



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV

Yes

No

WIN Station Name: Halifax River @ 250m N Of Bethune Point Park Boat Ramp

Date: 9/9/2020

WIN/Field ID: G5CE0108

WBID: 2363A

ENR:

Latitude: 29.2023

County: VOLUSIA

Org ID: 21FLCEN

Longitude: -81.0074

Receiving Body of Water: Upper East Coast

RQ- 2020-09-07-41

| Sampling Team Members               |                 | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|-----------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Elizabeth Bates | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Terry Riordan   |                 | 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 checked="" 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# SHRIMP TRAP  |  |  |  |  |  |  |  |
| Photos: NO                                                                                                                                                                                                                                                      |  | 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:                                                                                                                                                                                                                                                          |  |            |  |           |  |                        |  |  |  |  |  |  |  |

## Duplicate Sample

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

## Blank

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

|                                                                    |                                                         |
|--------------------------------------------------------------------|---------------------------------------------------------|
| LIMS EVENT ID: CEN-DIST-2020-09-10-01                              | WIN Import ID: 22293                                    |
| Enter Field Parameters, Verify Station ID In LIMS DMT: KWM 9/15/20 | QC Station ID, Field Parameters In LIMS DMT: TR 9/15/20 |
| (Initials/Date)                                                    | (Initials/Date)                                         |
| Scan/Save Field Sheets KWM 10/7/20                                 | Migrate Data to WIN: KWM 10/7/20                        |
| (Initials/Date)                                                    | (Initials/Date)                                         |
| Verify Data In WIN:                                                | (Initials/Date)                                         |



RQ-2020-09-07-41

Customer: WQAP

Project ID: SMP

Collected By: Elizabeth Bates, Terry Riordan

Field Report Prepared By: Elizabeth Bates

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G5CE0108

Location: Halifax River @ 250m N Of Bethune Point  
Park Boat Ramp

Comments:

Matrix: Marine

(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 (PPTH) |
|----------|--------------|-----------|-----------|------------|------|------------------|-----------------------------------------|-----------------|--------------------|-----------------|
| 9/9/2020 | 11:26<br>EST | 4.71      | 65.7      | 30.1       | 7.64 | 0.312            | 0.6<br><input type="checkbox"/> VOB (S) | 1.9             | 15598              | 9.04            |

Central Lab please use top row for login purposes

|  |              |      |      |      |      |     |  |  |       |       |
|--|--------------|------|------|------|------|-----|--|--|-------|-------|
|  | 11:30<br>EST | 4.91 | 69.9 | 30.4 | 7.71 | 1.4 |  |  | 20227 | 11.99 |
|--|--------------|------|------|------|------|-----|--|--|-------|-------|

| 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<br>Lot # SA9354050 Exp: 12/20/2020                                                                                                                                       | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4* | <input checked="" type="checkbox"/> <2 | 1                     | A            |
| Metals (P-500ML)                   | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD<br>Lot # NA9301040 Exp: 10/28/2020                                                                                                 | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3*  | <input checked="" type="checkbox"/> <2 | 1                     | A            |
| Filtered Nutrients (P125ML)        | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # 16930280<br>Syringe Lot # 9149785                                                                                          | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Chlorophyll (BP-1L)                | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                           | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Physical/Aggregate (Fresh) (P-1L)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                     | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Physical/Aggregate (Marine) (P-1L) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                       | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Macroinvertebrates (PJ-2L)         | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                      | <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 checked="" type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab                                                                                                 | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Molecular (QPCR-P-500ML)           | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD                                                                             | <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)      | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA ( 5 ml of MCAA** Buffer Solution) | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
|                                    |                                                                                                                                                                                                                                                          | <input type="checkbox"/> Ice                                                       |                                        |                       |              |

Name:  
Elizabeth Bates  
Terry Riordan

Signature:

Date:

09/09/2020

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution