



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
☒ Yes / No

**WIN Station Name:** Horse Creek 85m S of Horseshoe Creek Rd **Date:** 7/19/2021  
**WIN/Field ID:** G4CE0208 **WBID:** 1436 **ENR:** - **Latitude:** 28.16  
**County:** POLK **Org ID:** 21FLCEN **Longitude:** -81.57  
**Receiving Body of Water:** Kissimmee River **RQ:** 2021-07-19-37

| Sampling Team Members               |               | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|---------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Matt Bearden  | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Terry Riordan |                 | 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: Secchi                          |                                          |
| Secchi Equipment ID: Light                           |                                          |
| 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>SHRIMP TRAP  |  |  |  |  |  |
| <b>Photos:</b> NO                                                                                                                                                                                                                                                      |  | <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: CEN-DIST-2021-07-20-03 WIN Import ID: 28304  
Enter Field Parameters, Verify Station ID In LIMS DMT: KWM 7/23/21 QC Station ID, Field Parameters In LIMS DMT: EB 8/9/21  
(Initials/Date) (Initials/Date)  
Scan/Save Field Sheets KWM 8/26/21 Migrate Data to WIN: KWM 8/26/21 Verify Data In WIN:  
(Initials/Date) (Initials/Date) (Initials/Date)



RQ-2021-07-19-37

Customer: WQAP

Project ID: SMP

Collected By: Matt Bearden, Terry Riordan

Field Report Prepared By: Matt Bearden

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G4CE0208

Location: Horse Creek 85m S of Horseshoe Creek 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) |  |
|-------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------|------------|--------------------------------------------------------------|----------------------------------------------------|-----------------------------|-----------------------|----------------|--|
|                                     | 955<br>EST | 5.89                                                                                                                                                                                                  | 72.8                                        | 26.2       | 6.85       | 0.2                                                          | 0.4<br><input checked="" type="checkbox"/> VOB (S) | 0.4                         | 140                   | 0.06           |  |
| 7/19/2021                           |            |                                                                                                                                                                                                       |                                             |            |            |                                                              |                                                    |                             |                       |                |  |
|                                     | EST        |                                                                                                                                                                                                       |                                             |            |            |                                                              |                                                    |                             |                       |                |  |
| 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 #                                                                                                                                                                                         |                                             |            |            |                                                              |                                                    |                             |                       |                |  |
| 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-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 type="checkbox"/> Contract Lab                                              |                                             |            |            | <input checked="" type="checkbox"/> Ice                      |                                                    |                             | 2                     | 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"/> |                                             |            |            | <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   |            | <input type="checkbox"/> Ice                                 |                                                    |                             |                       |                |  |
|                                     |            |                                                                                                                                                                                                       |                                             | PKD-QN-BV  |            |                                                              |                                                    |                             |                       |                |  |
| Name: Matt Bearden<br>Terry Riordan |            |                                                                                                                                                                                                       |                                             |            | Signature: |                                                              |                                                    |                             |                       | Date: 7/19/21  |  |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution