

WIN / Field D



20030254

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 WASTE MANAGEMENT PROGRAM FIELD SHEET

January 2018

## Data Qualified?

Yes / No

Rice Creek @ 309B

Date: 215 / 2018  
(mm/dd/yyyy)

**WBID:** 256713

**Latitude:** 29.69297

**County:**

Putnam Co

**ORG ID:** 21FLA

Longitude: 81.72356 (Decimal Degrees)

**Receiving Body of Water:**

ST River

**RQ-2018-** 01-29-12

| Sampling Team Members                                     |      |                                                                                                                                                                                                                                 |                  | WQ Measurements                               | Sample Collection | Documentation                                                                     | Preservation | Preservation Check                  | Sampling Equipment                                   |                                                 |                               |  |
|-----------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------|-------------------|-----------------------------------------------------------------------------------|--------------|-------------------------------------|------------------------------------------------------|-------------------------------------------------|-------------------------------|--|
| J. P. ...<br>B. Davis                                     |      |                                                                                                                                                                                                                                 |                  |                                               |                   |                                                                                   |              |                                     | <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 <u>meter YS-4</u>                |                                                 |                               |  |
|                                                           |      |                                                                                                                                                                                                                                 |                  |                                               |                   |                                                                                   |              |                                     | Equipment ID <u>Ortho 6110 Kir 3</u>                 |                                                 |                               |  |
|                                                           |      |                                                                                                                                                                                                                                 |                  |                                               |                   |                                                                                   |              |                                     | 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# <u>YSI #4</u>                       |                   |                                                                                   |              | Matrix: Fresh / Marine / DI         |                                                      |                                                 |                               |  |
| Photos: Yes / No                                          |      |                                                                                                                                                                                                                                 |                  | Flow: No Flow / Intestinal / 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                                                       | 945  | 2.3                                                                                                                                                                                                                             | 0.3              | 0.4                                           | 8.28              | 81.5                                                                              | 6.27         | 0.07                                | 150                                                  | 14.6                                            |                               |  |
| CEN                                                       | 947  |                                                                                                                                                                                                                                 | 1.6              |                                               | 8.35              | 82.2                                                                              | 6.40         | 0.07                                | 151                                                  | 14.6                                            |                               |  |
| 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 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 |              | SA7341020                           |                                                      | 12/7/18 <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  |              | NA-7261120                          |                                                      | 9/18/18 <input checked="" type="checkbox"/> <2  |                               |  |
| Filtered Nutrients                                        |      | <input checked="" type="checkbox"/> W-FO4-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-CH-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                                                      |              |                                     |                                                      |                                                 |                               |  |
| Macroinvertebrates                                        |      | <input type="checkbox"/> MI-RW-QLDC                                                                                                                                                                                             |                  |                                               |                   | <input type="checkbox"/> Formalin                                                 |              |                                     |                                                      |                                                 |                               |  |
| Periphyton                                                |      | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                               |                  |                                               |                   | <input type="checkbox"/> Ice                                                      |              |                                     |                                                      |                                                 |                               |  |
| Microbiology                                              |      | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                            |                  |                                               |                   | <input type="checkbox"/> Ice                                                      |              |                                     |                                                      |                                                 |                               |  |
| Molecular                                                 |      | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-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                                                    |              |                                     |                                                      |                                                 |                               |  |

### Notes:

100m downstream of 309

**Place Label Here**

Signature: \_\_\_\_\_

Law

Date: \_\_\_\_\_

re: 2/5/18

**Enter Field Parameters, Verify Station ID In LIMS DMT:**

for 2/8/17  
(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT:

B 7 2/9/18  
(Initials/Date)

## Scan/Save Field Sheets

|           |                |
|-----------|----------------|
| 1572/9/18 | (Initial/Date) |
|-----------|----------------|

### Migrate Data to WIN:

### Verify Data In WIN:

(Initials/Date)

Rice creek

## Central Laboratory Submittal Form

last revised Jan 3, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

Jeremy Parrish

Project ID: SMP

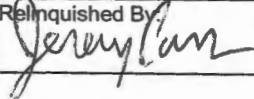
Collected By:

Jeremy Parrish

Sampling Agency:

FOEP-NE

|                                                                                                                                                    |                                                             |                                 |                                                             |                                                                           |                                                                      |                                                                                 |                               |                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------|
| <input type="checkbox"/> Comp                                                                                                                      |                                                             | Collection (comp begin or grab) |                                                             | Eastern                                                                   | Composite end                                                        |                                                                                 | Bottle Group(s)<br>(See pg 2) |                                                                           |
| <input type="checkbox"/> Grab                                                                                                                      |                                                             | Date                            | Time                                                        | Central                                                                   | Date                                                                 | Time                                                                            |                               |                                                                           |
| Matrix (type, e.g., Salt, Fresh, etc)                                                                                                              |                                                             |                                 |                                                             | Diss. Oxygen                                                              |                                                                      | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat                 | Total Res. Chlorine (mg/L)    |                                                                           |
| Temp (C)                                                                                                                                           |                                                             | pH                              |                                                             | Sample Depth                                                              | <input type="checkbox"/> ft<br><input type="checkbox"/> m            | Sp. Conductance (umho/cm)                                                       |                               |                                                                           |
| Latitude                                                                                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                       | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt)                                                            |                                                                      |                                                                                 |                               | Comments                                                                  |
| WIN / Field ID: <br>20030254<br><br>Rice Creek @ 309B             |                                                             |                                 |                                                             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 2/5/18 Time 945              | Eastern<br>Central                                                              | Composite end<br>Date Time    | Bottle Group(s)                                                           |
| Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                                                                                                     |                                                             |                                 |                                                             | Diss. Oxygen<br>8.28                                                      |                                                                      | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      | Total Res. Chlorine (mg/L)    | A                                                                         |
| Temp (C) 14.6                                                                                                                                      |                                                             | pH 6.27                         |                                                             | Sample Depth 0.3                                                          | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance (umho/cm) 150                                                   |                               |                                                                           |
| Latitude                                                                                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                       | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt) 0.07                                                       |                                                                      |                                                                                 |                               | Comments                                                                  |
| WIN / Field ID: <br>20030252<br><br>Rice Creek @ Wooden Bridge GP |                                                             |                                 |                                                             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 2/5/18 Time 1100             | Eastern<br>Central                                                              | Composite end<br>Date Time    | Bottle Group(s)                                                           |
| Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                                                                                                     |                                                             |                                 |                                                             | Diss. Oxygen<br>6.6                                                       |                                                                      | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat      | Total Res. Chlorine (mg/L)    | A                                                                         |
| Temp (C) 14.85                                                                                                                                     |                                                             | pH 6.21                         |                                                             | Sample Depth 0.3                                                          | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance (umho/cm) 160                                                   |                               |                                                                           |
| Latitude                                                                                                                                           | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                       | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt) 0.08                                                       |                                                                      |                                                                                 |                               | Comments                                                                  |
| Location                                                                                                                                           |                                                             |                                 |                                                             | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date Time                         | Eastern<br>Central                                                              | Composite end<br>Date Time    | Bottle Group(s)                                                           |
| Field ID                                                                                                                                           |                                                             |                                 |                                                             | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                      | Diss. Oxygen<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |                               | Total Res. Chlorine (mg/L)                                                |
| WIN/STORET #                                                                                                                                       |                                                             |                                 |                                                             | Temp (C)                                                                  |                                                                      | pH                                                                              |                               | Sample Depth<br><input type="checkbox"/> ft<br><input type="checkbox"/> m |
| Latitude                                                                                                                                           |                                                             |                                 |                                                             | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Longitude                                                            | <input type="checkbox"/> dd<br><input type="checkbox"/> dms                     | Salinity (ppt)                |                                                                           |
| Comments                                                                                                                                           |                                                             |                                 |                                                             |                                                                           |                                                                      |                                                                                 |                               |                                                                           |

|                                                                                                     |                        |                        |                              |              |            |
|-----------------------------------------------------------------------------------------------------|------------------------|------------------------|------------------------------|--------------|------------|
| Relinquished By:  | Date/Time: 2/5/18 1500 | Shipping Method: Fedex | Number of Coolers Shipped: 1 | Received By: | Date/Time: |
|-----------------------------------------------------------------------------------------------------|------------------------|------------------------|------------------------------|--------------|------------|

Group: A      Bottle Type: P-1L      # of Bottles: 3      Preservative: ICE      Enter Number of Bottles Sent to Lab 2

ALKALINITY  
TURBIDITY  
W-CL-IC  
W-COLOR  
W-F  
W-SO4-IC  
W-TDS  
W-TSS

Group: A      Bottle Type: BP-1L      # of Bottles: 3      Preservative: ICE      Enter Number of Bottles Sent to Lab 2

CHLSUITE-W

Group: A      Bottle Type: P-500ML      # of Bottles: 3      Preservative: HNO3      Enter Number of Bottles Sent to Lab 2

W-ICP  
W-ICPMS

Group: A      Bottle Type: P-500ML      # of Bottles: 3      Preservative: ICE And H2SO4      Enter Number of Bottles Sent to Lab 2

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 2

W-PO4-F

Cooler Packing Worksheet for Request: RQ-2018-01-29-12

Rice creek

Ship Cooler On: 1/18/2018

Customer/Project: NE-DIST/SMP

Assigned To: REAVES\_S

Requester: Jeremy M. Parrish

Priority: 3

904-807-3300  
7825 Baymeadows Way  
Suite B 200  
Jacksonville, FL 32256-7577  
Attn: Jeremy Parrish

Comments:

No preservatives needed.

Group A: Freshwater Kit With Metals

Requested Analyses:

Bottle Group: A

# of Sites: 3

Container ID: P-1L

Qty: 3      Preservation: ICE

Lot #

00069741

Description: Plastic Bottle 1L

Analysis

ALKALINITY  
TURBIDITY  
W-CL-IC  
W-COLOR  
W-F  
W-SO4-IC  
W-TDS  
W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L  
Turbidity in aqueous matrices  
Chloride in aqueous matrices  
True Color measured at 450 nm  
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)  
Sulfate in aqueous matrices  
Total Dissolved Solids in aqueous matrices  
Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 3      Preservation: ICE

Lot #

1214297

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-500ML

Qty: 3 Preservation: HNO3

Lot # 00069255

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

**Analysis**

W-ICP

W-ICPMS

**Description**

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 3 Preservation: ICE And H2SO4

Lot # 00069255

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

**Analysis**

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

**Description**

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 3 Preservation: FILTER-ICE

Lot # 00068347

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4F

**Description**

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: SR

Number of Coolers: 1

Date: 1-17-18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags
- ☒ Zip Ties

If Preservation Included:

|          |           |             |
|----------|-----------|-------------|
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |

**PLEASE RETURN ALL COOLERS FOR RQ-2018-01-29-12**