



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?  
Yes / No

WIN Station Name: Spruce Creek @ 500m Upstream of RR Bridge

Date: 07/30/2019  
(mm/dd/yyyy)

WIN/ Field ID: G5CE0091

WBID: 2674A

Latitude: 29.07686

County: Volusia

ORG ID: 21FLCEN

Longitude: -80.98669  
(Decimal Degrees)

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

RQ-2019- 03-18-32  
(Decimal Degrees)

## Sampling Team Members

Mike Linger

Mike Drennan

| WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

## Sampling Equipment

- ☒ Sample Container ☐ Van Dorn ☐ Pole  
☐ Carboy ☒ Syringe  
☐ Dipper ☐ Other

Depth Measured with Secchi Disk Line / Meter  
Equipment ID Leadfoot, Knethead, Crusty/Bucket, / Trap

## Collection Method

- ☐ Wading ☐ Canoe/Kayak  
☐ From Shore ☐ Electric Motor  
☐ Other ☒ Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# Shrimp Trap

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / Flowing / NA

Tide: Rising/ Falling/ Slack/ NA

Tide Times: High 713 Low 1347

| Time Zone | Time | Total Depth (m) | Sample Depth (m) | Secchi Disk (m) | DO (mg/L) | DO (%SAT) | pH   | Salinity (PPT) | Sp COND (umhos/cm) | Temp. (C°) |
|-----------|------|-----------------|------------------|-----------------|-----------|-----------|------|----------------|--------------------|------------|
| EST       | 1007 | 1.7             | 0.3              | 0.7             | 4.52      | 65.2      | 7.25 | 15.00          | 24412              | 30.2       |
| GEN       |      |                 | 1.2              |                 | 4.35      | 64.0      | 7.33 | 19.84          | 32,000             | 29.9       |

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 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                        | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | <u>SA8344070</u> | <u>12/10/19</u> | <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  | <u>NA9129070</u> | <u>5/1/20</u>   | <input checked="" type="checkbox"/> <2 |
| Filtered Nutrients          | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 um Filter                                                                                                          | <input checked="" type="checkbox"/> Ice                                           | <u>13615055</u>  |                 |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                         | <input checked="" type="checkbox"/> Ice                                           |                  |                 |                                        |
| Physical/Aggregate (Fresh)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                   | <input type="checkbox"/> Ice                                                      |                  |                 |                                        |
| Physical/Aggregate (Marine) | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                                                                               | <input checked="" 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 checked="" type="checkbox"/> Enterococci                                                                                                        | <input type="checkbox"/> Ice                                                      |                  |                 |                                        |
| Molecular                   | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2<br><input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD       | <input type="checkbox"/> Ice                                                      |                  |                 |                                        |
| Tracers                     | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                | <input type="checkbox"/> Ice                                                      |                  |                 |                                        |
| Pesticides                  | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice<br><input type="checkbox"/> Other                    |                  |                 |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                    | <input type="checkbox"/> Ice                                                      |                  |                 |                                        |

H2SO4  
LOT# SA8344070  
EXP: 12/10/2019

Place Preservative Sticker(s) Here  
(If Available)

HNO3  
LOT# NA9129070  
EXP: 05/09/20

Notes:

WIN ID / Field ID →

Spruce Creek @ 500m  
Upstream of RR Bridge



G5CE0091

Signature: [Signature] Date: 7/30/19

LIMS EVENT ID: CENT-DIST-2019- 07-31-01

Enter Field Parameters, Verify Station ID In LIMS DMT: KWM AUG 02 2019

QC Station ID, Field Parameters In LIMS DMT: 716 8/15/19

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)