



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV

Yes / No

WIN Station Name: Hourglass Lake @ Center

Date: 03/04/2020

(mm/dd/yyyy)

WIN/ Field ID: G4CE0178

WBID: 3168X2

Latitude: 28.522527

(Decimal Degrees)

County: Orange

ORG ID: 21 FL CEN

Longitude: -81.356792

(Decimal Degrees)

Receiving Body of Water:

RQ-2020- 03-09-35

| Sampling Team Members | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|-----------------|-------------------|---------------|--------------|--------------------|
|                       |                 |                   |               |              |                    |
| Elizabeth Bates       |                 |                   |               |              |                    |
| Leif Boman            |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                                 |
|------------------------------------------------------|-------------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn               |
| <input checked="" type="checkbox"/> Syringe          | <input type="checkbox"/> Pole                   |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other                  |
| Depth Measured with <u>Suckin - Knothead</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>CRAW DADDY</u>             |                      |
| Photos: <u>Yes</u> / No                                                      | Flow: No Flow / Flowing / <u>NA</u> | Tide: Rising/ Falling/ Slack/ <u>NA</u> | Tide Times: High Low |
| 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#:                                  |                      |
| Notes:                                                                       |                                     |                                         |                      |

## Duplicate Sample

Time Zone: EST CEN Time: Field ID: (WIN ID\_DUP)

WIN DMT Activity ID:

## Blank

Time Zone: EST CEN Time: Field ID: (Blank Type\_DDMMYYYY)  
DI Source: Location:  
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank  
Equipment ID:

LIMS EVENT ID: CEN-DIST-2020-03-05-01 WIN Import ID: 19473

Enter Field Parameters, Verify Station ID in LIMS DMT: Kwm 3/24/20 QC Station ID, Field Parameters in LIMS DMT: TR 4/14/20  
(Initials/Date) (Initials/Date)

Scan/Save Field Sheets TR 4/15/20 Migrate Data to WIN: KWM 4/28/20 Verify Data in WIN:  
(Initials/Date) (Initials/Date) (Initials/Date)



RQ-2020- 03-09-35

Customer: CEN-DIST

Project ID: SMP

Collected By: Elizabeth Bates / Leif Boman

Field Report Prepared By: Leif Boman

Sampling Agency: FDEP CEROC

| WIN ID / Field ID →<br><br>Hourglass Lake @<br>Center |                    |                                                                                                                                                                                                                                                          |           |            |      |                                                                                                                           | <br>G4CE0178                                                                            |                           | Comments:             |                |  |
|-------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------|-----------------------|----------------|--|
| Matrix: <u>Fresh</u> / Marine                         |                    |                                                                                                                                                                                                                                                          |           |            |      |                                                                                                                           | (Check one) <input checked="" type="checkbox"/> GRAB <input type="checkbox"/> COMPOSITE |                           |                       |                |  |
| Date                                                  | Time               | DO (mg/L)                                                                                                                                                                                                                                                | DO (%SAT) | Temp. (C°) | pH   | Sample Depth (m)                                                                                                          | Secchi Disk (m)                                                                         | Total Depth (m)           | Sp COND (µmhos/cm)    | Salinity (PPT) |  |
| 03/04/20                                              | 11:25<br>EST / CST | 9.16                                                                                                                                                                                                                                                     | 103.4     | 21.3       | 7.33 | 3.05                                                                                                                      | .8<br><input type="checkbox"/> VOB (S)                                                  | 3.3<br>249.7<br><u>LB</u> | 249.7                 | 0.12           |  |
| ↑ Cental Lab please use top row for login purposes ↑  |                    |                                                                                                                                                                                                                                                          |           |            |      |                                                                                                                           |                                                                                         |                           |                       |                |  |
|                                                       | EST / CST          | 6.30                                                                                                                                                                                                                                                     | 67.6      | 18.9       | 6.93 | 2.809                                                                                                                     |                                                                                         |                           | 248.2                 | 0.12           |  |
| Parameter Suite                                       |                    | Parameter Methods                                                                                                                                                                                                                                        |           |            |      | Preservation                                                                                                              |                                                                                         | pH Check                  | # Bottles sent to Lab | Bottle Group   |  |
| Preserved Nutrients (P-500ML)                         |                    | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # <u>SA9301030</u> Exp: <u>10/28/2020</u>                                                                                                                         |           |            |      | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4* <input checked="" type="checkbox"/> <2 |                                                                                         |                           |                       |                |  |
| Metals (P-500ML)                                      |                    | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD<br>Lot # Exp:                                                                                                                                            |           |            |      | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3* <input type="checkbox"/> <2                                   |                                                                                         |                           |                       |                |  |
| Filtered Nutrients (P125ML)                           |                    | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # <u>16930280</u><br>Syringe Lot # <u>9149785</u>                                                                            |           |            |      | <input checked="" type="checkbox"/> Ice                                                                                   |                                                                                         |                           |                       |                |  |
| Chlorophyll (BP-1L)                                   |                    | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                           |           |            |      | <input checked="" type="checkbox"/> Ice                                                                                   |                                                                                         |                           |                       |                |  |
| Physical/Aggregate (Fresh) (P-1L)                     |                    | <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) (P-1L)                    |                    | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                  |           |            |      | <input type="checkbox"/> Ice                                                                                              |                                                                                         |                           |                       |                |  |
| Macroinvertebrates (PJ-2L)                            |                    | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                      |           |            |      | <input type="checkbox"/> Formalin                                                                                         |                                                                                         |                           |                       |                |  |
| Periphyton (PT-50ML)                                  |                    | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                        |           |            |      | <input type="checkbox"/> Ice                                                                                              |                                                                                         |                           |                       |                |  |
| Microbiology (Contract Lab Bottle)                    |                    | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab                                                                                                            |           |            |      | <input type="checkbox"/> Ice                                                                                              |                                                                                         |                           |                       |                |  |
| Molecular (QPCR-P-500ML)                              |                    | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/> See Notes                                          |           |            |      | <input type="checkbox"/> Ice                                                                                              |                                                                                         |                           |                       |                |  |
| Tracers (BG-500ML)                                    |                    | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                  |           |            |      | <input type="checkbox"/> Ice                                                                                              |                                                                                         |                           |                       |                |  |
| Pesticides (BG-500ML) (BG-1L)                         |                    | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CAR3-AA (5 ml of MCAA** Buffer Solution) |           |            |      | <input type="checkbox"/> Ice                                                                                              |                                                                                         |                           |                       |                |  |
| Name: <u>Leif Boman</u>                               |                    | Signature: <u>Leif Boman</u>                                                                                                                                                                                                                             |           |            |      |                                                                                                                           |                                                                                         | Date: <u>03/04/2020</u>   |                       |                |  |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution