



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## STRATEGIC MONITORING PLAN FIELD SHEET

January 2022

Meter Passed End

of Day CCV

Yes / No

WIN Station Name: St.Augustine Inlet SE of Vilano Bt.Rmp.

Date: 4/12/2022

WIN/Field ID: G5NE0587

WBID: 2363H

ENR: ENRT2

Latitude: 29.90694

County: ST. JOHNS

Org ID: 21FLA

Longitude: -81.29893

Receiving Body of Water: Upper East Coast

RQ- 2022-03-28-14

| Sampling Team Members               |                 | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-------------------------------------|-----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | Jeremy Parrish  | <input checked="" type="checkbox"/> |                                     | <input checked="" type="checkbox"/> |                                     |                                     |
| <input checked="" type="checkbox"/> | Vincent McClure |                                     | <input checked="" type="checkbox"/> |                                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <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 checked="" 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# BRUCE |                                 |
| Photos: NO                                                                                                                                                                                                                                                      | Flow: FLOW | Tide: FALLING   | Tide Times: High: 600 Low: 1200 |
| 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: Field ID: N/A | (WIN ID_DUP)          |
| WIN DMT Activity ID:               |                       |
| Blank                              |                       |
| Time Zone: Time: Field ID:         | (Blank Type_DDMMYYYY) |
| DI Source: Location:               |                       |
| DI Type: Equipment ID:             |                       |
| DI Container (Name/ID):            | DI Container Type:    |

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets Migrate Data to WIN: Verify Data In WIN:



RQ-2022-03-28-14  
Customer: NE-DIST  
Project ID: STRATEGIC MONITORING PLAN

Collected By: Jeremy Parrish, Vincent McClure  
Field Report Prepared By: Jeremy Parrish  
Sampling Agency: FDEP

| Place Label Here<br><br>WIN ID/Field ID: <b>G5NE0587</b><br>Location: St. Augustine Inlet SE of Vilano Bt.Rmp. |             |                                                                                                                                                                                                                                                                                                                                  |           |            |      | Comments: Microbiology sample(s) submitted to contract laboratory.                              |                                                   |                                        |                       |                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------|-------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------|-----------------------|------------------------------|
| Matrix: Marine                                                                                                                                                                                  |             |                                                                                                                                                                                                                                                                                                                                  |           |            |      | (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> ) |
| 4/12/2022                                                                                                                                                                                       | 1000<br>EST | 6.94                                                                                                                                                                                                                                                                                                                             | 96.6      | 21.3       | 7.98 | 0.3                                                                                             | 1.4<br><input type="checkbox"/> VOB (S)           | 9.7                                    | 54102                 | 35.83                        |
|                                                                                                                                                                                                 | 1005<br>EST | 7.01                                                                                                                                                                                                                                                                                                                             | 97.6      | 21.3       | 8.02 | 8                                                                                               | Central Lab please use top row for login purposes |                                        | 54069                 | 35.81                        |
| 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 # Na1105060 Exp: 4/30/22                                                                                                                                                                                                                  |           |            |      | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4*<br>4/30/22   |                                                   | <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 # Na1105100 Exp: 6/7/22                                                                                                                                                                             |           |            |      | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3*<br>6/7/22     |                                                   | <input checked="" type="checkbox"/> <2 | 1                     | A                            |
| Filtered Nutrients (P125ML)                                                                                                                                                                     |             | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot #                                                                                                                                                                                                                          |           |            |      | <input type="checkbox"/> Ice<br>Syringe Lot #                                                   |                                                   |                                        |                       |                              |
| BOD (BP-1L)                                                                                                                                                                                     |             | <input type="checkbox"/> 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"/> TDS<br>Alkalinity / W-F / W-TSS / TURBIDITY / W-CLIC / W-COLOR / W-SO4-IC / W-                                                                                                                                                                                                               |           |            |      | <input checked="" 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                                                                                                                                                                                                                                                                                              |           |            |      | Formalin                                                                                        |                                                   |                                        |                       |                              |
| Periphyton (PT-50ML)                                                                                                                                                                            |             | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                                                                |           |            |      | <input type="checkbox"/> Ice                                                                    |                                                   |                                        |                       |                              |
| Microbiology (Contract Lab Bottle)                                                                                                                                                              |             | <input type="checkbox"/> Coli <input type="checkbox"/> Coli <input checked="" type="checkbox"/> Enterococci<br><input checked="" 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                                                                    |                                                   | MCAA Exp.                              |                       |                              |
| 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-TQ-R <input type="checkbox"/> W-CAR-BA (5 ml of MCAA** Buffer Solution) <input type="checkbox"/> W-TR-SQ-R<br><input type="checkbox"/> W-PCB-TQ-R |           |            |      | <input type="checkbox"/> Ice                                                                    |                                                   | MCAA Lot#                              |                       |                              |
| Phytoplankton/Periphyton                                                                                                                                                                        |             | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                                                                                                                                                                                                                                              |           |            |      | <input type="checkbox"/> Ice                                                                    |                                                   |                                        |                       |                              |
| Name: Jeremy Parrish<br>Vincent McClure                                                                                                                                                         |             |                                                                                                                                                                                                                                                                                                                                  |           |            |      | Signature:  |                                                   |                                        | Date: 04/12/2022      |                              |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution