



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
☒ Yes ☐ No

**WIN Station Name:** Lake Alma NW of Center **Date:** 10/19/2021  
**WIN/Field ID:** G2CE0237 **WBID:** 2986D **ENR:** - **Latitude:** 28.718  
**County:** SEMINOLE **Org ID:** 21FLCEN **Longitude:** -81.35  
**Receiving Body of Water:** Middle St. Johns **RQ:** 2021-06-28-16

| Sampling Team Members               |                   | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|-------------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Leif Boman        |                 | x                 |               | x            | x                  |
| <input checked="" type="checkbox"/> | Victoria Schwartz | x               |                   | x             |              |                    |
| <input type="checkbox"/>            |                   |                 |                   |               |              |                    |
| <input type="checkbox"/>            |                   |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                                 |
|------------------------------------------------------|-------------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Carboy                 |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Van Dorn               |
| <input checked="" type="checkbox"/> Syringe          | <input type="checkbox"/> Pole                   |
| Depth measured with: Secchi                          |                                                 |
| Secchi Equipment ID: Knothead                        |                                                 |
| Collection Method                                    |                                                 |
| <input type="checkbox"/> Wading                      | <input checked="" type="checkbox"/> Canoe/Kayak |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor         |
| <input type="checkbox"/> Other _____                 | <input type="checkbox"/> Gasoline Motor         |

|                                                                                                                                                                                                                                                                        |                 |                                |                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------|----------------------------------|
| <b>Water Level:</b> <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> Dry <input type="checkbox"/> Pooled <input type="checkbox"/> Flooded                                                |                 | <b>Meter ID#</b><br>CRAW DADDY |                                  |
| <b>Photos:</b> NO                                                                                                                                                                                                                                                      | <b>Flow:</b> NA | <b>Tide:</b>                   | <b>Tide Times:</b><br>High: Low: |
| <b>Biological Samples Collected:</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> HA <input type="checkbox"/> SCI <input type="checkbox"/> RPS <input type="checkbox"/> Algae ID <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |                 |                                |                                  |
| <b>SBIO ID Numbers:</b>                                                                                                                                                                                                                                                |                 |                                |                                  |
| <b>Notes:</b><br>SUNNY                                                                                                                                                                                                                                                 |                 |                                |                                  |

## Duplicate Sample

|                             |              |                      |              |
|-----------------------------|--------------|----------------------|--------------|
| <b>Time Zone:</b> EST       | <b>Time:</b> | <b>Field ID:</b> N/A | (WIN ID_DUP) |
| <b>WIN DMT Activity ID:</b> |              |                      |              |

## Blank

|                                |              |                           |                       |
|--------------------------------|--------------|---------------------------|-----------------------|
| <b>Time Zone:</b>              | <b>Time:</b> | <b>Field ID:</b>          | (Blank Type_DDDMMYYY) |
| <b>DI Source:</b>              |              | <b>Location:</b>          |                       |
| <b>DI Type:</b>                |              | <b>Equipment ID:</b>      |                       |
| <b>DI Container (Name/ID):</b> |              | <b>DI Container Type:</b> |                       |

LIMS EVENT ID: CEN-DIST-2021-10-20-02 WIN Import ID: 30070  
Enter Field Parameters, Verify Station ID In LIMS DMT: KWM 11/5/21 QC Station ID, Field Parameters In LIMS DMT: EB 11/23/21  
(Initials/Date) (Initials/Date)  
Scan/Save Field Sheets KWM 12/14/21 Migrate Data to WIN: KWM 12/14/21 Verify Data In WIN: \_\_\_\_\_  
(Initials/Date) (Initials/Date) (Initials/Date)



RQ-2021-06-28-16

Customer: WQAP

Project ID: SMP

Collected By: Leif Boman, Victoria Schwartz

Field Report Prepared By: Leif Boman

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G2CE0237

Location: Lake Alma NW of Center

Comments:

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

| Date                                  | Time        | DO (mg/L)                                                                                                                                     | DO (%SAT)                                   | Temp. (C°) | pH                           | Sample Depth (m)                                                                   | Secchi Disk (m)                         | Total Depth (m)                        | Sp COND (µmhos/cm)    | Salinity (PPT) |  |  |
|---------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------|------------------------------|------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|-----------------------|----------------|--|--|
|                                       | 1126<br>EST | 2.58                                                                                                                                          | 31.4                                        | 25.3       | 6.19                         | 0.3                                                                                | 0.7<br><input type="checkbox"/> VOB (S) | 2.1                                    | 105                   | 0.05           |  |  |
| 10/19/2021                            |             |                                                                                                                                               |                                             |            |                              |                                                                                    |                                         |                                        |                       |                |  |  |
|                                       | 1130<br>EST | 0.7                                                                                                                                           | 8.4                                         | 24.4       | 6.09                         | 1.6                                                                                |                                         |                                        | 105.7                 | 0.05           |  |  |
| Parameter Suite                       |             | Parameter Methods                                                                                                                             |                                             |            |                              | Preservation                                                                       |                                         | pH Check                               | # Bottles sent to Lab | Bottle Group   |  |  |
| Preserved Nutrients (P-500ML)         |             | <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* |                                         | <input checked="" type="checkbox"/> <2 | 1                     | A              |  |  |
|                                       |             | Lot #                                                                                                                                         | SA1105060                                   |            | Exp:                         | 4/30/22                                                                            |                                         |                                        |                       |                |  |  |
| Metals (P-500ML)                      |             | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD                                               |                                             |            |                              | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*                        |                                         | <input type="checkbox"/> <2            |                       |                |  |  |
|                                       |             | Lot #                                                                                                                                         |                                             |            | Exp:                         |                                                                                    |                                         |                                        |                       |                |  |  |
| Filtered Nutrients (P125ML)           |             | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                 |                                             |            |                              | <input checked="" type="checkbox"/> Ice                                            |                                         |                                        | 1                     | A              |  |  |
|                                       |             | Filter Lot #                                                                                                                                  | 17135566                                    |            |                              |                                                                                    |                                         |                                        |                       |                |  |  |
|                                       |             | Syringe Lot #                                                                                                                                 | 1112035                                     |            |                              |                                                                                    |                                         |                                        |                       |                |  |  |
| Chlorophyll (BP-1L)                   |             | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                |                                             |            |                              | <input checked="" type="checkbox"/> Ice                                            |                                         |                                        | 1                     | A              |  |  |
| Physical/Aggregate (Fresh) (P-1L)     |             | <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                                            |                                         |                                        | 1                     | A              |  |  |
| Physical/Aggregate (Marine) (P-1L)    |             | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                       |                                             |            |                              | <input type="checkbox"/> Ice                                                       |                                         |                                        |                       |                |  |  |
| Macroinvertebrates (PJ-2L)            |             | <input type="checkbox"/> MI-FW-QLDC                                                                                                           | Formalin Lot #                              |            |                              | <input type="checkbox"/> Formalin                                                  |                                         |                                        |                       |                |  |  |
| Periphyton (PT-50ML)                  |             | <input type="checkbox"/> ALGAE-ID                                                                                                             |                                             |            |                              | <input type="checkbox"/> Ice                                                       |                                         |                                        |                       |                |  |  |
| Microbiology (Contract Lab Bottle)    |             | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab |                                             |            |                              | <input type="checkbox"/> Ice                                                       |                                         |                                        |                       |                |  |  |
| Molecular (QPCR-P-500ML)              |             | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3                                         |                                             |            |                              | <input type="checkbox"/> Ice                                                       |                                         |                                        |                       |                |  |  |
|                                       |             | <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/>                                                  |                                             |            |                              | <input type="checkbox"/> Ice                                                       |                                         |                                        |                       |                |  |  |
| Tracers (BG-500ML)                    |             | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                       |                                             |            |                              | <input type="checkbox"/> Ice                                                       |                                         |                                        |                       |                |  |  |
| Pesticides (BG-500ML) (BG-1L)         |             | W-E8321-DI                                                                                                                                    | WE8321-MS                                   | W-PSNP-TQ  | W-CT-CL-R                    | <input type="checkbox"/> Ice                                                       |                                         |                                        |                       |                |  |  |
| Phytoplankton/Periphyton              |             | W-PCL-TQ-R                                                                                                                                    | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |            |                              | <input type="checkbox"/> Ice                                                       |                                         |                                        |                       |                |  |  |
|                                       |             |                                                                                                                                               |                                             | DTY-QN-C   |                              | <input type="checkbox"/> Ice                                                       |                                         |                                        |                       |                |  |  |
|                                       |             |                                                                                                                                               |                                             | PKD-QN-BV  |                              |                                                                                    |                                         |                                        |                       |                |  |  |
| Name: Leif Boman<br>Victoria Schwartz |             |                                                                                                                                               |                                             |            | Signature: Victoria Schwartz |                                                                                    |                                         |                                        | Date: 10/19/21        |                |  |  |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution