



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

Data Qualified?

Yes / No

January 2018

WIN Station Name: Thomas Cr 6.0 MI Below City Prison Date: 3/29/2018  
(mm/dd/yyyy)WIN/Field ID: G4NE0008 WBID: 2161C Latitude: 30.56285  
(Decimal Degrees)County: Duval ORG ID: 21FLA Longitude: -81.68698  
(Decimal Degrees)Receiving Body of Water: Nassau River RQ-2018-03-19-59

| Sampling Team Members |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| B Davis               |  |  |  |  | ✓               | ✓                 | ✓             | ✓            | ✓                  |
| P O'Connor            |  |  |  |  | ✓               | ✓                 | ✓             | ✓            | ✓                  |

| 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 <u>Secchi</u>                    |                                   |                               |
| Equipment ID <u>Outlet #44</u>                       |                                   |                               |

| Collection Method                   |                                                    |  |
|-------------------------------------|----------------------------------------------------|--|
| <input type="checkbox"/> Wading     | <input type="checkbox"/> Canoe/Kayak               |  |
| <input type="checkbox"/> From Shore | <input type="checkbox"/> Electric Motor            |  |
| <input type="checkbox"/> Other      | <input checked="" type="checkbox"/> Gasoline Motor |  |

Water Level: Dry / Pooled / Low / Normal / High / Flooded  
Photos: Yes / No Flow: No Flow / Interstitial / Flowing / NA  
Meter ID# Quanta Matrix: Fresh / Marine / DI  
Tide: Rising / Falling / Slack / NA Tide Times: High 1049 Low 0444

| 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       | 1105 | 3.8             | 0.3              | 0.5             | 6.21      | 67.0      | 7.03               | 1.05           | 2070               | 18.80 ✓    |
| CEN       | 1110 |                 | 2.0              |                 | 6.19      | 67.3      | 7.01<br>6.76<br>BD | 1.08           | 2130               | 18.77 ✓    |

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 type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> | SA7233030 | 8/21/18    | <input checked="" 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 checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                                 | <input checked="" type="checkbox"/> Ice                                                         | AE12511   |            |                                        |
| 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-CHC / 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 checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" 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<br><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"/> Ice<br><input type="checkbox"/> Other                                  |           |            |                                        |

Notes: TIDES for Thomas Creek Entrance  
LOW @ 0444 High @ 1049  
WIN / Field ID: G4NE0008  
THOMAS CR 6.0 MI BELOW CITY PRISONSignature: [Signature] Date: 3/29/18Enter Field Parameters, Verify Station ID In LIMS DMT: [Signature] QC Station ID, Field Parameters In LIMS DMT: BD 4/2/18Scan/Save Field Sheets BD 4/2/18 Migrate Data to WIN: [Signature] Verify Data In WIN: [Signature]



## SR #

9143 Philine Highway Suite 200 Rockwell, TX 78666 (512) 390-2222

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 / Ph(904) 739-2277 / FAX (904) 739-2011

[illegible]

Request Number: RQ-2018-03-19-59

Nassau East

Florida Department of Environmental Protection

Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

P. O'Connor, B. Davis  
P. O'Connor  
DEAL NED ROC

|          |                                                                                                      |                                          |                                                          |                                 |       |                                             |               |                              |                                           |                                                                   |                           |      |
|----------|------------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------|---------------------------------|-------|---------------------------------------------|---------------|------------------------------|-------------------------------------------|-------------------------------------------------------------------|---------------------------|------|
| Location | WIN / Field ID :  | <input type="checkbox"/> Comp            |                                                          | Collection (comp begin or grab) | 1105  | <input checked="" type="checkbox"/> Eastern | Composite end | Time                         | Bottle Group(s)                           |                                                                   |                           |      |
| Field ID | G4NE0008                                                                                             | <input checked="" type="checkbox"/> Grab |                                                          | Date 03-29-18                   | Time  | Diss. Oxygen                                |               | 6.21                         | <input checked="" type="checkbox"/> mg/L  | Total Res. Chlorine                                               | (See pg 2)                |      |
| WIN/STOR | THOMAS CR 6.0 MI BELOW CITY PRISON                                                                   | Matrix (type, e.g., Salt, Fresh, etc)    |                                                          | SURFACE WATER FRESH             |       | Diss. Oxygen                                |               | 6.21                         | <input checked="" type="checkbox"/> % sat | (mg/L)                                                            | A                         |      |
| Latitude | <input type="checkbox"/> dd <input type="checkbox"/> dms                                             | Longitude                                | <input type="checkbox"/> dd <input type="checkbox"/> dms | Temp (C)                        | 18.8  | pH                                          | 7.03          | Sample Depth                 | 0.3                                       | <input checked="" type="checkbox"/> ft <input type="checkbox"/> m | Sp. Conductance (umho/cm) | 2010 |
| Location | WIN / Field ID :   | <input type="checkbox"/> Comp            |                                                          | Collection (comp begin or grab) | 1210  | <input checked="" type="checkbox"/> Eastern | Composite end | Time                         | Bottle Group(s)                           |                                                                   |                           |      |
| Field ID | 19010103                                                                                             | <input checked="" type="checkbox"/> Grab |                                                          | Date 03-29-18                   | Time  | Diss. Oxygen                                |               | 2.87                         | <input checked="" type="checkbox"/> mg/L  | Total Res. Chlorine                                               | B                         |      |
| WIN/STOR | THOMAS CR @ ETHYL RD                                                                                 | Matrix (type, e.g., Salt, Fresh, etc)    |                                                          | SURFACE WATER FRESH             |       | Diss. Oxygen                                |               | 2.87                         | <input checked="" type="checkbox"/> % sat | (mg/L)                                                            |                           |      |
| Latitude | <input type="checkbox"/> dd <input type="checkbox"/> dms                                             | Longitude                                | <input type="checkbox"/> dd <input type="checkbox"/> dms | Temp (C)                        | 17.55 | pH                                          | 7.14          | Sample Depth                 | 0.3                                       | <input checked="" type="checkbox"/> ft <input type="checkbox"/> m | Sp. Conductance (umho/cm) | 145  |
| Location | WIN / Field ID :    | <input type="checkbox"/> Comp            |                                                          | Collection (comp begin or grab) | 0.07  | Comments                                    |               | E. coli SAMPLE ONLY DO% 30.2 |                                           | Time                                                              | Bottle Group(s)           |      |
| Field ID | 19020069                                                                                             | <input checked="" type="checkbox"/> Grab |                                                          | Date                            | Time  | Diss. Oxygen                                |               |                              | <input type="checkbox"/> mg/L             | Total Res. Chlorine                                               |                           |      |
| WIN/STOR | UNNAMED TRIB TO LITTLE MILLS CR. @ US1                                                               | Matrix (type, e.g., Salt, Fresh, etc)    |                                                          |                                 |       | Diss. Oxygen                                |               |                              | <input type="checkbox"/> % sat            | (mg/L)                                                            |                           |      |
| Latitude | <input type="checkbox"/> dd <input type="checkbox"/> dms                                             | Longitude                                | <input type="checkbox"/> dd <input type="checkbox"/> dms | Temp (C)                        |       | pH                                          |               | Sample Depth                 |                                           | <input type="checkbox"/> ft <input type="checkbox"/> m            | Sp. Conductance (umho/cm) |      |
| Location | WIN / Field ID :    | <input type="checkbox"/> Comp            |                                                          | Collection (comp begin or grab) |       | Comments                                    |               |                              |                                           | Time                                                              | Bottle Group(s)           |      |
| Field ID | 19020070                                                                                             | <input checked="" type="checkbox"/> Grab |                                                          | Date                            | Time  | Diss. Oxygen                                |               |                              | <input type="checkbox"/> mg/L             | Total Res. Chlorine                                               |                           |      |
| WIN/STOR | UNNAMED TRIB TO LITTLE MILLS CR. @ Zidell Rd.                                                        | Matrix (type, e.g., Salt, Fresh, etc)    |                                                          |                                 |       | Diss. Oxygen                                |               |                              | <input type="checkbox"/> % sat            | (mg/L)                                                            |                           |      |
| Latitude | <input type="checkbox"/> dd <input type="checkbox"/> dms                                             | Longitude                                | <input type="checkbox"/> dd <input type="checkbox"/> dms | Temp (C)                        |       | pH                                          |               | Sample Depth                 |                                           | <input type="checkbox"/> ft <input type="checkbox"/> m            | Sp. Conductance (umho/cm) |      |
| Location | WIN / Field ID :    | <input type="checkbox"/> Comp            |                                                          | Collection (comp begin or grab) |       | Comments                                    |               |                              |                                           | Time                                                              | Bottle Group(s)           |      |
| Field ID | 19020070                                                                                             | <input checked="" type="checkbox"/> Grab |                                                          | Date                            | Time  | Diss. Oxygen                                |               |                              | <input type="checkbox"/> mg/L             | Total Res. Chlorine                                               |                           |      |
| WIN/STOR | UNNAMED TRIB TO LITTLE MILLS CR. @ Zidell Rd.                                                        | Matrix (type, e.g., Salt, Fresh, etc)    |                                                          |                                 |       | Diss. Oxygen                                |               |                              | <input type="checkbox"/> % sat            | (mg/L)                                                            |                           |      |
| Latitude | <input type="checkbox"/> dd <input type="checkbox"/> dms                                             | Longitude                                | <input type="checkbox"/> dd <input type="checkbox"/> dms | Temp (C)                        |       | pH                                          |               | Sample Depth                 |                                           | <input type="checkbox"/> ft <input type="checkbox"/> m            | Sp. Conductance (umho/cm) |      |

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

1530

other RQ cooler

|          |                                                                                                    |                |                 |               |               |                                     |              |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|---------------|---------------|-------------------------------------|--------------|
| Group: A | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-F<br>W-SO4-IC<br>W-TSS                                | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1            |
| Group: A | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1            |
| Group: A | Bottle Type:<br>NE-ALS-ENQ                                                                         | P-120ML-WC-THI | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 to ALS JAX |
| 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: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1            |
| Group: A | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1            |
| Group: B | 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: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 0            |
| Group: B | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 0            |
| Group: B | Bottle Type:<br>NE-ALS-ECQ                                                                         | P-250ML-WI-THI | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 to ALS JAX |
| Group: B | Bottle Type:<br>W-NH3                                                                              | P-500ML        | # of Bottles: 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 0            |