



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

Meter Passed End

of Day CCV

Yes / No

WIN Station Name: Lake Norris S of Center

Date: 9/16/2021

WIN/Field ID: G2CE0239

WBID: 2929B

ENR: -

Latitude: 28.9345

County: LAKE

Org ID: 21FLCEN

Longitude: -81.55

Receiving Body of Water: Middle St. Johns

RQ: 2021-09-13-29

| Sampling Team Members               |               | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|---------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Terry Riordan |                 | x                 |               | x            | x                  |
| <input checked="" type="checkbox"/> | Leif Boman    | 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 type="checkbox"/> Syringe                     | <input type="checkbox"/> Pole                      |
| Depth measured with: Secchi                          |                                                    |
| Secchi Equipment ID: Light                           |                                                    |
| 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: <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 |  |                                          |                             |                              |                              | Meter ID# CRAW DADDY              |                                                                  |
| Photos: NO                                                                                                                                                                                                       |  | Flow: NA                                 |                             | Tide:                        |                              | Tide Times: High: Low:            |                                                                  |
| Biological Samples Collected:                                                                                                                                                                                    |  | <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: |
| SBIO ID Numbers:                                                                                                                                                                                                 |  |                                          |                             |                              |                              |                                   |                                                                  |
| Notes:<br>HIGH 70S CLOUDY                                                                                                                                                                                        |  |                                          |                             |                              |                              |                                   |                                                                  |

## Duplicate Sample

|                      |       |           |              |
|----------------------|-------|-----------|--------------|
| Time Zone: EST       | Time: | Field ID: | (WIN ID_DUP) |
| WIN DMT Activity ID: |       |           |              |

## Blank

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

LIMS EVENT ID: CEN-DIST-2021-09-17-03

WIN Import ID: 29449

Enter Field Parameters, Verify Station ID In LIMS DMT: KWM 10/12/21

QC Station ID, Field Parameters In LIMS DMT: EB 10/21/21

(Initials/Date)

(Initials/Date)

Scan/Save Field Sheets KWM 11/5/21

(Initials/Date)

Migrate Data to WIN: KWM 11/5/21

(Initials/Date)

Verify Data In WIN:

(Initials/Date)



RQ-2021-09-13-29

Customer: WQAP

Project ID: SMP

Collected By: Terry Riordan, Leif Boman

Field Report Prepared By: Terry Riordan

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G2CE0239

Location: Lake Norris S 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 <sub>h</sub> ) |  |  |
|------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------|------------|------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|-----------------------|------------------------------|--|--|
|                                    | 1113<br>EST | 6.26                                                                                                                                          | 81.7                                        | 29.4       | 6.86       | 0.3                                                                                | 0.4<br><input type="checkbox"/> VOB (S) | 3.4                                    | 145.7                 | 0.07                         |  |  |
| 9/16/2021                          | 1116        | 5.6                                                                                                                                           | 72.4                                        | 28.6       | 6.73       | 2.0                                                                                |                                         |                                        | 145.8                 | 0.07                         |  |  |
|                                    | 1119<br>EST | 5.22                                                                                                                                          | 66.7                                        | 28.1       | 6.5        | 2.9                                                                                |                                         |                                        | 146.1                 | 0.07                         |  |  |
| 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:       | 04/30/22                                                                           |                                         |                                        |                       |                              |  |  |
| 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: Terry Riordan<br>Leif Boman  |             |                                                                                                                                               |                                             |            | Signature: |                                                                                    |                                         |                                        | Date: 09/16/2021      |                              |  |  |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution