



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / ☒ No

WIN Station Name: Dead River @ 100m from Lake Harris (2187C)

Date: 3/6/2018  
(mm/dd/yyyy)

WIN/ Field ID: G1CE0099

WBID: 2817C

Latitude: 28.81202

(Decimal Degrees)

County: LAKE

ORG ID: 21 FL CEN

Longitude: -81.77062

(Decimal Degrees)

Receiving Body of Water: LAKE EUSTIS

RQ-2018- 02-26-59

| Sampling Team Members                                                        |                                                                                                                                                                              |                 |                  |                 | WQ Measurements                                  | Sample Collection                       | Documentation                             | Preservation                        | Preservation Check                  | Sampling Equipment                                   |                                                    |                               |  |  |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|--------------------------------------------------|-----------------------------------------|-------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------|----------------------------------------------------|-------------------------------|--|--|
| TERRY RIORDAN                                                                |                                                                                                                                                                              |                 |                  |                 | <input checked="" type="checkbox"/>              | <input checked="" type="checkbox"/>     | <input checked="" type="checkbox"/>       | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn                  | <input type="checkbox"/> Pole |  |  |
| LEIF BOMAN                                                                   |                                                                                                                                                                              |                 |                  |                 | <input checked="" type="checkbox"/>              | <input checked="" type="checkbox"/>     | <input checked="" type="checkbox"/>       | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Carboy                      | <input checked="" type="checkbox"/> Syringe        |                               |  |  |
| KALINA WARREN <i>Secchi</i>                                                  |                                                                                                                                                                              |                 |                  |                 | <input checked="" type="checkbox"/>              | <input checked="" type="checkbox"/>     | <input checked="" type="checkbox"/>       | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other                     |                               |  |  |
|                                                                              |                                                                                                                                                                              |                 |                  |                 |                                                  |                                         |                                           |                                     |                                     | Depth Measured with <u>SECCHI DISK LINE</u>          |                                                    |                               |  |  |
|                                                                              |                                                                                                                                                                              |                 |                  |                 |                                                  |                                         |                                           |                                     |                                     | Equipment ID                                         |                                                    |                               |  |  |
|                                                                              |                                                                                                                                                                              |                 |                  |                 |                                                  |                                         |                                           |                                     |                                     | 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 / <u>Normal</u> / High / Flooded               |                                                                                                                                                                              |                 |                  |                 | Meter ID# <u>BETTY/67</u>                        |                                         |                                           |                                     |                                     | Matrix: <u>Fresh</u> / Marine / DI                   |                                                    |                               |  |  |
| Photos: Yes / <input checked="" type="checkbox"/> No                         |                                                                                                                                                                              |                 |                  |                 | Flow: No Flow / Intertidal / <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 (µmhos/cm)                  | Temp. (C°)                                           |                                                    |                               |  |  |
| <u>EST</u>                                                                   | <u>12/4</u>                                                                                                                                                                  | <u>2.1</u>      | <u>0.3</u>       | <u>1.1</u>      | <u>9.20</u>                                      | <u>103.2</u>                            | <u>8.16</u>                               | <u>0.14</u>                         | <u>285</u>                          | <u>20.89</u>                                         |                                                    |                               |  |  |
| <u>CEN</u>                                                                   |                                                                                                                                                                              |                 | <u>1.6</u>       |                 | <u>9.10</u>                                      | <u>101.8</u>                            | <u>8.12</u>                               | <u>0.14</u>                         | <u>285</u>                          | <u>20.77</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 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 | SA7341020                           | 12/07/2018                          | <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  | NA7341010                           | 12/7/2018                           | <input checked="" 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 |                                           | 13615055                            |                                     |                                                      |                                                    |                               |  |  |
| 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-CI-IC / W-COLOR / W-SO4-IC / W-TDS                                                              |                 |                  |                 |                                                  | <input checked="" type="checkbox"/> Ice |                                           |                                     |                                     |                                                      |                                                    |                               |  |  |
| Physical/Aggregate (Marine)                                                  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY                                                                                                                |                 |                  |                 |                                                  | <input type="checkbox"/> Ice            |                                           |                                     |                                     |                                                      |                                                    |                               |  |  |
| Macroinvertebrates                                                           | <input type="checkbox"/> MI-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-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD |                 |                  |                 |                                                  | <input type="checkbox"/> Ice            |                                           |                                     |                                     |                                                      |                                                    |                               |  |  |
| Tracers                                                                      | <input type="checkbox"/> W-SUC-AA-R <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-AHERB-AA                                                                  |                 |                  |                 |                                                  | <input type="checkbox"/> Ice            |                                           |                                     |                                     |                                                      |                                                    |                               |  |  |
| Pesticides                                                                   | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-UHERB-AA <input type="checkbox"/> W-AHERB-AA <input type="checkbox"/> W-CARB-AA                                |                 |                  |                 |                                                  | <input type="checkbox"/> Ice            |                                           |                                     |                                     |                                                      |                                                    |                               |  |  |
|                                                                              | <input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-PYR-AA-R <input type="checkbox"/> W-GLYPH <input type="checkbox"/> W-SUC-AA-R                                 |                 |                  |                 |                                                  | <input type="checkbox"/> Other          |                                           |                                     |                                     |                                                      |                                                    |                               |  |  |

## Notes:

LAUNCH: Tavares Recreational Park or Lake Eustis Marina (both public): 28.81232406 x -81.74690841

Bottle Group A

Signature: [Signature]

WIN ID / Field ID →

Dead River @ 100m  
from Lake Harris (2817C)



G1CE0099

Date: 3-6-18

Enter Field Parameters, Verify Station ID In LIMS DMT: KMM 3/13/18

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

Florida Department of Environmental Protection  
Central Laboratory Submittal Form

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: Terry Rorden

Project ID: SMP

Collected By: Terry Rorden / Leif Boman

Sampling Agency: 21 FLS&amp;EN

| Location  | WIN ID / Field ID →                        | dd | Longitude | dd | Salinity (ppt) | Comments | Temp (C) | pH | Collection (comp begin or grab) Date | Time | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen | mg/L | % sat | Total Res. Chlorine (mg/L) | Bottle Group(s) (See pg 2) |
|-----------|--------------------------------------------|----|-----------|----|----------------|----------|----------|----|--------------------------------------|------|---------------------------------------|--------------|------|-------|----------------------------|----------------------------|
| Field ID  | Dead River @ 100m from Lake Harris (2817C) |    |           |    |                |          |          |    |                                      |      |                                       |              |      |       |                            | A                          |
| WIN/STORE |                                            |    |           |    |                |          |          |    |                                      |      |                                       |              |      |       |                            |                            |
| Latitude  |                                            |    |           |    |                |          |          |    |                                      |      |                                       |              |      |       |                            |                            |
| Location  | WIN ID / Field ID →                        |    |           |    |                |          |          |    |                                      |      |                                       |              |      |       |                            |                            |
| Field ID  | Dead River @ Power Lines (2817C)           |    |           |    |                |          |          |    |                                      |      |                                       |              |      |       |                            | A                          |
| WIN/STORE |                                            |    |           |    |                |          |          |    |                                      |      |                                       |              |      |       |                            |                            |
| Latitude  |                                            |    |           |    |                |          |          |    |                                      |      |                                       |              |      |       |                            |                            |
| Location  | WIN ID / Field ID →                        |    |           |    |                |          |          |    |                                      |      |                                       |              |      |       |                            |                            |
| Field ID  | Dead River @ 50m S of US441 (2817C)        |    |           |    |                |          |          |    |                                      |      |                                       |              |      |       |                            | A                          |
| WIN/STORE |                                            |    |           |    |                |          |          |    |                                      |      |                                       |              |      |       |                            |                            |
| Latitude  |                                            |    |           |    |                |          |          |    |                                      |      |                                       |              |      |       |                            |                            |

| Relinquished By: | Date/Time   | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time     |
|------------------|-------------|-----------------|----------------------------|--------------|---------------|
| Terry Rorden     | 3/6/18 1430 | FedEx           | 2                          | [Signature]  | 03-07-18 1445 |

|          |              |         |                 |               |               |                                     |   |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L    | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 4 |
|          | ALKALINITY   |         |                 |               |               |                                     |   |
|          | TURBIDITY    |         |                 |               |               |                                     |   |
|          | W-CL-IC      |         |                 |               |               |                                     |   |
|          | W-COLOR      |         |                 |               |               |                                     |   |
|          | W-F          |         |                 |               |               |                                     |   |
|          | W-SO4-IC     |         |                 |               |               |                                     |   |
|          | W-TDS        |         |                 |               |               |                                     |   |
|          | W-TSS        |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | BP-1L   | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 4 |
|          | CHLSUITE-W   |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 4 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 4 |
|          | W-ICP        |         |                 |               |               |                                     |   |
|          | W-ICPMS      |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 4 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 4 |
|          | W-NH3        |         |                 |               |               |                                     |   |
|          | W-NO2NO3     |         |                 |               |               |                                     |   |
|          | W-S-A-TP     |         |                 |               |               |                                     |   |
|          | W-TKN        |         |                 |               |               |                                     |   |
|          | W-TOC        |         |                 |               |               |                                     |   |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 4 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 4 |
|          | W-PO4-F      |         |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-1L    | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 2 |
|          | ALKALINITY   |         |                 |               |               |                                     |   |
|          | TURBIDITY    |         |                 |               |               |                                     |   |
|          | W-CL-IC      |         |                 |               |               |                                     |   |
|          | W-COLOR      |         |                 |               |               |                                     |   |
|          | W-F          |         |                 |               |               |                                     |   |
|          | W-SO4-IC     |         |                 |               |               |                                     |   |
|          | W-TDS        |         |                 |               |               |                                     |   |
|          | W-TSS        |         |                 |               |               |                                     |   |
| Group: B | Bottle Type: | P-500ML | # of Bottles: 2 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 2 |
|          | W-ICP        |         |                 |               |               |                                     |   |
|          | W-ICPMS      |         |                 |               |               |                                     |   |

Dead River X4 + D&amp;B

**Customer: CEN-DIST**

**Project ID: SMP**

**Requester:** Michael Linger

Collected By:

Field Report Prepared By:

**Sampling Agency:**

[illegible]

|                                   |                          |                          |                                 |                                                                                                     |                            |
|-----------------------------------|--------------------------|--------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------|
| Relinquished By:<br>Terry Riordan | Date/Time<br>3/6/18 1430 | Shipping Method<br>FedEx | Number of Coolers Shipped:<br>2 | Resolved By:<br> | Date/Time<br>03-07-18 1440 |
|-----------------------------------|--------------------------|--------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------|

| Group: A | Bottle Type: | P-1L    | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------|
|          | ALKALINITY   |         |                 |               |               |                                     |
|          | TURBIDITY    |         |                 |               |               |                                     |
|          | W-CL-IC      |         |                 |               |               |                                     |
|          | W-COLOR      |         |                 |               |               |                                     |
|          | W-F          |         |                 |               |               |                                     |
|          | W-SO4-IC     |         |                 |               |               |                                     |
|          | W-TDS        |         |                 |               |               |                                     |
|          | W-TSS        |         |                 |               |               |                                     |
| Group: A | Bottle Type: | BP-1L   | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |
|          | CHLSUITE-W   |         |                 |               |               |                                     |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 4 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab |
|          | W-ICP        |         |                 |               |               |                                     |
|          | W-ICPMS      |         |                 |               |               |                                     |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 4 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab |
|          | W-NH3        |         |                 |               |               |                                     |
|          | W-NO2NO3     |         |                 |               |               |                                     |
|          | W-S-A-TP     |         |                 |               |               |                                     |
|          | W-TKN        |         |                 |               |               |                                     |
|          | W-TOC        |         |                 |               |               |                                     |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 4 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab |
|          | W-PO4-F      |         |                 |               |               |                                     |
| Group: B | Bottle Type: | P-1L    | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab |
|          | ALKALINITY   |         |                 |               |               |                                     |
|          | TURBIDITY    |         |                 |               |               |                                     |
|          | W-CL-IC      |         |                 |               |               |                                     |
|          | W-COLOR      |         |                 |               |               |                                     |
|          | W-F          |         |                 |               |               |                                     |
|          | W-SO4-IC     |         |                 |               |               |                                     |
|          | W-TDS        |         |                 |               |               |                                     |
|          | W-TSS        |         |                 |               |               |                                     |
| Group: B | Bottle Type: | P-500ML | # of Bottles: 2 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab |
|          | W-ICP        |         |                 |               |               |                                     |
|          | W-ICPMS      |         |                 |               |               |                                     |

\* See previous subm. for

|          |              |         |                 |                             |                                     |   |
|----------|--------------|---------|-----------------|-----------------------------|-------------------------------------|---|
| Group: B | Bottle Type: | P-500ML | # of Bottles: 2 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 2 |
|          | W-NH3        |         |                 |                             |                                     |   |
|          | W-NO2NO3     |         |                 |                             |                                     |   |
|          | W-S-A-TP     |         |                 |                             |                                     |   |
|          | W-TKN        |         |                 |                             |                                     |   |
|          | W-TOC        |         |                 |                             |                                     |   |

|          |              |         |                 |                          |                                     |   |
|----------|--------------|---------|-----------------|--------------------------|-------------------------------------|---|
| Group: B | Bottle Type: | P-125ML | # of Bottles: 2 | Preservative: FILTER-ICE | Enter Number of Bottles Sent to Lab | 2 |
|          | W-PO4-F      |         |                 |                          |                                     |   |

|          |              |         |                 |                             |                                     |          |
|----------|--------------|---------|-----------------|-----------------------------|-------------------------------------|----------|
| Group: B | Bottle Type: | P-500ML | # of Bottles: 2 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | <u>2</u> |
|          | W-NH3        |         |                 |                             |                                     |          |
|          | W-NO2NO3     |         |                 |                             |                                     |          |
|          | W-S-A-TP     |         |                 |                             |                                     |          |
|          | W-TKN        |         |                 |                             |                                     |          |
|          | W-TOC        |         |                 |                             |                                     |          |
| Group: B | Bottle Type: | P-125ML | # of Bottles: 2 | Preservative: FILTER+ICE    | Enter Number of Bottles Sent to Lab | <u>2</u> |
|          | W-PO4-F      |         |                 |                             |                                     |          |