



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Lake Blue Cove @ 150m SW of Center

Date: 02/13/2018  
(mm/dd/yyyy)

WIN/ Field ID: G4CE0022

WBID: 1329V

Latitude: 29.0513

(Decimal Degrees)

County: Marion

ORG ID: 21 FL CEN

Longitude: -82.4552

(Decimal Degrees)

Receiving Body of Water: \_\_\_\_\_

RQ-2018- 02-12-57

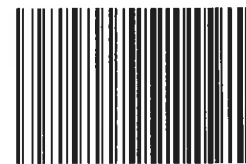
| Sampling Team Members                                                                        |                                                                                                                                                                                                                                                                                            |                 |                  | WQ Measurements                                  | Sample Collection | Documentation                                                                     | Preservation     | Preservation Check                      | Sampling Equipment                                   |                                                 |                               |  |
|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|--------------------------------------------------|-------------------|-----------------------------------------------------------------------------------|------------------|-----------------------------------------|------------------------------------------------------|-------------------------------------------------|-------------------------------|--|
| Mike Linger                                                                                  |                                                                                                                                                                                                                                                                                            |                 |                  | /                                                | /                 |                                                                                   |                  |                                         | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn               | <input type="checkbox"/> Pole |  |
| Mike Deenan                                                                                  |                                                                                                                                                                                                                                                                                            |                 |                  | /                                                | /                 |                                                                                   |                  |                                         | <input type="checkbox"/> Carboy                      | <input checked="" type="checkbox"/> Syringe     |                               |  |
|                                                                                              |                                                                                                                                                                                                                                                                                            |                 |                  |                                                  |                   |                                                                                   |                  |                                         | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other                  |                               |  |
|                                                                                              |                                                                                                                                                                                                                                                                                            |                 |                  |                                                  |                   |                                                                                   |                  |                                         | Depth Measured with <u>SEECHE DISK LINE</u>          |                                                 |                               |  |
|                                                                                              |                                                                                                                                                                                                                                                                                            |                 |                  |                                                  |                   |                                                                                   |                  |                                         | Equipment ID _____                                   |                                                 |                               |  |
|                                                                                              |                                                                                                                                                                                                                                                                                            |                 |                  |                                                  |                   |                                                                                   |                  |                                         | Collection Method                                    |                                                 |                               |  |
|                                                                                              |                                                                                                                                                                                                                                                                                            |                 |                  |                                                  |                   |                                                                                   |                  |                                         | <input type="checkbox"/> Wading                      | <input checked="" type="checkbox"/> Canoe/Kayak |                               |  |
|                                                                                              |                                                                                                                                                                                                                                                                                            |                 |                  |                                                  |                   |                                                                                   |                  |                                         | <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor         |                               |  |
|                                                                                              |                                                                                                                                                                                                                                                                                            |                 |                  |                                                  |                   |                                                                                   |                  |                                         | <input type="checkbox"/> Other                       | <input type="checkbox"/> Gasoline Motor         |                               |  |
| Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded                               |                                                                                                                                                                                                                                                                                            |                 |                  | Meter ID# <u>Boop / NO 7</u>                     |                   |                                                                                   |                  | Matrix: <u>Fresh</u> / Marine / DI      |                                                      |                                                 |                               |  |
| Photos: Yes / <u>No</u>                                                                      |                                                                                                                                                                                                                                                                                            |                 |                  | Flow: No Flow / Intestinal / 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 (umhos/cm)                                   | Temp. (C°)                                      |                               |  |
| <u>EST</u>                                                                                   | <u>1025</u>                                                                                                                                                                                                                                                                                | <u>9.2</u>      | <u>0.3</u>       | <u>1.3</u>                                       | <u>13.72</u>      | <u>158.1</u>                                                                      | <u>9.89</u>      | <u>0.04</u>                             | <u>95</u>                                            | <u>22.45</u>                                    |                               |  |
| <u>CEN</u>                                                                                   |                                                                                                                                                                                                                                                                                            |                 | <u>8.7</u>       |                                                  | <u>0.50</u>       | <u>4.6</u>                                                                        | <u>6.73</u>      | <u>0.05</u>                             | <u>101</u>                                           | <u>13.91</u>                                    |                               |  |
| 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 | <u>SA7275070</u> | <u>10/2/18</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                        | <u>SA7341020</u> | <u>12/7/18</u>                          | <input type="checkbox"/> <2                          |                                                 |                               |  |
| Filtered Nutrients                                                                           | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 um Filter                                                                                                                                                                              |                 |                  |                                                  |                   | <input checked="" type="checkbox"/> Ice                                           | <u>9743729</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-JC / 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:

29.05151  
- 82.45595

WIN ID / Field ID →

Lake Blue Cove @  
150m SW of  
Center (1329V)



G4CE0022

Signature: [Signature]

Date: 2/13/18

Enter Field Parameters, Verify Station ID In LIMS DMT: KMW 2/24/18

QC Station ID, Field Parameters In LIMS DMT: \_\_\_\_\_

Scan/Save Field Sheets

Migrate Data to WIN: \_\_\_\_\_

Verify Data In WIN: \_\_\_\_\_

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

Lou / Weir / Blue Cove

last revised Jan 25, 2018

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: Mike Linger

Project ID: SMP

Collected By: Mike Linger / Lawrence Danner

Sampling Agency: FDEP

CE-ROC

| Location                                   | WIN ID / Field ID → | Latitude | Longitude | Comp                                     | Collection (comp begin or grab) | Collection Date | Time | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen | Total Res. Chlorine | Sp. Conductance | Bottle Group(s) |
|--------------------------------------------|---------------------|----------|-----------|------------------------------------------|---------------------------------|-----------------|------|---------------------------------------|--------------|---------------------|-----------------|-----------------|
| Lake Blue Cove @ 150m SW of Center (1329V) |                     |          |           | <input checked="" type="checkbox"/> Grab |                                 | 2/13/18         | 1025 |                                       | 13.72        |                     |                 | A               |
|                                            |                     |          |           | <input type="checkbox"/> Temp (C)        |                                 | 22.45           | 9.89 |                                       |              |                     |                 |                 |
|                                            |                     |          |           | <input type="checkbox"/> Salinity (ppt)  |                                 |                 |      |                                       |              |                     |                 |                 |
| Lake Lou - Center of Lake (2775D)          |                     |          |           | <input checked="" type="checkbox"/> Grab |                                 | 2/13/18         | 1203 |                                       | 8.57         |                     |                 | A               |
|                                            |                     |          |           | <input type="checkbox"/> Temp (C)        |                                 | 22.32           | 5.71 |                                       |              |                     |                 |                 |
|                                            |                     |          |           | <input type="checkbox"/> Salinity (ppt)  |                                 |                 |      |                                       |              |                     |                 |                 |
| Little Lake Weir @ Center (2790B)          |                     |          |           | <input checked="" type="checkbox"/> Grab |                                 | 2/13/18         | 1315 |                                       | 10.93        |                     |                 | A               |
|                                            |                     |          |           | <input type="checkbox"/> Temp (C)        |                                 | 22.70           | 8.66 |                                       |              |                     |                 |                 |
|                                            |                     |          |           | <input type="checkbox"/> Salinity (ppt)  |                                 |                 |      |                                       |              |                     |                 |                 |

CD-FLR-ECQ sent to contract lab

CD-FLR-ECQ sent to contract lab

CD-FLR-ECQ sent to contract lab

| Relinquished By: | Date/Time    | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time     |
|------------------|--------------|-----------------|----------------------------|--------------|---------------|
| ML               | 2/13/18 1630 | FedEx           | 1                          | SP           | 2-14-18/10:25 |

|          |              |                |                 |               |               |                                     |                        |
|----------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|------------------------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3                      |
|          | 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: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3 sent to contract lab |
|          | CD-FLR-ECQ   |                |                 |               |               |                                     |                        |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 3                      |
|          | CHLSUITE-W   |                |                 |               |               |                                     |                        |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 3 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 3                      |
|          | W-NH3        |                |                 |               |               |                                     |                        |
|          | W-NO2NO3     |                |                 |               |               |                                     |                        |
|          | W-S-A-TP     |                |                 |               |               |                                     |                        |
|          | W-TKN        |                |                 |               |               |                                     |                        |
|          | W-TOC        |                |                 |               |               |                                     |                        |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 3 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 3                      |
|          | W-PO4-F      |                |                 |               |               |                                     |                        |



# CONTRACT LAB - CHAIN OF CUSTODY

Client Name:  
Address:  
Project Manager:  
E-Mail:  
Telephone Number:

Department of Environmental Protection  
3319 Maguire Blvd Suite 232, Orlando, FL 32803  
Natalie Ayala / Michael Linger / Kalina Warren  
Michael.Linger@dep.state.fl.us  
(407) 897-4100

Project Name: SMP

Project Number: RQ-2018-02-12-57

Site Location: Blue Cove/Low/Little Lk Weir

Contract/PO # Flowers Lab - B16975

Sampler Names: Mike Linger / Mike Danner

Signature: [Signature]

| FIELD ID  | Lab No. (Lab Use Only) | Date    | Time Sampled | No. of Containers | Grab | Composite | Preservative |     |      |      | Matrix      |            |                |               | Analyze For:           |                   |                     |
|-----------|------------------------|---------|--------------|-------------------|------|-----------|--------------|-----|------|------|-------------|------------|----------------|---------------|------------------------|-------------------|---------------------|
|           |                        |         |              |                   |      |           | ICE          | HCL | HNO3 | NONE | Groundwater | Wastewater | Drinking Water | Surface Water | Escherichia Coli (ECQ) | Enterococci (ENQ) | Fecal Coliform (FC) |
| G14CE0022 |                        | 2/13/18 | 1025         | 1                 | X    |           | X            |     |      |      |             |            |                | X             | X                      |                   |                     |
| G12CE0040 |                        | 2/13/18 | 1203         | 1                 | X    |           | X            |     |      |      |             |            |                | X             | X                      |                   |                     |
| G11CE0014 |                        | 2/13/18 | 1315         | 1                 | X    |           | X            |     |      |      |             |            |                | X             | X                      |                   |                     |
|           |                        |         |              |                   |      |           |              |     |      |      |             |            |                |               |                        |                   |                     |
|           |                        |         |              |                   |      |           |              |     |      |      |             |            |                |               |                        |                   |                     |
|           |                        |         |              |                   |      |           |              |     |      |      |             |            |                |               |                        |                   |                     |
|           |                        |         |              |                   |      |           |              |     |      |      |             |            |                |               |                        |                   |                     |
|           |                        |         |              |                   |      |           |              |     |      |      |             |            |                |               |                        |                   |                     |
|           |                        |         |              |                   |      |           |              |     |      |      |             |            |                |               |                        |                   |                     |
|           |                        |         |              |                   |      |           |              |     |      |      |             |            |                |               |                        |                   |                     |
|           |                        |         |              |                   |      |           |              |     |      |      |             |            |                |               |                        |                   |                     |

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

|                              |               |            |                          |            |            |                                  |
|------------------------------|---------------|------------|--------------------------|------------|------------|----------------------------------|
| Relinquished by: [Signature] | Date: 2/13/18 | Time: 1519 | Received by: [Signature] | Date: 2/13 | Time: 1519 | Comments: Temp Upon Receipt: 0°C |
| Relinquished by:             | Date:         | Time:      | Received by:             | Date:      | Time:      | Sample Containers Intact? (Y) N  |