/WIN | G4SW0100                     | Matrix (type, e.g., Salt, Fresh, etc)                                      |                                                           | Diss. Oxygen       | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)  |
| WIN          |                              | Temp (C) 22.15                                                             | pH 6.26                                                   | Sample Depth 0.3   | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm) 361  |
| Site Name:   | Blue Springs Run             | <input type="checkbox"/> dd Salinity (ppt)<br><input type="checkbox"/> dms |                                                           | Comments           |                                                                            |                                |
| Latit        | <input type="checkbox"/> dms |                                                                            |                                                           |                    |                                                                            |                                |

|                               |                    |                        |                              |              |            |
|-------------------------------|--------------------|------------------------|------------------------------|--------------|------------|
| Relinquished By: Ben Paswater | Date/Time: 3/18/19 | Shipping Method: FedEx | Number of Coolers Shipped: 1 | Received By: | Date/Time: |
|-------------------------------|--------------------|------------------------|------------------------------|--------------|------------|

|      |                |             |      |
|------|----------------|-------------|------|
| Ref: | Date: 25Feb19  | SHIPPING:   | 0.00 |
| Dep: | Wgt: 15.00 LBS | SPECIAL:    | 0.00 |
|      |                | HANDLING:   | 0.00 |
|      | DV:            | 0.00 TOTAL: | 0.00 |

|          |              |                |                 |               |               |                                     |          |
|----------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|----------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 4        |
|          | ALKALINITY   |                |                 |               |               |                                     |          |
|          | TURBIDITY    |                |                 |               |               |                                     |          |
|          | W-CL-IC      |                |                 |               |               |                                     |          |
|          | W-COLOR      |                |                 |               |               |                                     |          |
|          | W-F          |                |                 |               |               |                                     |          |
|          | W-SO4-IC     |                |                 |               |               |                                     |          |
|          | W-TDS        |                |                 |               |               |                                     |          |
|          | W-TSS        |                |                 |               |               |                                     |          |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 4        |
|          | CHLSUITE-W   |                |                 |               |               |                                     |          |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 4 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 4        |
|          | W-NH3        |                |                 |               |               |                                     |          |
|          | W-NO2NO3     |                |                 |               |               |                                     |          |
|          | W-S-A-TP     |                |                 |               |               |                                     |          |
|          | W-TKN        |                |                 |               |               |                                     |          |
|          | W-TOC        |                |                 |               |               |                                     |          |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 4 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 4        |
|          | W-PO4-F      |                |                 |               |               |                                     |          |
| Group: B | Bottle Type: | P-250ML-WI-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 to AEL |
|          | SWD-AEL-EC   |                |                 |               |               |                                     |          |



|                                     |                                                                                                                        |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/>            | <b><u>Gainesville:</u></b> 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639                |
| <input type="checkbox"/>            | <b><u>Jacksonville:</u></b> 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354           |
| <input type="checkbox"/>            | <b><u>Tallahassee:</u></b> 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275 |
| <input checked="" type="checkbox"/> | <b><u>Tampa:</u></b> 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9816 • Fax 813.630.4327                       |

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