



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## HURRICANE IAN FIELD SHEET

January 2022

Meter Passed End

of Day CCV

☒ Yes / ☐ No

WIN Station Name: ST JOHNS RIVER AT HWY 40 NEAR ASTOR

Date: 12/5/2022

WIN/Field ID: 3515

WBID: 2893Z

ENR: -

Latitude: 29.16642

County: LAKE

Org ID: 21FLCEN

Longitude: -81.5227

Receiving Body of Water: Lake George

RQ: 2022-11-21-14

| Sampling Team Members               |                 | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|-----------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Matt Bearden    | x               | x                 | x             | x            | x                  |
| <input checked="" type="checkbox"/> | Jessie Atchison | x               | x                 | x             | 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: Sonar                           |                                                    |
| Secchi 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: <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# SHRIMP TRAP             |                                                                  |
| Photos: YES                                                                                                                                                                                                      | Flow: FLOW |                                          |                             | Tide: N/A                    |                              | 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>UNABLE TO GET ACCURATE BOTTOM READING DUE TO SWIFT CURRENT                                                                                                                                             |            |                                          |                             |                              |                              |                                   |                                                                  |

### Duplicate Sample

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

### Blank

|                         |                     |                       |                       |
|-------------------------|---------------------|-----------------------|-----------------------|
| Time Zone: EST          | Time: 1320          | Field ID: FB_12052022 | (Blank Type_DDMMYYYY) |
| DI Source: Lab sink     | Location: Boat ramp |                       |                       |
| DI Type: Field Blank    | Equipment ID:       |                       |                       |
| DI Container (Name/ID): |                     | DI Container Type: 6  |                       |

|                                                                     |                                                          |
|---------------------------------------------------------------------|----------------------------------------------------------|
| LIMS EVENT ID: WQAP-2022-12-06-02                                   | WIN Import ID: 37575                                     |
| Enter Field Parameters, Verify Station ID In LIMS DMT: KWM 12/16/22 | QC Station ID, Field Parameters In LIMS DMT: VLS 1/10/23 |
| (Initials/Date)                                                     | (Initials/Date)                                          |
| Scan/Save Field Sheets KWM 1/13/23                                  | Migrate Data to WIN: KWM 1/13/23                         |
| (Initials/Date)                                                     | (Initials/Date)                                          |
| Verify Data In WIN:                                                 |                                                          |
| (Initials/Date)                                                     |                                                          |



RQ-2022-11-21-14  
Customer: CEN-DIST  
Project ID: HURRICANE IAN

Collected By: Matt Bearden, Jessie Atchison  
Field Report Prepared By: Matt Bearden  
Sampling Agency: FDEP

| Place Label Here<br><br>WIN ID/Field ID: <br>3515<br>Location: ST JOHNS RIVER AT HWY 40 NEAR ASTOR |             |                                                                                                                                                                                                                                                              |           |                                                                                                 |                                    | Comments:                                                                               |                                                   |                                        |                       |                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------|-----------------------|------------------------------|
| Matrix: Fresh                                                                                                                                                                       |             |                                                                                                                                                                                                                                                              |           |                                                                                                 |                                    | (Check one) <input checked="" type="checkbox"/> GRAB <input type="checkbox"/> 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> ) |
|                                                                                                                                                                                     | 1305<br>EST | 3.16                                                                                                                                                                                                                                                         | 35.7      | 21.2                                                                                            | 6.58                               | 0.3                                                                                     | 0.6<br><input type="checkbox"/> VOB (S)           | 7.9                                    | 413.8                 | 0.2                          |
| 12/5/2022                                                                                                                                                                           |             |                                                                                                                                                                                                                                                              |           |                                                                                                 |                                    |                                                                                         | Central Lab please use top row for login purposes |                                        |                       |                              |
|                                                                                                                                                                                     | 1310<br>EST | 3.06                                                                                                                                                                                                                                                         | 34.5      | 21.1                                                                                            | 6.55                               | 3.5                                                                                     |                                                   |                                        |                       | 414.1                        |
| Parameter Suite                                                                                                                                                                     |             | Parameter Methods                                                                                                                                                                                                                                            |           |                                                                                                 |                                    | Preservation                                                                            |                                                   | pH Check                               | # Bottles sent to Lab | Bottle Group                 |
| Preserved Nutrients (P-500ML)                                                                                                                                                       |             | <input 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 #                                                                                                                                                                                                                                                        | SA2229010 |                                                                                                 | Exp:                               | 08/30/2023                                                                              |                                                   |                                        |                       |                              |
| Metals (P-500ML)                                                                                                                                                                    |             | <input checked="" type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input checked="" type="checkbox"/> W-HARD                                                                                                                                        |           |                                                                                                 |                                    | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*                             |                                                   | <input type="checkbox"/> <2            |                       |                              |
|                                                                                                                                                                                     |             | Lot #                                                                                                                                                                                                                                                        | NA1105100 |                                                                                                 | Exp:                               | 06/07/2023                                                                              |                                                   |                                        |                       |                              |
| Filtered Nutrients (P125ML)                                                                                                                                                         |             | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                      |           |                                                                                                 |                                    | <input type="checkbox"/> Ice                                                            |                                                   |                                        |                       |                              |
|                                                                                                                                                                                     |             | Filter Lot #                                                                                                                                                                                                                                                 |           |                                                                                                 |                                    | Syringe Lot#                                                                            |                                                   |                                        |                       |                              |
| Biochemical Oxygen Demand (BP-1L)                                                                                                                                                   |             | BODTEST OV-BODUNIN                                                                                                                                                                                                                                           |           |                                                                                                 |                                    | <input type="checkbox"/> ICE                                                            |                                                   |                                        |                       |                              |
| 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-CI-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-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 checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab                                                                                                     |           |                                                                                                 |                                    | <input checked="" type="checkbox"/> Ice                                                 |                                                   |                                        | 1                     | A                            |
| Molecular (QPCR-P-500ML)                                                                                                                                                            |             | <input checked="" type="checkbox"/> PCR-HF183 <input checked="" type="checkbox"/> PCR-BacR <input checked="" type="checkbox"/> PCR-DG3<br><input checked="" type="checkbox"/> PCR-GULL2 <input checked="" type="checkbox"/> PCR-GFD <input type="checkbox"/> |           |                                                                                                 |                                    | <input checked="" type="checkbox"/> Ice                                                 |                                                   |                                        | 1                     | A                            |
| Tracers (BG-500ML)                                                                                                                                                                  |             | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS                                                                                                                                                                |           |                                                                                                 |                                    | <input checked="" type="checkbox"/> Ice                                                 |                                                   | MCAA Exp. Date                         | 1                     | A                            |
| Pesticides (BG-500ML) (BG-1L)                                                                                                                                                       |             | <input type="checkbox"/> W-E8321-DI                                                                                                                                                                                                                          |           | <input type="checkbox"/> WE8321-MS                                                              | <input type="checkbox"/> W-PSNP-TQ | <input type="checkbox"/> W-CT-CI-R                                                      |                                                   | MCAA Lot#                              |                       |                              |
|                                                                                                                                                                                     |             | <input type="checkbox"/> W-PCB-TQ-R                                                                                                                                                                                                                          |           | <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution)                             |                                    |                                                                                         | <input type="checkbox"/> W-TR-SQ-R                |                                        |                       |                              |
| Phytoplankton/Periphyton                                                                                                                                                            |             | <input type="checkbox"/> DTY-QN-C                                                                                                                                                                                                                            |           | <input type="checkbox"/> PKD-QN-BV                                                              |                                    | <input type="checkbox"/> Ice                                                            |                                                   |                                        |                       |                              |
| Name: Matt Bearden<br>Jessie Atchison                                                                                                                                               |             |                                                                                                                                                                                                                                                              |           | Signature:  |                                    |                                                                                         |                                                   | Date: 12/05/2022                       |                       |                              |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



RQ- 2022-11-21-14

Collected By: Matt Bearden, Jessie Atchison

Customer: WQAP

Field Report Prepared By: Matt Bearden, Jessie Atchison

Project ID: SMP

Sampling Agency: FDEP

## BLANK



Field ID: FB 12052022

Comments:

Matrix: Field Blank

(Check one) ☐ COMPOSITE ☒ GRAB

Date

Time

DI Source: Lab sink

12/5/2022

1320

EST

| Parameter Suite                          | Parameter Methods                                                                                                                            | Preservation                                                                      | pH Check                    | # Bottles sent to Lab | Bottle Group |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------|-----------------------|--------------|
| Preserved Nutrients<br>(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 type="checkbox"/> <2 | 1                     | B            |
|                                          | Lot # SA2229010 Exp: 8/30/23                                                                                                                 |                                                                                   |                             |                       |              |
| Metals<br>(P-500ML)                      | <input checked="" type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                   | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        | <input type="checkbox"/> <2 | 1                     | B            |
|                                          | Lot # NA1105100 Exp: 6/7/23                                                                                                                  |                                                                                   |                             |                       |              |
| Filtered Nutrients<br>(P125ML)           | <input type="checkbox"/> W-PO4-F Filter <input type="checkbox"/> Field Filtered 0.45 µm                                                      | <input type="checkbox"/> Ice                                                      |                             |                       |              |
|                                          | Filter Lot #                                                                                                                                 |                                                                                   |                             |                       |              |
|                                          | Syringe Lot #                                                                                                                                |                                                                                   |                             |                       |              |
| Physical/Aggregate (Fresh)<br>(P-1L)     | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-IC / TDS                         | <input checked="" type="checkbox"/> Ice                                           |                             | 1                     | B            |
| Physical/Aggregate (Marine)<br>(P-1L)    | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                      | <input type="checkbox"/> Ice                                                      |                             |                       |              |
| Tracers<br>(BG-500ML)                    | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS                                                | <input checked="" type="checkbox"/> Ice                                           | MCAA Exp. Date              | 1                     | B            |
| Pesticides<br>(BG-500ML) (BG-1L)         | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CI-R | <input type="checkbox"/> Ice                                                      | MCAA Lot#                   |                       |              |
|                                          | <input type="checkbox"/> W-PCL-TQ-R <input type="checkbox"/> W-CARB-AA <input type="checkbox"/> W-TR-SQ-R                                    |                                                                                   |                             |                       |              |
|                                          | <input type="checkbox"/> W-PCB-TQ-R (5 ml of MCAA** Buffer Solution)                                                                         |                                                                                   |                             |                       |              |
| Name:<br>Matt Bearden<br>Jessie Atchison |                                                                                                                                              | Signature:<br>                                                                    |                             | Date:<br>12/05/2022   |              |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution