



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PLAN FIELD SHEET

January 2022

Meter Passed End  
of Day CCV  
Yes / **No**

**WIN Station Name:** Turnbull Bay @ 640m S of Divito Park

**Date:** 1/19/2022

**WIN/Field ID:** G5CE0100

**WBID:** 2678

**ENR:** ENRS1

**Latitude:** 29.0756

**County:** VOLUSIA

**Org ID:** 21FLCEN

**Longitude:** -80.97

**Receiving Body of Water:** Upper East Coast

**RQ:** 2022-01-17-23

| 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: Knothead                        |                                                    |
| 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 |

|                                                                                                                                                                                                                                                                        |  |                 |  |                      |  |                                      |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--|----------------------|--|--------------------------------------|--|--|--|--|--|--|--|
| <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> YES                                                                                                                                                                                                                                                     |  | <b>Flow:</b> NA |  | <b>Tide:</b> FALLING |  | <b>Tide Times:</b><br>High: 912 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> DO Failed CCV*                                                                                                                                                                                                                                           |  |                 |  |                      |  |                                      |  |  |  |  |  |  |  |

## Duplicate Sample

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

## Blank

|                                   |                   |                                  |                      |
|-----------------------------------|-------------------|----------------------------------|----------------------|
| <b>Time Zone:</b> EST             | <b>Time:</b> 1215 | <b>Field ID:</b> FB_01192022     | (Blank Type_DDMYYYY) |
| <b>DI Source:</b> Lab             |                   | <b>Location:</b> Lab sink        |                      |
| <b>DI Type:</b> Field Blank       |                   | <b>Equipment ID:</b>             |                      |
| <b>DI Container (Name/ID):</b> #8 |                   | <b>DI Container Type:</b> Carboy |                      |

|                                                                          |  |                                                                 |  |
|--------------------------------------------------------------------------|--|-----------------------------------------------------------------|--|
| <b>LIMS EVENT ID:</b> CEN-DIST-2022-01-20-02                             |  | <b>WIN Import ID:</b> 31552                                     |  |
| <b>Enter Field Parameters, Verify Station ID In LIMS DMT:</b> EB 1/26/22 |  | <b>QC Station ID, Field Parameters In LIMS DMT:</b> KWM 2/11/22 |  |
| (Initials/Date)                                                          |  | (Initials/Date)                                                 |  |
| <b>Scan/Save Field Sheets:</b> KWM 3/11/22                               |  | <b>Migrate Data to WIN:</b> KWM 3/11/22                         |  |
| (Initials/Date)                                                          |  | <b>Verify Data In WIN:</b>                                      |  |
| (Initials/Date)                                                          |  | (Initials/Date)                                                 |  |



RQ-2022-01-17-23

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:



G5CE0100

Location: Turnbull Bay @ 640m S of Divito Park

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 (PPT <sub>h</sub> ) |  |  |  |  |  |
|----------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|------------|------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------|-----------------------|------------------------------|--|--|--|--|--|
|                                        | 1200<br>EST | 9.39                                                                                                                                         | 110.7          | 15.5       | 7.78       | 0.3                                                                                | 1.5<br><input checked="" type="checkbox"/> VOB (S) | 1.5                                    | 41621                 | 26.73                        |  |  |  |  |  |
| 1/19/2022                              |             |                                                                                                                                              |                |            |            |                                                                                    | Central Lab please use top row for login purposes  |                                        |                       |                              |  |  |  |  |  |
|                                        | 1205<br>EST | 9.41                                                                                                                                         | 112.3          | 15.6       | 7.8        | 1                                                                                  |                                                    |                                        | 43842                 | 28.32                        |  |  |  |  |  |
| 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                     | B                            |  |  |  |  |  |
|                                        |             | Lot #                                                                                                                                        | SA1105060      |            | Exp:       | 4/30/22                                                                            |                                                    |                                        |                       |                              |  |  |  |  |  |
| Metals (P-500ML)                       |             | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD                        |                |            |            | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3*  |                                                    | <input checked="" type="checkbox"/> <2 | 1                     | B                            |  |  |  |  |  |
|                                        |             | Lot #                                                                                                                                        | NA1105100      |            | Exp:       | 6/7/22                                                                             |                                                    |                                        |                       |                              |  |  |  |  |  |
| 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                     | B                            |  |  |  |  |  |
|                                        |             | Filter Lot #                                                                                                                                 |                | 17135566   |            | Syringe Lot#                                                                       |                                                    | 1335260                                |                       |                              |  |  |  |  |  |
| Biochemical Oxygen Demand (BP-1L)      |             | BODTEST                                                                                                                                      | OV-BODUNIN     |            |            | ICE                                                                                |                                                    |                                        |                       |                              |  |  |  |  |  |
| Chlorophyll (BP-1L)                    |             | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                               |                |            |            | <input checked="" type="checkbox"/> Ice                                            |                                                    |                                        | 1                     | B                            |  |  |  |  |  |
| Physical/Aggregate (Fresh) (P-1L)      |             | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-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                     | B                            |  |  |  |  |  |
| 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 checked="" type="checkbox"/> Enterococci                              |                |            |            | <input checked="" type="checkbox"/> Ice                                            |                                                    |                                        | 1                     | B                            |  |  |  |  |  |
| Molecular (QPCR-P-500ML)               |             | <input checked="" type="checkbox"/> PCR-HF183 <input checked="" type="checkbox"/> PCR-BacR <input checked="" type="checkbox"/> PCR-DG3       |                |            |            | <input checked="" type="checkbox"/> Ice                                            |                                                    |                                        | 1                     | B                            |  |  |  |  |  |
|                                        |             | <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/> PCR-DG3                                         |                |            |            | <input checked="" type="checkbox"/> Ice                                            |                                                    |                                        |                       |                              |  |  |  |  |  |
| 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                     | B                            |  |  |  |  |  |
| 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 |                |            |            | <input type="checkbox"/> Ice                                                       |                                                    | 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"/> W-PCB-TQ-R <input type="checkbox"/> PKD-QN-BV                                                                       |                |            |            | <input type="checkbox"/> Ice                                                       |                                                    |                                        |                       |                              |  |  |  |  |  |
| Name: Elizabeth Bates<br>Terry Riordan |             |                                                                                                                                              |                |            | Signature: |                                                                                    |                                                    |                                        | Date: 1/19/22         |                              |  |  |  |  |  |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



RQ- 2022-01-17-23

Collected By: Elizabeth Bates, Terry Riordan

Customer: WQAP

Field Report Prepared By: Elizabeth Bates, Terry Riordan

Project ID: SMP

Sampling Agency: FDEP

BLANK



Field ID: FB 01192022

Comments:

Matrix: Field Blank

(Check one) ☐ COMPOSITE ☒ GRAB

Date

Time

DI Source: Lab

1/19/2022

1215

EST

| 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 type="checkbox"/> <2            | 1                     | C            |
|                                        | Lot # SA1105060 Exp: 4/30/22                                                                                                                 |                                                                                   |                                        |                       |              |
| Metals (P-500ML)                       | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP                                                        | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | <input checked="" type="checkbox"/> <2 | 1                     | C            |
|                                        | Lot # NA1105100 Exp: 6/7/22                                                                                                                  |                                                                                   |                                        |                       |              |
| Filtered Nutrients (P125ML)            | <input checked="" type="checkbox"/> W-PO4-F Filter <input checked="" type="checkbox"/> Field Filtered 0.45 µm                                | <input checked="" type="checkbox"/> Ice                                           |                                        | 1                     | C            |
|                                        | Filter Lot # 17135566                                                                                                                        |                                                                                   |                                        |                       |              |
|                                        | Syringe Lot # 1335260                                                                                                                        |                                                                                   |                                        |                       |              |
| Physical/Aggregate (Fresh) (P-1L)      | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-IC / 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                     | C            |
| 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                     | C            |
| 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 | <input type="checkbox"/> Ice                                                      | MCAA Lot#                              |                       |              |
|                                        | <input type="checkbox"/> W-PCL-TQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution) <input type="checkbox"/> W-TR-SQ-R   |                                                                                   |                                        |                       |              |
| Name: Elizabeth Bates<br>Terry Riordan |                                                                                                                                              | Signature:                                                                        |                                        | Date: 1/19/22         |              |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution