



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV

Yes / No

WIN Station Name: St. Marys at Tracy Ferry Bt. Rmp.

Date: 02-19-2020

(mm/dd/yyyy)

WIN/ Field ID: G4NE0296

WBID: 2097E

Latitude: 30.7834505

(Decimal Degrees)

County: Nassau

ORG ID: 21 FLA

Longitude: -82.0237129

Receiving Body of Water: Atlantic Ocean

RQ-2020- 02-17-12

| Sampling Team Members | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-----------------------|-----------------|-------------------|---------------|--------------|--------------------|
| Amy Kalmbacher        |                 |                   |               |              |                    |
| Kelly McDonald        |                 |                   |               |              |                    |
|                       |                 |                   |               |              |                    |
|                       |                 |                   |               |              |                    |
|                       |                 |                   |               |              |                    |

| Sampling Equipment                                    |                                          |
|-------------------------------------------------------|------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container  | <input type="checkbox"/> Van Dorn        |
| <input type="checkbox"/> Syringe                      | <input checked="" type="checkbox"/> Pole |
| <input type="checkbox"/> Dipper                       | <input type="checkbox"/> Other           |
| Depth Measured with <u>USI</u>                        |                                          |
| Equipment ID <u>02110 K.T. #44</u>                    |                                          |
| Collection Method                                     |                                          |
| <input type="checkbox"/> Wading                       | <input type="checkbox"/> Canoe/Kayak     |
| <input type="checkbox"/> From Shore                   | <input type="checkbox"/> Electric Motor  |
| <input checked="" type="checkbox"/> Other <u>dock</u> | <input type="checkbox"/> Gasoline Motor  |

|                                                                              |                                     |                                         |                      |
|------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------|----------------------|
| Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded               |                                     | Meter ID# <u>PRO DSS DESI</u>           |                      |
| Photos: Yes / <u>No</u>                                                      | Flow: No Flow / <u>Flowing</u> / NA | Tide: Rising/ Falling/ Slack/ <u>NA</u> | Tide Times: High Low |
| Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other: |                                     |                                         |                      |
| SBIO ID Numbers:                                                             | SBIO-ID:                            | HA-ID:                                  | RPS-ID:              |
| Macrophyte-ID:                                                               |                                     | LIMS#:                                  |                      |
| Notes:                                                                       |                                     |                                         |                      |

## Duplicate Sample

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

## Blank

|                                                                                                                                      |                                       |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Time Zone: EST CEN Time: _____                                                                                                       | Field ID: _____ (Blank Type_DDMMYYYY) |
| DI Source: _____                                                                                                                     | Location: _____                       |
| <input type="checkbox"/> Field Blank <input type="checkbox"/> Equipment Blank <input type="checkbox"/> Field Cleaned Equipment Blank | Equipment ID: _____                   |

LIMS EVENT ID: \_\_\_\_\_ WIN Import ID: \_\_\_\_\_

Enter Field Parameters, Verify Station ID In LIMS DMT: \_\_\_\_\_ (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: \_\_\_\_\_ (Initials/Date)

Scan/Save Field Sheets \_\_\_\_\_ (Initials/Date) Migrate Data to WIN: \_\_\_\_\_ (Initials/Date) Verify Data In WIN: \_\_\_\_\_ (Initials/Date)



RQ-2020- 02-17-12

Customer: 21 FLA

Project ID: Nassau North

Collected By: A. Kalmbacher / K. McDonald

Field Report Prepared By: K. McDonald

Sampling Agency: FDEP / NEROC

WIN ID/Field ID:



G4NE0296

St. Marys at Tracy Ferry Bt. Rmp.

Comments:

Contains: 1:1 HNO3  
Lot No. NA9254150  
Expires: 09/11/20  
See Safety Data Sheet (SDS)Contains: 1:1 H2SO4  
Lot No. SA9301030  
Expires: 10/28/20  
See Safety Data Sheet (SDS)Contains: 1:1 H2SO4  
Lot No. SA9301030  
Expires: 10/28/20  
See Safety Data Sheet (SDS)SULFURIC  
ACID 65%  
FEDERAL BUREAU OF INVESTIGATION  
LABORATORY  
1600 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, D.C. 20535  
May be corrosive to metals. Causes severe skin burns and eye damage. Can irritate the respiratory system. May be fatal if inhaled. Do not breathe dust. Do not get liquid in eyes. Wash thoroughly with plenty of water. Do not get on clothing. Remove contaminated clothing and shoes. Do not eat, drink, or smoke when using this product. Do not use near open flames or heat. Do not mix with other chemicals. Do not pour down drain. Dispose of waste properly. See Safety Data Sheet (SDS) for more information.

Matrix: Fresh / 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) |
|-----------|------|-----------|-----------|------------|------|------------------|----------------------------------|-----------------|--------------------|----------------|
| 2/19/20   | 1140 | 8.29      | 87.2      | 17.7       | 5.71 | 0.3              | 0.55                             | 3.05            | 69.4               | 0.03           |
| (EST) CST |      |           |           |            |      |                  | <input type="checkbox"/> VOB (S) |                 |                    |                |

Cental Lab please use top row for login purposes

|           |      |      |      |      |      |      |  |  |      |      |
|-----------|------|------|------|------|------|------|--|--|------|------|
|           | 1140 | 8.25 | 86.3 | 17.5 | 5.68 | 2.55 |  |  | 69.4 | 0.03 |
| EST / CST |      |      |      |      |      |      |  |  |      |      |

| Parameter Suite                    | Parameter Methods                                                                                                                                                                                                                                                                                                                                                           | Preservation                                                                       | pH Check                               | # Bottles sent to Lab | Bottle Group |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------|-----------------------|--------------|
| Preserved Nutrients (P-500ML)      | <input checked="" type="checkbox"/> W-NH3 / <input checked="" type="checkbox"/> W-NO2NO3 / <input checked="" type="checkbox"/> W-TKN / <input checked="" type="checkbox"/> W-TOC / <input checked="" type="checkbox"/> W-S-A-TP                                                                                                                                             | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4* | <input checked="" type="checkbox"/> <2 | 1                     | A            |
|                                    | Lot # SA9301030 Exp: 10/28/2020                                                                                                                                                                                                                                                                                                                                             |                                                                                    |                                        |                       |              |
| Metals (P-500ML)                   | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP <input checked="" type="checkbox"/> W-HARD                                                                                                                                                                                                                                            | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3*  | <input checked="" type="checkbox"/> <2 | 1                     | A            |
|                                    | Lot # NA9254150 Exp: 09/11/2020                                                                                                                                                                                                                                                                                                                                             |                                                                                    |                                        |                       |              |
| Filtered Nutrients (P125ML)        | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
|                                    | Filter Lot # Syringe Lot #                                                                                                                                                                                                                                                                                                                                                  |                                                                                    |                                        |                       |              |
| 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 / <input checked="" type="checkbox"/> W-F / <input checked="" type="checkbox"/> W-TSS / <input checked="" type="checkbox"/> TURBIDITY / <input checked="" type="checkbox"/> W-Cl-IC / <input checked="" type="checkbox"/> W-COLOR / <input checked="" type="checkbox"/> W-SO4-IC / <input checked="" type="checkbox"/> W-TDS | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Physical/Aggregate (Marine) (P-1L) | <input type="checkbox"/> Alkalinity / <input type="checkbox"/> W-BR-IC / <input type="checkbox"/> W-F / <input type="checkbox"/> W-TSS / <input type="checkbox"/> TURBIDITY                                                                                                                                                                                                 | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| 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 checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> Ice                                            |                                        | 1 ALS                 | A            |
|                                    | <input type="checkbox"/> Contract Lab                                                                                                                                                                                                                                                                                                                                       |                                                                                    |                                        |                       |              |
| Molecular (QPCR-P-500ML)           | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3                                                                                                                                                                                                                                                                       | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
|                                    | <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/> See Notes                                                                                                                                                                                                                                                                      |                                                                                    |                                        |                       |              |
| 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                                                                                                                                                                                                                                | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
|                                    | <input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution)                                                                                                                                                                                                                                                                     |                                                                                    |                                        |                       |              |

Name:

Kelly McDonald

Signature:

Kelly McDonald

Date:

2/19/2020

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution