



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
RING PROGRAM FIELD SHEET

PAGE 1 OF 1

field ID



G1NE0864 03212017

January 2017

Data Qualified?  
Yes / No

Penner Pond  
center

storet ID



G1NE0864

NBID: 2740E

Latitude: 29.4927

Date: 3-21-2017

(mm/dd/yyyy)

County: Putnam RQ - 2017-03-20-09

ORG ID: 21 FLA

Longitude: 81.8285

(Decimal Degrees)

Receiving Body of Water: Oklawaha River Field ID:

(Decimal Degrees)

| Sampling Team Members |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| J. Parrish            |  |  |  |                 |                   |               |              |                    |
| A. Kalmbacher         |  |  |  |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                                                            |
|------------------------------------------------------|----------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn <input checked="" type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe                                           |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other                                             |
| Equipment ID Ortho Kit #3                            |                                                                            |
| Collection Method                                    |                                                                            |
| <input type="checkbox"/> Wading                      | <input type="checkbox"/> Via Boat                                          |
| <input type="checkbox"/> From Shore                  | <input checked="" type="checkbox"/> Canoe/Kayak                            |
| <input type="checkbox"/> Other (note below)          | <input type="checkbox"/> Electric Motor                                    |
|                                                      | <input type="checkbox"/> Gasoline Motor                                    |

|               |                                                                             |                                                |                                                    |
|---------------|-----------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|
| Water Level:  | Dry / Pooled / Low <input checked="" type="radio"/> Normal / High / Flooded | Matrix:                                        | Fresh <input checked="" type="radio"/> Marine / DI |
| Meter ID#     | YSI #4                                                                      | Photos:                                        | Yes / No <input checked="" type="radio"/>          |
| Tide Falling: |                                                                             | Yes / No / NA <input checked="" type="radio"/> |                                                    |

| Time Zone | Time | Sample Depth (m) | Total Depth (m) | DO (mg/L) | DO (%SAT) | pH   | Salinity (ppt) | Secchi Disk (m) | Sp COND (µmhos/cm) | Temp. (C°) |
|-----------|------|------------------|-----------------|-----------|-----------|------|----------------|-----------------|--------------------|------------|
| EST       | 1300 | 0.3              | 0.72            | 6.07      | 65        | 4.94 | 0.01           | 0.725           | 31                 | 18.3       |
| CEN       |      |                  |                 |           |           |      |                |                 |                    |            |

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other

SBIO ID Numbers: SBIO-ID: RPS-ID: Macrophyte-ID: LIMS#:

| Parameter Suite             | Parameter Methods                                                                                                                                                                                                                                                                                                                                                           | Preservation                                                                      | Acid Lot# | Expiration | pH Check                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|------------|----------------------------------------|
| Preserved Nutrients         | <input checked="" type="checkbox"/> W-NH3 / <input checked="" type="checkbox"/> W-NO2NO3 / <input checked="" type="checkbox"/> W-TKN / <input checked="" type="checkbox"/> W-TOC / <input checked="" type="checkbox"/> W-S-A-TP                                                                                                                                             | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 |           |            | <input checked="" type="checkbox"/> <2 |
| Metals                      | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP                                                                                                                                                                                                                                                                                       | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3  | 6291010   | 10/17/17   | <input checked="" type="checkbox"/> <2 |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> Ice                                           |           |            |                                        |
| Physical/Aggregate (Fresh)  | <input checked="" type="checkbox"/> Alkalinity / <input checked="" type="checkbox"/> W-F / <input checked="" type="checkbox"/> W-TSS / <input checked="" type="checkbox"/> TURBIDITY / <input checked="" type="checkbox"/> W-CL-IC / <input checked="" type="checkbox"/> W-COLOR / <input checked="" type="checkbox"/> W-SO4-IC / <input checked="" 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 type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococcus <input type="checkbox"/> PCR-FILTER                                                                                                                                                                                                                                   | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Tracers                     | <input type="checkbox"/> W-LCMS-DIJ <input type="checkbox"/> W-UHERB-AA                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/> Ice                                                      |           |            |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-AHERB-AA <input type="checkbox"/> W-PYR-AA-R                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Ice                                                      |           |            |                                        |
|                             | <input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-GLYPH                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Other                                                    |           |            |                                        |

Contains  
1:1  
Sulfuric Acid  
SA-63020  
EXP: 10/28/17  
Warning!  
See SDS

Preservative Sticker(s) Here  
(If Available)

Notes:

field ID

G1NE0864 03212017

Penner Pond center

storet ID

G1NE0864

Signature:

Date: 3-21-2017

Field Parameters Entered into LIMS: HA 3/24/17 (Initials/Date)

Date Migrated to STORET: \_\_\_\_\_ (Initials/Date)

Field Parameters QC in LIMS: \_\_\_\_\_ (Initials/Date)

Field Sheets Scanned/Saved: \_\_\_\_\_ (Initials/Date)

# QA/QC Sample Information

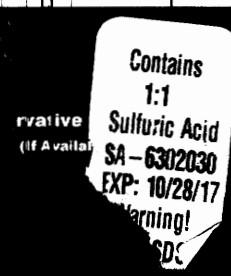
Duplicate

| Time Zone: EST CEN          |                                                                                                                                                                                                                        | Sample Depth (m):                                                                    |                                                      | Field ID:  |                              |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------|------------|------------------------------|
| Time:                       |                                                                                                                                                                                                                        | Total Depth (m):                                                                     |                                                      |            |                              |
| Parameter Suite             | Parameter Methods                                                                                                                                                                                                      | Preservation                                                                         | Acid Lot#                                            | Expiration | pH Check                     |
| Preserved Nutrients         | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                   | <input type="checkbox"/> Ice <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> |                                                      |            | <input type="checkbox"/> < 2 |
| Metals                      | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                        | <input type="checkbox"/> Ice <input type="checkbox"/> HNO <sub>3</sub>               |                                                      |            | <input type="checkbox"/> < 2 |
| Filtered Nutrients          | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                | <input type="checkbox"/> Ice                                                         | Place Preservative Sticker(s) Here<br>(If Available) |            |                              |
| Chlorophyll                 | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                    | <input type="checkbox"/> Ice                                                         |                                                      |            |                              |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                   | <input type="checkbox"/> Ice                                                         |                                                      |            |                              |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                                                                                          | <input type="checkbox"/> Ice                                                         |                                                      |            |                              |
| Microbiology                | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enteroc <input type="checkbox"/> PCR-FILTER                                                                                   | <input type="checkbox"/> Ice                                                         |                                                      |            |                              |
| Tracers                     | <input type="checkbox"/> W-SUC-AA-R <input type="checkbox"/> W-UHERB-AA                                                                                                                                                | <input type="checkbox"/> Ice                                                         |                                                      |            |                              |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-AHERB-AA <input type="checkbox"/> W-PYR-AA-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-GLYPH | <input type="checkbox"/> Ice<br><input type="checkbox"/> Other                       |                                                      |            |                              |

Blank

Field Blank

2017-03-20-09

| Time Zone: EST CEN                                                                                                                              |                                                                                                                                                                                                                                                                                          | Time: 1000                                                                                                 |                                                                                       | Field ID:  |                                         | Location: |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------|-----------------------------------------|-----------|--|
| <input type="checkbox"/> Field Blank <input checked="" type="checkbox"/> Equipment Blank <input type="checkbox"/> Field Cleaned Equipment Blank |                                                                                                                                                                                                                                                                                          | Equipment ID:                                                                                              |                                                                                       |            |                                         |           |  |
| Parameter Suite                                                                                                                                 | Parameter Methods                                                                                                                                                                                                                                                                        | Preservation                                                                                               | Acid 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"/> H <sub>2</sub> SO <sub>4</sub> |                                                                                       |            | <input checked="" type="checkbox"/> < 2 |           |  |
| Metals                                                                                                                                          | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP                                                                                                                                                                                                    | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO <sub>3</sub>               |                                                                                       |            | <input checked="" type="checkbox"/> < 2 |           |  |
| Filtered Nutrients                                                                                                                              | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                            | <input checked="" type="checkbox"/> Ice                                                                    |  |            |                                         |           |  |
| 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-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                                                    |                                                                                       |            |                                         |           |  |
| Physical/Aggregate (Marine)                                                                                                                     | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                                            | <input type="checkbox"/> Ice                                                                               |                                                                                       |            |                                         |           |  |
| Microbiology                                                                                                                                    | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enteroc <input type="checkbox"/> PCR-FILTER                                                                                                                                                     | <input type="checkbox"/> Ice                                                                               |                                                                                       |            |                                         |           |  |
| Tracers                                                                                                                                         | <input type="checkbox"/> W-SUC-AA-R <input type="checkbox"/> W-UHERB-AA                                                                                                                                                                                                                  | <input type="checkbox"/> Ice                                                                               |                                                                                       |            |                                         |           |  |
| Pesticides                                                                                                                                      | <input checked="" type="checkbox"/> W-PSNP-TQ <input checked="" type="checkbox"/> W-AHERB-AA <input checked="" type="checkbox"/> W-PYR-AA-R<br><input checked="" type="checkbox"/> W-PCL-SQ-R <input checked="" type="checkbox"/> W-UHERB-AA <input checked="" type="checkbox"/> W-GLYPH | <input checked="" type="checkbox"/> Other                                                                  |                                                                                       |            |                                         |           |  |

Notes:



FIELD BLANK 03212017

Signature:

*[Handwritten Signature]*

Date:

3-21-2017

Field Parameters Entered into LIMS:

*[Handwritten Signature]* 3/24/17

(Initials/Date)

Field Parameters QC in LIMS:

(Initials/Date)

Date Migrated to STORET:

(Initials/Date)

Field Sheets Scanned/Saved:

(Initials/Date)