



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

DO Failed

WIN Station Name: Flint Creek @ Knights Griffin Rd.

Date: 07/24/2018  
(mm/dd/yyyy)

WIN/ Field ID: G2SW0066

WBID: 1522A

Latitude: 28.07625

(Decimal Degrees)

County: Hillsborough

ORG ID: 21FLTPA

Longitude: -82.26318

(Decimal Degrees)

Receiving Body of Water: Hillsborough River

RQ-2018-07-23-02

| Sampling Team Members                                                        |                                                                                                                                                                                                                                                                                            |                 |                  | WQ Measurements                                    | Sample Collection                                           | Documentation | Preservation | Preservation Check                      | Sampling Equipment                                   |                                         |                               |  |
|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|----------------------------------------------------|-------------------------------------------------------------|---------------|--------------|-----------------------------------------|------------------------------------------------------|-----------------------------------------|-------------------------------|--|
| Judy Ashton                                                                  |                                                                                                                                                                                                                                                                                            |                 |                  |                                                    |                                                             |               |              |                                         | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn       | <input type="checkbox"/> Pole |  |
| Ben Paswater                                                                 |                                                                                                                                                                                                                                                                                            |                 |                  |                                                    |                                                             |               |              |                                         | <input type="checkbox"/> Carboy                      | <input type="checkbox"/> Syringe        |                               |  |
| Sarah Meyer                                                                  |                                                                                                                                                                                                                                                                                            |                 |                  |                                                    |                                                             |               |              |                                         | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other          |                               |  |
|                                                                              |                                                                                                                                                                                                                                                                                            |                 |                  |                                                    |                                                             |               |              |                                         | Depth Measured with Secchi<br>Equipment ID Secchi #1 |                                         |                               |  |
|                                                                              |                                                                                                                                                                                                                                                                                            |                 |                  |                                                    |                                                             |               |              |                                         | Collection Method                                    |                                         |                               |  |
|                                                                              |                                                                                                                                                                                                                                                                                            |                 |                  |                                                    |                                                             |               |              |                                         | <input type="checkbox"/> Wading                      | <input type="checkbox"/> Canoe/Kayak    |                               |  |
|                                                                              |                                                                                                                                                                                                                                                                                            |                 |                  |                                                    |                                                             |               |              |                                         | <input checked="" type="checkbox"/> From Shore       | <input type="checkbox"/> Electric Motor |                               |  |
|                                                                              |                                                                                                                                                                                                                                                                                            |                 |                  |                                                    |                                                             |               |              |                                         | <input type="checkbox"/> Other                       | <input type="checkbox"/> Gasoline Motor |                               |  |
| Water Level: Dry/ Pooled/ Low / Normal / <u>High</u> / Flooded               |                                                                                                                                                                                                                                                                                            |                 |                  | Meter ID# <u>Leia</u>                              |                                                             |               |              | Matrix: <u>Fresh</u> Marine/ DI         |                                                      |                                         |                               |  |
| Photos: Yes / <u>No</u>                                                      |                                                                                                                                                                                                                                                                                            |                 |                  | Flow: No Flow / Interstitial / <u>Flowing</u> / NA |                                                             |               |              | Tide: Rising/ Falling/ Slack/ <u>NA</u> |                                                      |                                         |                               |  |
| 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 (umhos/cm)                                   | Temp. (C°)                              |                               |  |
| <u>EST</u>                                                                   | <u>1045</u>                                                                                                                                                                                                                                                                                | <u>1.0</u>      | <u>0.3</u>       | <u>0.5</u>                                         | <u>4.125</u>                                                | <u>52.65</u>  | <u>6.28</u>  | <u>0.07</u>                             | <u>147.5</u>                                         | <u>27.9</u>                             |                               |  |
| Biological Samples Collected: <u>None</u> 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 type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                                                                                       |                 |                  |                                                    | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4 |               |              |                                         | <input type="checkbox"/> <2                          |                                         |                               |  |
| Metals                                                                       | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                                                                                            |                 |                  |                                                    | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3  |               |              |                                         | <input type="checkbox"/> <2                          |                                         |                               |  |
| Filtered Nutrients                                                           | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 um Filter                                                                                                                                                                                                    |                 |                  |                                                    | <input type="checkbox"/> Ice                                |               | 9841668      |                                         |                                                      |                                         |                               |  |
| Chlorophyll                                                                  | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                                        |                 |                  |                                                    | <input type="checkbox"/> Ice                                |               |              |                                         |                                                      |                                         |                               |  |
| Physical/Aggregate (Fresh)                                                   | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-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                                |               |              |                                         |                                                      |                                         |                               |  |
| 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"/> Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                                                                              |                 |                  |                                                    | <input checked="" type="checkbox"/> Ice                     |               |              |                                         |                                                      |                                         |                               |  |
| Molecular                                                                    | <input checked="" type="checkbox"/> CR-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 checked="" type="checkbox"/> W-SUC-AA-R <input checked="" type="checkbox"/> W-UHERB-AA <input checked="" 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"/> 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 <input type="checkbox"/> Other |               |              |                                         |                                                      |                                         |                               |  |

Notes:

WBID needs are 2 SCIs and 10 Ecoli+MT

Field ID/WIN

G2SW0066



Site Name: Flint Creek @ Knights Griffin Rd

Signature:

*Sarah Meyer*

Date:

07/24/2018

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 07/27/2018

QC Station ID, Field Parameters In LIMS DMT: SM 11/8/2018

Scan/Save Field Sheets SM 11/28/2018  
(Initials/Date)

Migrate Data to WIN: SM 11/8/2018  
(Initials/Date)

Verify Data In WIN: SM 11/28/2018  
(Initials/Date)

Request Number: RQ-2018-07-23-02

Spartman, Flint, Bellows, Baker

## Florida Department of Environmental Protection

## Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Benjamin Paswater

Field Report Prepared By:

S Meyer

Collected By: J Ashton &amp; S Meyer

Sampling Agency:

FDEP SW ROC

|                          |                                                             |                                                             |                                 |                                     |                                                                      |                                                           |                           |                               |  |
|--------------------------|-------------------------------------------------------------|-------------------------------------------------------------|---------------------------------|-------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------|---------------------------|-------------------------------|--|
| Location                 |                                                             | <input type="checkbox"/> Comp                               | Collection (comp begin or grab) |                                     | <input checked="" type="checkbox"/> Eastern                          | Composite end                                             |                           | Bottle Group(s)<br>(See pg 2) |  |
| Field ID/WIN<br>G2SW0066 |                                                             | <input checked="" type="checkbox"/> Grab                    | Date 07/24/2018 Time 10:45      |                                     | <input checked="" type="checkbox"/> Central                          | Date Time                                                 |                           |                               |  |
| Field ID                 |                                                             | Matrix (type, e.g., Salt, Fresh, etc)                       |                                 | Diss. Oxygen                        |                                                                      | <input checked="" type="checkbox"/> mg/L                  | Total Res. Chlorine       | B/C                           |  |
| WIN/S                    | Site Name: Flint Creek @ Knights Griffin Rd                 |                                                             |                                 | 4.12                                |                                                                      | <input type="checkbox"/> % sat                            | (mg/L)                    |                               |  |
| Latitude                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Temp (C) 27.9                                               | pH 6.28                         | Sample Depth 0.3                    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance (umho/cm) 147.5                           |                           |                               |  |
|                          |                                                             | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt) 0.07             | Comments: E. COLI DROPPED OUT 2 ALL |                                                                      |                                                           |                           |                               |  |
| Location                 |                                                             | <input type="checkbox"/> Comp                               | Collection (comp begin or grab) |                                     | <input checked="" type="checkbox"/> Eastern                          | Composite end                                             |                           | Bottle Group(s)               |  |
| Field ID/WIN<br>G1SW0060 |                                                             | <input checked="" type="checkbox"/> Grab                    | Date 07/24/2018 Time 12:05      |                                     | <input checked="" type="checkbox"/> Central                          | Date Time                                                 |                           |                               |  |
| Field ID                 |                                                             | Matrix (type, e.g., Salt, Fresh, etc)                       |                                 | Diss. Oxygen                        |                                                                      | <input checked="" type="checkbox"/> mg/L                  | Total Res. Chlorine       | A/B                           |  |
| WIN/S                    | Site Name: Bellows Lake Outlet                              |                                                             |                                 | 5.79                                |                                                                      | <input type="checkbox"/> % sat                            | (mg/L)                    |                               |  |
| Latitude                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Temp (C) 29.2                                               | pH 7.14                         | Sample Depth 0.3                    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance (umho/cm) 141.6                           |                           |                               |  |
|                          |                                                             | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt) 0.07             | Comments: E. COLI DROPPED OUT 2 ALL |                                                                      |                                                           |                           |                               |  |
| Location                 |                                                             | <input type="checkbox"/> Comp                               | Collection (comp begin or grab) |                                     | <input type="checkbox"/> Eastern                                     | Composite end                                             |                           | Bottle Group(s)               |  |
| Field ID                 |                                                             | <input type="checkbox"/> Grab                               | Date Time                       |                                     | <input type="checkbox"/> Central                                     | Date Time                                                 |                           |                               |  |
| WIN/STORET #             |                                                             | Matrix (type, e.g., Salt, Fresh, etc)                       |                                 | Diss. Oxygen                        |                                                                      | <input type="checkbox"/> mg/L                             | Total Res. Chlorine       |                               |  |
|                          |                                                             |                                                             |                                 |                                     |                                                                      | <input type="checkbox"/> % sat                            | (mg/L)                    |                               |  |
| Latitude                 |                                                             | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Temp (C)                        | pH                                  | Sample Depth                                                         | <input type="checkbox"/> ft<br><input type="checkbox"/> m | Sp. Conductance (umho/cm) |                               |  |
| Longitude                |                                                             | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt)                  | Comments                            |                                                                      |                                                           |                           |                               |  |
| Location                 |                                                             | <input type="checkbox"/> Comp                               | Collection (comp begin or grab) |                                     | <input type="checkbox"/> Eastern                                     | Composite end                                             |                           | Bottle Group(s)               |  |
| Field ID                 |                                                             | <input type="checkbox"/> Grab                               | Date Time                       |                                     | <input type="checkbox"/> Central                                     | Date Time                                                 |                           |                               |  |
| WIN/STORET #             |                                                             | Matrix (type, e.g., Salt, Fresh, etc)                       |                                 | Diss. Oxygen                        |                                                                      | <input type="checkbox"/> mg/L                             | Total Res. Chlorine       |                               |  |
|                          |                                                             |                                                             |                                 |                                     |                                                                      | <input type="checkbox"/> % sat                            | (mg/L)                    |                               |  |
| Latitude                 |                                                             | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Temp (C)                        | pH                                  | Sample Depth                                                         | <input type="checkbox"/> ft<br><input type="checkbox"/> m | Sp. Conductance (umho/cm) |                               |  |
| Longitude                |                                                             | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt)                  | Comments                            |                                                                      |                                                           |                           |                               |  |

|                                 |                              |                          |                                 |              |           |
|---------------------------------|------------------------------|--------------------------|---------------------------------|--------------|-----------|
| Relinquished By:<br>Sarah Meyer | Date/Time<br>7/24/2018 16:30 | Shipping Method<br>FedEx | Number of Coolers Shipped:<br>1 | Received By: | Date/Time |
|---------------------------------|------------------------------|--------------------------|---------------------------------|--------------|-----------|

|          |                                                                                                    |                |                 |                             |                                              |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------------------|----------------------------------------------|
| Group: A | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L           | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>1</u> |
| Group: A | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>1</u> |
| 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: 2 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab <u>1</u> |
| Group: A | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 2 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab <u>1</u> |
| Group: B | Bottle Type:<br>SWD-AEL-EC                                                                         | P-120ML-WC-THI | # of Bottles: 7 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>5</u> |
| Group: C | Bottle Type:<br>PCR-FILTER                                                                         | QPCR-P-500ML   | # of Bottles: 6 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>6</u> |
| Group: C | Bottle Type:<br>W-E8321-DI<br>W-E8321-MS                                                           | BG-500ML       | # of Bottles: 6 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>6</u> |



Advanced  
Environmental Laboratories, Inc.

☐ **Gainesville:** 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6839  
☐ **Jacksonville:** 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354  
☐ **Tallahassee:** 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6272 • Fax 850.219.6275  
☒ **Tampa:** 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

|                                                                                              |  |                                                                                              |  |                    |                   |         |  |  |  |  |                   |
|----------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------|--|--------------------|-------------------|---------|--|--|--|--|-------------------|
| Client Name: FDEP SW Dist.                                                                   |  | Project Name: SMP                                                                            |  | BOTTLE SIZE & TYPE |                   |         |  |  |  |  | LABORATORY I.D. # |
| Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637                                      |  | P.O. Number: B370AE                                                                          |  |                    |                   |         |  |  |  |  |                   |
| Phone: 813-470-5770                                                                          |  | Project Address:                                                                             |  |                    |                   |         |  |  |  |  |                   |
| Contact: Judy Ashton 813-470-5772                                                            |  | Special Instructions:<br>RQ-2018-07-23-02                                                    |  |                    | Analysis Required | E. coli |  |  |  |  |                   |
| Sampled By: J Ashton & S Meyer                                                               |  |                                                                                              |  |                    |                   |         |  |  |  |  |                   |
| Turn Around Time: <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RUSH |  | <input type="checkbox"/> ADaPT <input type="checkbox"/> EQUIS <input type="checkbox"/> Other |  |                    |                   |         |  |  |  |  |                   |
| Page: 1 of 1                                                                                 |  |                                                                                              |  |                    |                   |         |  |  |  |  |                   |

  

| SAMPLE ID                                   | SAMPLE DESCRIPTION | Grab | SAMPLING |       | MATRIX | NO. COUNT | PRE-SER-VATION | ANALYSIS | REMARKS | LABORATORY I.D. # |
|---------------------------------------------|--------------------|------|----------|-------|--------|-----------|----------------|----------|---------|-------------------|
|                                             |                    |      | DATE     | TIME  |        |           |                |          |         |                   |
| Field ID/WIN<br>G2SW0067                    |                    |      | 7/24/18  | 11 20 | SW     | 1         |                | ✓        |         |                   |
| Site Name: Spartman Branch @Harvey Tew Rd   |                    |      |          |       |        |           |                |          |         |                   |
| Field ID/WIN<br>G2SW0013                    |                    |      | 7/24/18  | 11 30 | SW     | 1         |                | ✓        |         |                   |
| Site Name: Spartman Branch @ US 92          |                    |      |          |       |        |           |                |          |         |                   |
| Field ID/WIN<br>G2SW0004                    |                    |      | 7/24/18  | 10 27 | SW     | 1         |                | ✓        |         |                   |
| Site Name: Flint Creek @ SR301 TP39         |                    |      |          |       |        |           |                |          |         |                   |
| Field ID/WIN<br>G2SW0066                    |                    |      | 7/24/18  | 10 45 | SW     | 1         |                | ✓        |         |                   |
| Site Name: Flint Creek @ Knights Griffin Rd |                    |      |          |       |        |           |                |          |         |                   |
| Field ID/WIN<br>G1SW0060                    |                    |      | 7/24/18  | 12 05 | SW     | 1         |                | ✓        |         |                   |
| Site Name: Bellows Lake Outlet              |                    |      |          |       |        |           |                |          |         |                   |

  

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = Ice H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received \_\_\_\_\_ (in degrees celcius)

DCN: AD-051 Form last revised 04/30/2015 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 0A A: 3A M: 3A S: 1V

|                                       |  |                                         |  |                                  |  |                                         |  |
|---------------------------------------|--|-----------------------------------------|--|----------------------------------|--|-----------------------------------------|--|
| Relinquished by: <u>Amelia Morgan</u> |  | Date: <u>7/24/18</u> Time: <u>12 20</u> |  | Received by: <u>Anthony B...</u> |  | Date: <u>7/24/18</u> Time: <u>12 20</u> |  |
|---------------------------------------|--|-----------------------------------------|--|----------------------------------|--|-----------------------------------------|--|

**FOR DRINKING WATER USE:**  
 PWS ID: \_\_\_\_\_