



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / ☒ No

WIN Station Name: Williams Lake @ Center

Date: 09/03/2019  
(mm/dd/yyyy)

WIN/ Field ID: G1SW0071

WBID: 1493D

Latitude: 28.09916

(Decimal Degrees)

County: Hillsborough

ORG ID: 21FLTPA

Longitude: -82.60274

(Decimal Degrees)

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

RQ-2019- 09-02-11

| Sampling Team Members |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| Ben Bowater           |  |  |  |  |                 | X                 | X             | X            | X                  |
| Sarah Meyer           |  |  |  |  |                 | X                 | X             | X            | X                  |

| 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: Secchi  
Equipment ID Secchi #1

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

Water Level: Dry/ Pooled/ Low Normal / High / Flooded  
Meter ID# Chewy  
Matrix: Fresh / Marine / DI  
Photos: Yes / ☒ No  
Flow: No Flow / Interstitial / 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 (PPTH) | Sp COND (µmhos/cm) | Temp. (C°) |
|-----------|-------|-----------------|------------------|-----------------|-----------|-----------|------|-----------------|--------------------|------------|
| EST       | 10:50 | 3.5             | 0.3              | 1.4             | 5.53      | 73.3      | 7.43 | 0.08            | 169.7              | 30.1       |
|           |       |                 | 3.0              |                 | 5.38      | 70.7      | 6.73 | 0.08            | 170.2              | 30.0       |

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"/> H2SO4 | SA8344070 | 12/10/19   | <input checked="" 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 checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                           | <input checked="" type="checkbox"/> Ice                                |           |            |                                        |
| Chlorophyll                 | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                |           |            |                                        |
| Physical/Aggregate (Fresh)  | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                         | <input checked="" type="checkbox"/> Ice                                |           |            |                                        |
| Physical/Aggregate (Marine) | <input type="checkbox"/> Alkalinity / W-BR-IC / 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 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-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"/> W-E8321-MS <input type="checkbox"/> W-CARB-AA | <input type="checkbox"/> Ice                                           |           |            |                                        |
| Phytoplankton               | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                     | <input type="checkbox"/> Ice                                           |           |            |                                        |

Notes:

A-Kit

Field ID/WIN

G1SW0071

Site Name:

Williams Lake @ Center

Signature:

*Sarah Meyer*

Date:

09/03/2019

LIMS EVENT ID: 2019-09-04-02

WIN Import ID: 15157

Enter Field Parameters, Verify Station ID in LIMS DMT: SM 09/09/2019

QC Station ID, Field Parameters in LIMS DMT: SM 10/16/2019

Scan/Save Field Sheets SM 01/08/2020

Migrate Data to WIN: SM 10/16/2019

Verify Data in WIN: SM 01/08/2020

(Initials/Date)

(Initials/Date)

(Initials/Date)

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Customer: SW-DIST

Requester: Benjamin Paswater

Field Report Prepared By: S Meyer

Project ID: SMP

Collected By: B Paswater &amp; S Meyer

Sampling Agency: FDEP SW ROC

|             |                                                             |          |                                                                           |                                                               |                      |                                                                            |                                    |
|-------------|-------------------------------------------------------------|----------|---------------------------------------------------------------------------|---------------------------------------------------------------|----------------------|----------------------------------------------------------------------------|------------------------------------|
| Location    | Field ID/WIN                                                | G1SW0071 | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 09/03/2019 Time 10:50 | Eastern<br>Central   | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)<br>(See pg 2)      |
| Field ID    |                                                             |          | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                               | Diss. Oxygen<br>5.53 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      |
| WIN/STORE   | Site Name: Williams Lake                                    |          | Temp<br>(C) 30.1                                                          | pH 7.43                                                       | Sample Depth 0.3     | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 169.7 |
| Latitude    | <input type="checkbox"/> dms                                |          | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) 0.08                                        | Comments             |                                                                            |                                    |
| Location    | Field ID/WIN                                                | G1SW0030 | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 09/03/2019 Time 10:15 | Eastern<br>Central   | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                    |
| Field ID    |                                                             |          | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                               | Diss. Oxygen<br>4.55 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      |
| WIN/STORE   | Site Name: Lake Armistead Center                            |          | Temp<br>(C) 29.7                                                          | pH 7.21                                                       | Sample Depth 0.3     | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 176.8 |
| Latitude    | <input type="checkbox"/> dms                                |          | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) 0.08                                        | Comments             |                                                                            |                                    |
| Location    | Field ID/WIN                                                | G1SW0001 | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 09/03/2019 Time 11:50 | Eastern<br>Central   | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                    |
| Field ID    |                                                             |          | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                               | Diss. Oxygen<br>3.54 | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      |
| WIN/STORE   | Site Name: Lake Harvey Center                               |          | Temp<br>(C) 29.2                                                          | pH 6.68                                                       | Sample Depth 0.3     | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 152.9 |
| Latitude    | <input type="checkbox"/> dms                                |          | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) 0.07                                        | Comments             |                                                                            |                                    |
| Location    | Field ID                                                    |          | <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         | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)      |
| WIN/STORE # |                                                             |          | Temp<br>(C)                                                               | pH                                                            | Sample Depth         | <input type="checkbox"/> ft<br><input type="checkbox"/> m                  | Sp. Conductance<br>(umho/cm)       |
| Latitude    | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |          | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms   |                      | Salinity<br>(ppt)                                                          | Comments                           |

|                              |                              |                       |                              |              |           |
|------------------------------|------------------------------|-----------------------|------------------------------|--------------|-----------|
| Relinquished By: Sarah Meyer | Date/Time 1700<br>09/03/2019 | Shipping Method FedEx | Number of Coolers Shipped: 1 | Received By: | Date/Time |
|------------------------------|------------------------------|-----------------------|------------------------------|--------------|-----------|

|      |                 |           |      |
|------|-----------------|-----------|------|
| Ref: | Date: 15 May 19 | SHIPPING: | 0.00 |
| Dep: | Wgt: 10.00 LBS  | SPECIAL:  | 0.00 |
|      |                 | HANDLING: | 0.00 |
| DV:  | 0.00            | TOTAL:    | 0.00 |

|          |                                                                                        |         |                 |                             |                                              |
|----------|----------------------------------------------------------------------------------------|---------|-----------------|-----------------------------|----------------------------------------------|
| Group: A | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-TDS<br>W-TSS | P-1L    | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>3</u> |
| Group: A | Bottle Type:<br>CHLSUITE-W                                                             | BP-1L   | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>3</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: 3 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab <u>3</u> |
| Group: A | Bottle Type:<br>W-PO4-F<br>W-SO4-IC-F                                                  | P-125ML | # of Bottles: 3 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab <u>3</u> |