



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV  
Yes / No

WIN Station Name: Hopkins Cr at Kings Rd

Date: 02/5/2020

(mm/dd/yyyy)

WIN/ Field ID: 20030758

WBID: 2266

Latitude: 30.3093175

(Decimal Degrees)

County: Duval

ORG ID: 21FLA

Longitude: 81.416922

(Decimal Degrees)

Receiving Body of Water: ICW

RQ-2020- 02-03-15

| Sampling Team Members | WQ Measurements | Sample Collection | Documentation | Preservation | Check |
|-----------------------|-----------------|-------------------|---------------|--------------|-------|
| Jeremy Parrish        |                 | X                 | X             | X            | X     |
| Kim Appleby           | X               | X                 | X             | X            | X     |
|                       |                 |                   |               |              |       |
|                       |                 |                   |               |              |       |

| Sampling Equipment                                   |                                                    |
|------------------------------------------------------|----------------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn                  |
| <input type="checkbox"/> Syringe                     | <input type="checkbox"/> Pole                      |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other                     |
| Depth Measured with <u>meter</u>                     |                                                    |
| Equipment ID <u>ortho kit #3</u>                     |                                                    |
| 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: Dry/ Pooled/ <u>Low</u> / Normal / High / Flooded               |                                     | Meter ID# <u>Stitch</u>                  |                                  |
| Photos: Yes / <u>No</u>                                                      | Flow: No Flow / <u>Flowing</u> / NA | Tide: Rising/ <u>Falling</u> / Slack/ NA | Tide Times: High Low <u>1200</u> |
| 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_DDMYYYY) |
| 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-2020-02-03-15

Customer: ZILVA

Project ID: ICW Bear

Collected By: J. Pansh / K Appleby

Field Report Prepared By: J. Pansh

Sampling Agency: FLEP NE ROC

WIN / Field ID:



20030758

Hopkins Cr at Kings Rd.

## Comments:

THOMAS FISHER SCIENTIFIC  
520 NORTH MARK STREET  
MADE, OH 44854  
1-800-455-2711

Parameter: 1:1 HNO3  
Lot No.: NA9189080  
Expires: 07/08/2020  
See Safety Data Sheet (SDS)

Use in water. Causes severe skin irritation. Causes eye irritation. Use only outdoors or in a well-ventilated area. Avoid breathing dusts or vapors. Wash thoroughly before meals. Remove clothing if contaminated. If swallowed, drink water. If on skin (or hair), remove/flush off. If in eyes, flush with water for 15 minutes. If inhaled, move to fresh air and keep at rest in a position comfortable for breathing. If in eyes, flush continuously with water for several minutes. Storage: Store locked up. Store in corrosion resistant container with a sealed inner liner.

SULFURIC  
18%  
THOMAS FISHER SCIENTIFIC  
520 NORTH MARK STREET  
MADE, OH 44854  
1-800-455-2711

Parameter: 1:1 H2SO4  
Lot No.: NA9301030  
Expires: 10/28/20  
See Safety Data Sheet (SDS)

Contains: 1:1 H2SO4  
Lot No.: NA9301030  
Expires: 10/28/20  
See Safety Data Sheet (SDS)

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) |
|-----------|------|-----------|-----------|------------|------|------------------|---------------------------------------------|-----------------|--------------------|----------------|
| 2/5/20    | 455  | 7.28      | 82.4      | 14.9       | 7.41 | 0.3              | 0.63                                        | 0.63            | 34667              | 21.84          |
| EST / CST |      |           |           |            |      |                  | <input checked="" type="checkbox"/> VOB (S) |                 |                    |                |

Cental Lab please use top row for login purposes

|           |  |  |  |  |  |  |  |  |  |  |
|-----------|--|--|--|--|--|--|--|--|--|--|
| 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-NH4NO3 / <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                     | L            |
|                                    | Lot # SA9301030 Exp: 10/2020                                                                                                                                                                                                                                    |                                                                                   |                                        |                       |              |
| 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                     | L            |
|                                    | Lot # NA9189080 Exp: 7/2020                                                                                                                                                                                                                                     |                                                                                   |                                        |                       |              |
| 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                     | L            |
|                                    | Filter Lot # R9EA32199 Syringe Lot #                                                                                                                                                                                                                            |                                                                                   |                                        |                       |              |
| Chlorophyll (BP-1L)                | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                  | <input checked="" type="checkbox"/> Ice                                           |                                        | 1                     | L            |
| Physical/Aggregate (Fresh) (P-1L)  | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                              | <input type="checkbox"/> Ice                                                      |                                        |                       |              |
| Physical/Aggregate (Marine) (P-1L) | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                              | <input checked="" type="checkbox"/> Ice                                           |                                        | 1                     | L            |
| 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 type="checkbox"/> Enterococci <input type="checkbox"/> Contract Lab                                                                                                                      | <input type="checkbox"/> Ice                                                      |                                        |                       |              |
| Molecular (QPCR-P-500ML)           | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/> See Notes                                                    | <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)      | <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"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA <sup>®</sup> Buffer Solution) | <input type="checkbox"/> Ice                                                      |                                        |                       |              |

Name:

Kimberly Appleby

Signature:

1/2/20

Date:

2/5/2020

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution