



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

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

**WIN Station Name:** Cushing Creek at Lem Turner Rd. **Date:** 7/28/2021  
**WIN/Field ID:** G4NE0306 **WBID:** 2162 **ENR:** - **Latitude:** 30.56  
**County:** NASSAU **Org ID:** 21FLA **Longitude:** -81.82  
**Receiving Body of Water:** Nassau - St. Marys **RQ:** 2021-07-26-23

| Sampling Team Members               |                  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|------------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Jeremy Parrish   | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Kimberly Appleby |                 | 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 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 checked="" type="checkbox"/> From Shore       | <input type="checkbox"/> Electric Motor  |
| <input type="checkbox"/> Other _____                 | <input 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>BRUCE        |  |  |  |  |  |
| <b>Photos:</b> NA                                                                                                                                                                                                                                                      |  | <b>Flow:</b> FLOW |  | <b>Tide:</b> |  | <b>Tide Times:</b><br>High: 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>                                                                                                                                                                                                                                                          |  |                   |  |              |  |                                  |  |  |  |  |  |

## Duplicate Sample

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

## Blank

|                                |              |                           |                       |
|--------------------------------|--------------|---------------------------|-----------------------|
| <b>Time Zone:</b>              | <b>Time:</b> | <b>Field ID:</b>          | (Blank Type_DDDMMYYY) |
| <b>DI Source:</b>              |              | <b>Location:</b>          |                       |
| <b>DI Type:</b>                |              | <b>Equipment ID:</b>      |                       |
| <b>DI Container (Name/ID):</b> |              | <b>DI Container Type:</b> |                       |

LIMS EVENT ID: WIN Import ID: 28325  
Enter Field Parameters, Verify Station ID in LIMS DMT: QC Station ID, Field Parameters in LIMS DMT: BD 08/17/2021  
Scan/Save Field Sheets *Jeremy Parrish* Migrate Data to WIN: JP 8/27/21 Verify Data in WIN:  
(Initials/Date) (Initials/Date) (Initials/Date)



RQ-2021-07-26-23

Customer: WQAP

Project ID: SMP

Collected By: Jeremy Parrish, Kimberly Appleby

Field Report Prepared By: Jeremy Parrish

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G4NE0306

Location: Cushing Creek at Lem Turner Rd.

Comments:

Matrix: Fresh

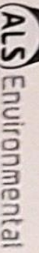
(Check one)

☒ 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> ) |  |  |
|------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------|-----------------------------------|------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|-----------------------|------------------------------|--|--|
|                                          | 920<br>EST | 3.98                                                                                                                                                                         | 48.4                                        | 25.1       | 6.471                             | 0.3                                                                                | 0.3<br><input type="checkbox"/> VOB (S) | 0.4                                    | 122                   | 0.06                         |  |  |
| 7/28/2021                                |            |                                                                                                                                                                              |                                             |            |                                   |                                                                                    |                                         |                                        |                       |                              |  |  |
|                                          | 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 checked="" type="checkbox"/> <2 | 1                     | .D                           |  |  |
|                                          |            | Lot #                                                                                                                                                                        | Sa0353110                                   | Exp:       | 1/11/22                           |                                                                                    |                                         |                                        |                       |                              |  |  |
| 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 checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                |                                             |            |                                   | <input checked="" type="checkbox"/> Ice                                            |                                         |                                        | 1                     | .D                           |  |  |
|                                          |            | Filter Lot #                                                                                                                                                                 | Ronb35407                                   |            |                                   |                                                                                    |                                         |                                        |                       |                              |  |  |
|                                          |            | Syringe Lot #                                                                                                                                                                |                                             |            |                                   |                                                                                    |                                         |                                        |                       |                              |  |  |
| Chlorophyll (BP-1L)                      |            | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                               |                                             |            |                                   | <input checked="" type="checkbox"/> Ice                                            |                                         |                                        | 1                     | .D                           |  |  |
| Physical/Aggregate (Fresh) (P-1L)        |            | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                              |                                             |            |                                   | <input checked="" type="checkbox"/> Ice                                            |                                         |                                        | 1                     | .D                           |  |  |
| Physical/Aggregate (Marine) (P-1L)       |            | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                      |                                             |            |                                   | <input type="checkbox"/> Ice                                                       |                                         |                                        |                       |                              |  |  |
| 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 checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci<br><input checked="" type="checkbox"/> Contract Lab          |                                             |            |                                   | <input checked="" type="checkbox"/> Ice                                            |                                         |                                        | 1                     | .D                           |  |  |
| Molecular (QPCR-P-500ML)                 |            | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD |                                             |            |                                   | <input type="checkbox"/> Ice                                                       |                                         |                                        |                       |                              |  |  |
| Tracers (BG-500ML)                       |            | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                      |                                             |            |                                   | <input type="checkbox"/> Ice                                                       |                                         |                                        |                       |                              |  |  |
| Pesticides (BG-500ML) (BG-1L)            |            | W-E8321-DI                                                                                                                                                                   | WE8321-MS                                   | W-PSNP-TQ  | W-CT-CL-R                         | <input type="checkbox"/> Ice                                                       |                                         |                                        |                       |                              |  |  |
| Phytoplankton/Periphyton                 |            | W-PCL-TQ-R                                                                                                                                                                   | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) | DTY-QN-C   | PKD-QN-BV                         | <input type="checkbox"/> Ice                                                       |                                         |                                        |                       |                              |  |  |
| Name: Jeremy Parrish<br>Kimberly Appleby |            |                                                                                                                                                                              |                                             |            | Signature: <i>Jeremy Parrish</i>  |                                                                                    |                                         |                                        | Date: 7/28/2021       |                              |  |  |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



| SR # | AI S Contact: Mandy Sullivan |
|------|------------------------------|
|      |                              |

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