

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

## STRATEGIC MONITORING PLAN FIELD SHEET

January 2022

Meter Passed End

of Day CCV

Yes / No

WIN Station Name: Plummers CR @ SR A1A

Date: 6/20/2022

WIN/Field ID: 19020064

WBID: 2130

ENR: -

Latitude: 30.61414

County: NASSAU

Org ID: 21FLA

Longitude: -81.66875

Receiving Body of Water: Nassau River

RQ- 2022-06-20-13

| Sampling Team Members               |                  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|------------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Jeremy Parrish   |                 | x                 |               | x            | x                  |
| <input checked="" type="checkbox"/> | Katrin Villinger | 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 checked="" type="checkbox"/> Pole |
| Depth measured with: Meter                           |                                          |
| 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 checked="" type="checkbox"/> Other Bridge     | <input 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: |                                          |                             | Tide: RISING                 |                              | Tide Times: High: 615 Low: 1215   |                                                                  |
| 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>PARTLY CLOUDY                                                                                                                                                                                          |       |                                          |                             |                              |                              |                                   |                                                                  |

## 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: (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: (Initials/Date)

Scan/Save Field Sheets KV 6/20/2022 Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)



RQ-2022-06-20-13  
Customer: NE-DIST  
Project ID: STRATEGIC MONITORING PLAN

Collected By: Jeremy Parrish, Katrin Villinger  
Field Report Prepared By: Jeremy Parrish  
Sampling Agency: FDEP

|                                                                                                                                                                              |            |                                                                                                                                                                                                       |           |                                            |                                                                                                 |                                                                                         |                                                   |                              |                       |                              |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------|-----------------------|------------------------------|--|
| Place Label Here<br><br>WIN ID/Field ID: <br>19020064<br><br>Location: Plummers CR @ SR A1A |            |                                                                                                                                                                                                       |           |                                            |                                                                                                 | 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> ) |  |
| 6/20/2022                                                                                                                                                                    | 950<br>EST | 2.05                                                                                                                                                                                                  | 26.9      | 27.5                                       | 5.97                                                                                            | 0.3                                                                                     | 0.7<br><input type="checkbox"/> VOB (S)           | 1.5                          | 1915                  | 0.97                         |  |
|                                                                                                                                                                              | 955<br>EST | 1.89                                                                                                                                                                                                  | 24        | 27.5                                       | 5.95                                                                                            | 1                                                                                       | Central Lab please use top row for login purposes |                              | 1894                  | 0.96                         |  |
| 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 type="checkbox"/> Ice <input type="checkbox"/> H2SO4*                            |                                                   | <input type="checkbox"/> <2  |                       |                              |  |
|                                                                                                                                                                              |            | Lot #                                                                                                                                                                                                 |           |                                            | Exp:                                                                                            |                                                                                         |                                                   |                              |                       |                              |  |
| Metals (P-500ML)                                                                                                                                                             |            | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD                                                                                                       |           |                                            |                                                                                                 | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*                             |                                                   | <input type="checkbox"/> <2  |                       |                              |  |
|                                                                                                                                                                              |            | Lot #                                                                                                                                                                                                 |           |                                            | Exp:                                                                                            |                                                                                         |                                                   |                              |                       |                              |  |
| 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 #                                                                           |                                                   |                              |                       |                              |  |
| BOD (BP-1L)                                                                                                                                                                  |            | <input type="checkbox"/> OV-BODUNIN                                                                                                                                                                   |           |                                            |                                                                                                 | <input checked="" type="checkbox"/> Ice                                                 |                                                   |                              |                       |                              |  |
| Chlorophyll (BP-1L)                                                                                                                                                          |            | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                   |           |                                            |                                                                                                 | <input type="checkbox"/> Ice                                                            |                                                   |                              |                       |                              |  |
| 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 type="checkbox"/> Alkalinity / W-F / W-TSS / 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 type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci<br><input checked="" type="checkbox"/> Contract Lab                                   |           |                                            |                                                                                                 | <input checked="" type="checkbox"/> Ice                                                 |                                                   |                              | 1                     | C                            |  |
| 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"/> |           |                                            |                                                                                                 | <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)                                                                                                                                                |            | W-E8321-DI                                                                                                                                                                                            |           | WE8321-MS                                  |                                                                                                 | W-PSNP-TQ                                                                               |                                                   | W-CT-Cl-R                    |                       | MCAA Lot#                    |  |
|                                                                                                                                                                              |            | W-PCL-TQ-R                                                                                                                                                                                            |           | W-CARB-AA (5 ml of MCAA** Buffer Solution) |                                                                                                 | W-TR-SQ-R                                                                               |                                                   |                              |                       |                              |  |
|                                                                                                                                                                              |            | W-PCB-TQ-R                                                                                                                                                                                            |           |                                            |                                                                                                 |                                                                                         |                                                   |                              |                       |                              |  |
| Phytoplankton/Periphyton                                                                                                                                                     |            |                                                                                                                                                                                                       |           | DTY-QN-C                                   |                                                                                                 | PKD-QN-C                                                                                |                                                   | <input type="checkbox"/> Ice |                       |                              |  |
| Name: Jeremy Parrish<br>Katrin Villinger                                                                                                                                     |            |                                                                                                                                                                                                       |           |                                            | Signature:  |                                                                                         |                                                   |                              |                       | Date: 06/20/2022             |  |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution