

RQ- 2020-08-03-54

## Login Checklist

Login Station ID: #2Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 8/5/2020 11:00

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 2.3                 |                 |                                        |          | 12                                    |               | ✓  |          |    | 1278 4012 8778     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO<sub>3</sub> and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 °C (above 10.0 °C for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# \_\_\_\_\_
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# \_\_\_\_\_
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# \_\_\_\_\_
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# \_\_\_\_\_

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No ☐

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes ☐ No ☒

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes ☐ No ☐ NA ☒Evidence Tape intact? Yes ☐ No ☐

If Criminal, photographs taken?

Yes ☐ No ☐Containers intact? Yes ☒ No ☐

Caps on tight?

Yes ☒ No ☐

Sufficient Sample Volume:

Yes ☒ No ☐If NO is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# \_\_\_\_\_

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ☐ No ☒ Init: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐ Init: \_\_\_\_\_

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

## PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

\*\*Acid Preserved Samples: pH &lt; 2.0?

Yes ☒ No ☐ NA ☐ Init: IM

\*\*W-1-4-DIOX (Green dot on container) preserved to pH &lt; 4.0?

Yes ☐ No ☐ NA ☒ Init: IM

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

Coolers Unpacked/Checked by: IMDate: 8/5/2020Event contains NCRs (Y/N)? NEvent ID: 2020 SMP : Canals  
SO-DIST-2020-08-05-01 (SMP)Date Received: 05-AUG-2020 11:00

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

|                          |                            |
|--------------------------|----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #2 exp:11/5/20 |
| pH Test Strips 0 – 6     |                            |
| pH Paper 0 – 3           |                            |
| pH Paper 0 – 13          | 231019 exp: 11/1/22        |
| Chlorine Test Strips     | 8261 exp: 07/2021          |

### ENCORE SAMPLES

**S-VOC-MS samples in Encores must be frozen within 48 hours of collection.**

Were Encore samples received? Yes \_\_\_\_\_ Init: \_\_\_\_\_

Date and time placed in freezer \_\_\_\_\_

Were all samples placed in freezer within 48 hours of collection? Yes \_\_\_\_\_ No \_\_\_\_\_

If no, were samples shipped on dry ice? Yes \_\_\_\_\_ No \_\_\_\_\_

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

**FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):**

Samples preserved within 48 hours? Yes \_\_\_\_\_ No \_\_\_\_\_

Date and time samples preserved: \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 8/4/2020 11:35 **Collected By:** Gary Snorek, Chris Hormuth  
**Customer:** SO-DIST **Sampling Agency:** FDEP  
**RQ:** RQ-2020-08-03-54 **Project ID:** SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL  
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

**Number of Coolers Shipped:** 1

**FIELD ID (Labels) submitted under this RQ for this collection date.**

| Site Location                     | Field ID/WIN ID                                                                                  |
|-----------------------------------|--------------------------------------------------------------------------------------------------|
| C-19 @ Us 27                      | <br>G3SD0087   |
| C-19 Canal                        | <br>G3SD0162   |
| C-139 Annex @ Deer Fence Canal Rd | <br>G1SD0076 |

RELINQUISHED BY(SIGNATURE):

DATE/TIME:

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

*IM*

Rec'd/Inspected Date:

*8/5/20 11:00*



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
Yes / No

WIN Station Name: C-139 Annex @ Deer Fence Canal Rd

Date: 8/4/2020

WIN/Field ID: G1SD0076

WBID: 3266A

ENR:

Latitude: 26.43384

County: HENDRY

Org ID: 21FLFTM

Longitude: -80.94697

Receiving Body of Water: Everglades West Coast

RQ-2020- 2020-08-03-54

| Sampling Team Members               |               | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-------------------------------------|---------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | Gary Snorek   |                                     | <input checked="" type="checkbox"/> |                                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | Chris Hormuth | <input checked="" type="checkbox"/> |                                     | <input checked="" type="checkbox"/> |                                     |                                     |
| <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 checked="" type="checkbox"/> Syringe          | <input checked="" type="checkbox"/> Pole |
| Depth measured with: Secchi                          |                                          |
| Secchi Equipment ID: Deep Blue                       |                                          |
| 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  |

|                                                                                                                                                                                                                                                                 |            |                    |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------|------------------------|
| 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# PRO MOVE |                        |
| Photos: No                                                                                                                                                                                                                                                      | Flow: FLOW | Tide:              | Tide Times: High: Low: |
| 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:                                                                                                                                                                                                                                                          |            |                    |                        |

## Duplicate Sample

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

## Blank

|                |                   |               |                      |
|----------------|-------------------|---------------|----------------------|
| Time Zone:     | Time: N/A         | Field ID: N/A | (Blank Type_DDMYYYY) |
| DI Source: N/A | Location: N/A     |               |                      |
| DI Type: N/A   | Equipment ID: N/A |               |                      |

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-2020-2020-08-03-54

Customer: WQAP

Project ID: SMP

Collected By: Gary Snorek, Chris Hormuth

Field Report Prepared By: Gary Snorek

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G1SD0076

Location: C-139 Annex @ Deer Fence Canal Rd

Comments: Microbiology sample(s) submitted to contract laboratory

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 (PPTH) |
|----------|--------------|-----------|-----------|------------|-----|------------------|----------------------------------------------------|-----------------|--------------------|-----------------|
| 8/4/2020 | 11:35<br>EST | 2.01      | 26.7      | 30         | 7.2 | 0.25             | 0.5<br><input checked="" type="checkbox"/> VOB (S) | 0.5             | 580                | 0.28            |

Central Lab please use top row for login purposes

|     |  |  |  |  |  |  |  |  |  |  |
|-----|--|--|--|--|--|--|--|--|--|--|
| 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                     | A            |
|                                    | Lot # SA9354050 Exp: 12/20/20                                                                                                                                                                                                                           |                                                                                         |                                        |                       |              |
| 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                     | A            |
|                                    | Filter Lot # 17024971                                                                                                                                                                                                                                   |                                                                                         |                                        |                       |              |
|                                    | Syringe Lot # 0007557                                                                                                                                                                                                                                   |                                                                                         |                                        |                       |              |
| 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 / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                         | <input checked="" type="checkbox"/> Ice                                                 |                                        | 1                     | A            |
| 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                                                                                                                                                                                                                     | <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                     | 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"/> 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<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution) | <input type="checkbox"/> Ice                                                            |                                        |                       |              |
|                                    |                                                                                                                                                                                                                                                         | <input type="checkbox"/> Ice                                                            |                                        |                       |              |

Name:  
Gary Snorek  
Chris Hormuth

Signature:

Gary Snorek

Date:

08/04/2020

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
Yes / No

WIN Station Name: C-19 @ Us 27

Date: 8/4/2020

WIN/Field ID: G3SD0087

WBID: 3237E

ENR:

Latitude: 26.83397

County: GLADES

Org ID: 21FLFTM

Longitude: -81.13914

Receiving Body of Water: Caloosahatchee

RQ-2020- 2020-08-03-54

| Sampling Team Members               |               | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-------------------------------------|---------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | Gary Snorek   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | Chris Hormuth | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            |               | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <input type="checkbox"/>            |               | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <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 checked="" type="checkbox"/> Syringe          | <input checked="" type="checkbox"/> Pole |
| Depth measured with: Secchi                          |                                          |
| Secchi Equipment ID: Deep Blue                       |                                          |
| 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  |

|                                                                                                                                                                                                                                                                 |            |                    |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------|------------------------|
| 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# PRO MOVE |                        |
| Photos: NO                                                                                                                                                                                                                                                      | Flow: FLOW | Tide:              | Tide Times: High: Low: |
| 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:                                                                                                                                                                                                                                                          |            |                    |                        |

| Duplicate Sample     |           |               |              |
|----------------------|-----------|---------------|--------------|
| Time Zone: EST       | Time: N/A | Field ID: N/A | (WIN ID_DUP) |
| WIN DMT Activity ID: |           |               |              |

| Blank          |           |                   |                       |
|----------------|-----------|-------------------|-----------------------|
| Time Zone:     | Time: N/A | Field ID: N/A     | (Blank Type_BDMMYYYY) |
| DI Source: N/A |           | Location: N/A     |                       |
| DI Type: N/A   |           | Equipment ID: N/A |                       |

|                                                                        |                                                              |
|------------------------------------------------------------------------|--------------------------------------------------------------|
| 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-2020-2020-08-03-54

Customer: WQAP

Project ID: SMP

Collected By: Gary Snorek, Chris Hormuth

Field Report Prepared By: Gary Snorek

Sampling Agency: FDEP

| Place Label Here<br><br>WIN ID/Field ID: <b>G3SD0087</b><br>Location: C-19 @ Us 27 |              |                                                                                                                                                                                                                                                         |           |                        |      | Comments: Microbiology sample(s) submitted to contract laboratory                       |                                         |                                        |                       |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------|------|-----------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|-----------------------|-----------------|
| Matrix: Fresh                                                                                                                                                       |              |                                                                                                                                                                                                                                                         |           |                        |      | (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 (PPTH) |
| 8/4/2020                                                                                                                                                            | 10:10<br>EST | 4.44                                                                                                                                                                                                                                                    | 52.3      | 29.4                   | 7.51 | 0.3                                                                                     | 0.7<br><input type="checkbox"/> VOB (S) | 1                                      | 523                   | 0.25            |
| Central Lab please use top row for login purposes                                                                                                                   |              |                                                                                                                                                                                                                                                         |           |                        |      |                                                                                         |                                         |                                        |                       |                 |
| 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                     | A               |
|                                                                                                                                                                     |              | Lot # Sa9354050                                                                                                                                                                                                                                         |           | Exp: 12/20/20          |      |                                                                                         |                                         |                                        |                       |                 |
| 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                     | A               |
|                                                                                                                                                                     |              | Filter Lot # 17024971                                                                                                                                                                                                                                   |           |                        |      |                                                                                         |                                         |                                        |                       |                 |
|                                                                                                                                                                     |              | Syringe Lot # 0007557                                                                                                                                                                                                                                   |           |                        |      |                                                                                         |                                         |                                        |                       |                 |
| 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 / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                           |           |                        |      | <input checked="" type="checkbox"/> Ice                                                 |                                         |                                        | 1                     | A               |
| 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                                                                                                                                                                                                                     |           |                        |      | <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                     | 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)                                                                                                                                       |              | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution) |           |                        |      | <input type="checkbox"/> Ice                                                            |                                         |                                        |                       |                 |
|                                                                                                                                                                     |              |                                                                                                                                                                                                                                                         |           |                        |      | <input type="checkbox"/> Ice                                                            |                                         |                                        |                       |                 |
| Name: Gary Snorek<br>Chris Hormuth                                                                                                                                  |              |                                                                                                                                                                                                                                                         |           | Signature: Gary Snorek |      |                                                                                         |                                         | Date: 08/04/2020                       |                       |                 |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
Yes / No

**WIN Station Name:** C-19 Canal **Date:** 8/4/2020  
**WIN/Field ID:** G3SD0162 **WBID:** 3237E **ENR:** **Latitude:** 26.83359  
**County:** GLADES **Org ID:** 21FLFTM **Longitude:** -81.08888  
**Receiving Body of Water:** Caloosahatchee **RQ-2020-** 2020-08-03-54

| Sampling Team Members               |               | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|---------------|-----------------|-------------------|---------------|--------------|--------------------|
|                                     |               |                 |                   |               |              |                    |
| <input checked="" type="checkbox"/> | Gary Snorek   | x               |                   | x             |              | x                  |
| <input checked="" type="checkbox"/> | Chris Hormuth |                 | 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 checked="" type="checkbox"/> Syringe          | <input checked="" type="checkbox"/> Pole |
| Depth measured with: Secchi                          |                                          |
| Secchi Equipment ID: Deep Blue                       |                                          |
| 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> PRO MOVE |                                  |
| <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> N/A | <b>Field ID:</b> N/A | (WIN ID_DUP) |
| <b>WIN DMT Activity ID:</b> |                  |                      |              |

## Blank

|                       |                  |                          |                      |
|-----------------------|------------------|--------------------------|----------------------|
| <b>Time Zone:</b>     | <b>Time:</b> N/A | <b>Field ID:</b> N/A     | (Blank Type_DDMYYYY) |
| <b>DI Source:</b> N/A |                  | <b>Location:</b> N/A     |                      |
| <b>DI Type:</b> N/A   |                  | <b>Equipment ID:</b> N/A |                      |

**LIMS EVENT ID:** **WIN Import ID:**  
**Enter Field Parameters, Verify Station ID In LIMS DMT:** **QC Station ID, Field Parameters In LIMS DMT:**  
(Initials/Date) (Initials/Date)  
**Scan/Save Field Sheets** **Migrate Data to WIN:** **Verify Data In WIN:**  
(Initials/Date) (Initials/Date) (Initials/Date)



RQ-2020-2020-08-03-54

Customer: WQAP

Project ID: SMP

Collected By: Gary Snorek, Chris Hormuth

Field Report Prepared By: Gary Snorek

Sampling Agency: FDEP

| Place Label Here                                                                                               |              |                                                                                                                                                                                                                                                          |           |                        |      | Comments: Microbiology sample(s) submitted to contract laboratory                       |                                       |                                        |                       |                |
|----------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------|------|-----------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------|-----------------------|----------------|
| WIN ID/Field ID: <br>G3SD0162 |              |                                                                                                                                                                                                                                                          |           |                        |      |                                                                                         |                                       |                                        |                       |                |
| Location: C-19 Canal                                                                                           |              |                                                                                                                                                                                                                                                          |           |                        |      |                                                                                         |                                       |                                        |                       |                |
| Matrix: Fresh                                                                                                  |              |                                                                                                                                                                                                                                                          |           |                        |      | (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) |
| 8/4/2020                                                                                                       | 10:35<br>EST | 5.43                                                                                                                                                                                                                                                     | 74.8      | 32.2                   | 7.71 | 0.3                                                                                     | 1<br><input type="checkbox"/> VOB (S) | 2.1                                    | 730                   | 0.35           |
| Central Lab please use top row for login purposes                                                              |              |                                                                                                                                                                                                                                                          |           |                        |      |                                                                                         |                                       |                                        |                       |                |
|                                                                                                                | 10:15<br>EST | 4.61                                                                                                                                                                                                                                                     | 63.1      | 31.7                   | 7.65 | 1.6                                                                                     |                                       |                                        | 732                   | 0.35           |
| 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                     | A              |
|                                                                                                                |              | Lot #                                                                                                                                                                                                                                                    |           | Sa9354050              |      | Exp:                                                                                    |                                       | 12/20/20                               |                       |                |
| 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 type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                       |           |                        |      | <input checked="" type="checkbox"/> Ice                                                 |                                       |                                        | 1                     | A              |
|                                                                                                                |              | Filter Lot #                                                                                                                                                                                                                                             |           | 17024971               |      |                                                                                         |                                       |                                        |                       |                |
|                                                                                                                |              | Syringe Lot #                                                                                                                                                                                                                                            |           | 0007557                |      |                                                                                         |                                       |                                        |                       |                |
| 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 / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                          |           |                        |      | <input checked="" type="checkbox"/> Ice                                                 |                                       |                                        | 1                     | A              |
| 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                                                                                                                                                                                                                      |           |                        |      | <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                     | 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)                                                                                  |              | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |           |                        |      | <input type="checkbox"/> Ice                                                            |                                       |                                        |                       |                |
|                                                                                                                |              |                                                                                                                                                                                                                                                          |           |                        |      | <input type="checkbox"/> Ice                                                            |                                       |                                        |                       |                |
| Name: Gary Snorek<br>Chris Hormuth                                                                             |              |                                                                                                                                                                                                                                                          |           | Signature: Gary Snorek |      |                                                                                         |                                       | Date: 08/04/2020                       |                       |                |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution

Date of Request: 28-JUL-2020  
 Created By: REISTAD\_N On: 28-JUL-2020  
 Modified By: JASROTIA\_P On: 29-JUL-2020  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Event Description: 2020 SMP : Canals

**Send Coolers To:**

Phone: 239-344-5718  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: Nicole Reistad  
 Cooler Ship EMail: Nicole.Reistad@FloridaDEP.gov

Priority: 3  
 Event Status: A  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 28-JUL-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 29-JUL-2020  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 03-AUG-2020  
 Logged In By:

**Send Final Report To:**

FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: Nicole Reistad  
 Report Notification EMail:  
 Nicole.Reistad@FloridaDEP.gov; Kirby.Wolfe@dep.state.fl.us; Gary.Snorek@dep.state.fl.us; Miranda.Carroll@FloridaDEP.gov; Chris.Hormuth@FloridaDEP.gov

Comments: Group A: (C-19, C-139 Annex, Caloosa Canal, Harney Pond) Freshwater Nutrients, E.coli x4

**Bottle Group A (Water) With 4 Samples:**

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| W-COLOR                     | Template: DEFAULT    | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                              |
| Color (true)                |                      |                                                                                                              |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                  |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| Bottle Type: BP-1L          | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| SD-SND-ECQ                  | Template: DEFAULT    | (Colilert-18) E. coli by Colilert-18/QT by Sanders in Fort Myers                                             |
| Bottle Type: P-500ML        | Number of Bottles: 4 | Preserved With: ICE And H2SO4                                                                                |
| W-NH3                       | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO2NO3                    | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| W-S-A-TP                    | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |
| W-TKN                       | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |
| W-TOC                       | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                             |
| Bottle Type: P-125ML        | Number of Bottles: 4 | Preserved With: FILTER-ICE                                                                                   |
| W-PO4-F                     | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |