



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION ING PROGRAM FIELD SHEET

Field ID  
Win ID:



20020053

January 2018

Data Qualified?

Yes / No

Date: 3/28/2018  
(mm/dd/yyyy)

COWPEN LAKE CENTER

WBID: 2723A Latitude: 29.60156

County: Putnam

ORG ID: 21FLA

Longitude: -82.0037

Receiving Body of Water: Cowpen Outlet

RQ-2018-03-12-18

| Sampling Team Members |  |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| BDavis                |  |  |  |  |  | X               |                   |               |              |                    |
| AKalmbacher           |  |  |  |  |  |                 | X                 | X             |              |                    |

| Sampling Equipment                                   |                                   |                               |  |
|------------------------------------------------------|-----------------------------------|-------------------------------|--|
| <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    |                               |  |
| Depth Measured with: Meter                           |                                   |                               |  |
| Equipment ID: Octo Kit 3                             |                                   |                               |  |

| 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 / Normal / High / Flooded |      |                                             |                  |                                     |           | Meter ID# 4513         |      | Matrix: Fresh / Marine / DI |                    |            |
|-----------------------------------------------------------|------|---------------------------------------------|------------------|-------------------------------------|-----------|------------------------|------|-----------------------------|--------------------|------------|
| Photos: Yes / No                                          |      | Flow: No Flow / Interstitial / 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                                                       | 1145 | 2.5                                         | 0.3              | 2.5                                 | 8.85      | 97.1                   | 6.40 | 0.02                        | 48                 | 19.84      |
| CEN                                                       | 1150 |                                             | 1.3              | 9                                   | 8.84      | 96.9                   | 6.33 | 0.02                        | 48                 | 19.7       |

| 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 / <input type="checkbox"/> W-NO2NO3 / <input type="checkbox"/> W-TKN / <input type="checkbox"/> W-TOC / <input type="checkbox"/> W-S-A-TP                                                                                                            |          |  |        |  | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | SA7233630 | 8/2018         | <input checked="" type="checkbox"/> <2 |        |  |
| Metals                                                                  | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                                                                                                |          |  |        |  | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |           |                | <input type="checkbox"/> <2            |        |  |
| Filtered Nutrients                                                      | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                                  |          |  |        |  | <input checked="" type="checkbox"/> Ice                                           | R7KA12512 |                |                                        |        |  |
| Chlorophyll                                                             | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                 |          |  |        |  | <input checked="" type="checkbox"/> Ice                                           |           |                |                                        |        |  |
| Physical/Aggregate (Fresh)                                              | <input checked="" type="checkbox"/> Alkalinity / <input type="checkbox"/> W-F / <input type="checkbox"/> W-TSS / <input type="checkbox"/> TURBIDITY / <input type="checkbox"/> W-CH-IC / <input type="checkbox"/> W-COLOR / <input type="checkbox"/> W-SO4-IC / <input type="checkbox"/> W-TDS |          |  |        |  | <input checked="" type="checkbox"/> Ice                                           |           |                |                                        |        |  |
| Physical/Aggregate (Marine)                                             | <input type="checkbox"/> Alkalinity / <input type="checkbox"/> W-F / <input type="checkbox"/> W-TSS / <input type="checkbox"/> 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"/> Ice                                                      |           |                |                                        |        |  |
|                                                                         | <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"/> Other                                                    |           |                |                                        |        |  |

Contains 1:1 Sulfuric Acid  
Lot No.: SA7233030  
Expires: 08/21/18  
See Safety Data Sheet (SDS)

Contains 1:1 Sulfuric Acid  
Lot No.: SA7233030  
Expires: 08/21/18  
See Safety Data Sheet (SDS)

Place Preservation  
(If Av)

Notes:

Place Label Here

Signature:

Date:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:



Request Number: RQ-2018-03-12-18  
Interlachen 2

Florida Department of Environmental Protection  
Central Laboratory Submittal Form

Customer: NE-DIST  
Project ID: SMP

Requester: Jeremy M. Parrish  
Collected By: A. Kelmbacher

Field Report Prepared By: A. Kelmbacher  
Sampling Agency: FDEP/NE ROC

Field ID:   
Win ID: 20020053

COMPEN LAKE CENTER

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms

☐ dd ☐ dms

☐ Comp ☐ Grab Collection Date 3-28-2018 Time 1145

Matrix (type, e.g., Salt, Fresh, etc)

Temp (C) pH Sample Depth

Salinity (ppt) Comments

Eastern ☒ Central ☐ Composite end Date Time

Bottle Group(s)

Field ID:   
Win ID: 20020100

LAKE FANNY CENTER

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms

☐ dd ☐ dms

☐ Comp ☐ Grab Collection Date 3-28-2018 Time 1245

Matrix (type, e.g., Salt, Fresh, etc)

Temp (C) pH Sample Depth

Salinity (ppt) Comments

Eastern ☒ Central ☐ Composite end Date Time

Bottle Group(s)

Field ID:   
Win ID: G1NE0863

Gillis Pond Center

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms

☐ dd ☐ dms

☐ Comp ☐ Grab Collection Date 3-28-2018 Time 1050

Matrix (type, e.g., Salt, Fresh, etc)

Temp (C) pH Sample Depth

Salinity (ppt) Comments

Eastern ☒ Central ☐ Composite end Date Time

Bottle Group(s)

Field ID:   
Win ID: G1NE0861

South Bull Pond Center

Latitude ☐ dd ☐ dms Longitude ☐ dd ☐ dms

☐ dd ☐ dms

☐ Comp ☐ Grab Collection Date 3-28-2018 Time 1050

Matrix (type, e.g., Salt, Fresh, etc)

Temp (C) pH Sample Depth

Salinity (ppt) Comments

Eastern ☒ Central ☐ Composite end Date Time

Bottle Group(s)

|                                       |                      |                               |                              |              |            |
|---------------------------------------|----------------------|-------------------------------|------------------------------|--------------|------------|
| Relinquished By: <u>A. Kelmbacher</u> | Date/Time: 3-28-2018 | Shipping Method: <u>FedEx</u> | Number of Coolers Shipped: 2 | Received By: | Date/Time: |
|---------------------------------------|----------------------|-------------------------------|------------------------------|--------------|------------|

1600

|          |                                                                                                    |                |                 |               |               |                                     |   |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|---------------|---------------|-------------------------------------|---|
| 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: 5 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 5 |
| Group: A | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 5 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 5 |
| Group: A | Bottle Type:<br>NE-ALS-ECQ                                                                         | P-250ML-WI-THI | # of Bottles: 5 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 5 |
| 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: 5 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 5 |
| Group: A | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 5 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 5 |



**Florida Department of Environmental Protection  
Central Laboratory Submittal Form**

**Customer: NE-DIST**

**Project ID: SMP**

Requester: Jeremy M. Parrish

Field Report Prepared By:

Collected By:

Sampling Agency:

Field ID:  
Win ID:



G1NE0870

Galilee Lake Center

[illegible]

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

|          |                                                                                                    |                |                 |               |               |                                     |                       |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|---------------|---------------|-------------------------------------|-----------------------|
| 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: 5 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 5                     |
| Group: A | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 5 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 5                     |
| Group: A | Bottle Type:<br>NE-ALS-ECQ                                                                         | P-250ML-WI-THI | # of Bottles: 5 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 5<br>Sent to Contract |
| 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: 5 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 5<br>Lab              |
| Group: A | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 5 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 5                     |



## CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

[illegible]