

# Login Checklist

RQ- 2021-04-12-32

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 6/ 25 /21 @ 9:00

| *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 |                    |
| 0.8                 |                 |                                        |          | 12                                    |               | ✓  |          |    | 9293 8014 3163     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC 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: HK

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< 2.0?

Yes ✓ No \_\_\_\_\_ NA ✓ Init: HK

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ✓ Init: HK

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

Coolers Unpacked/Checked by: HK

Date: 6/ 25 /21

Event contains NCRs (Y/N)? N

Blanket Bay/Dead River

Event ID: CEN-DIST-2021-06-25-03 (SMP)

—Date Received: 25-JUN-2021 09:00

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #5 EXP:10-28-21 |
| pH Test Strips 0 – 6     | Lot#210620 EXP:4-15-23      |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | Lot#210620 EXP:4-15-23      |
| Chlorine Test Strips     | Lot#0261 EXP:5-23           |

### 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:** 6/24/2021  
**Customer:** CEN-DIST  
**RQ:** RQ-2021-04-12-32  
**Collected By:** Matt Bearden, Terry Riordan  
**Sampling:** FDEP  
**Agency:**  
**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

**Delivery Method:** FedEx

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

| Site Location                   | Field ID/WIN ID                                                                                |
|---------------------------------|------------------------------------------------------------------------------------------------|
| Bird Lake Ditches 1.2mi W of 95 | <br>G3CE0046 |

RELINQUISHED BY(SIGNATURE):

*Matt Bearden*

DATE/TIME: 6/24/2021  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: *HK*

Rec'd/Inspected

Date: *6.25.21/0900*



|                                                                                                                                 |                                                       |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| RQ-2021-04-12-32                                                                                                                | Collected By: Matt Bearden, Terry Riordan             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Matt Bearden, Terry Riordan |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                 |
| WIN ID/Field ID: <br>WIN ID/Field ID: G3CE0046 | Comments:                                             |
| Location: Bird Lake Ditches 1.2mi W of 95                                                                                       |                                                       |

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 6/24/2021 1140      | 3.17      | 40.1      | 26.9     | 6.75 | 0.3              | 0.7          | 0.7             | 3593                | 1.88           |

Central Lab please use top row for login purposes

| Parameter Suite                    | Parameter Methods |                                                                            |  |  |                                            |   |                               |  |        |           | Preservation |             |          | pH Check |        | # Bottles sent to Lab | Bottle Group |    |   |   |
|------------------------------------|-------------------|----------------------------------------------------------------------------|--|--|--------------------------------------------|---|-------------------------------|--|--------|-----------|--------------|-------------|----------|----------|--------|-----------------------|--------------|----|---|---|
| Preserved Nutrients (P-500ML)      | X                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                |  |  |                                            |   |                               |  |        |           |              | X           | Ice      | X        | H2SO4* |                       | X            | <2 | 1 | B |
|                                    | Lot #             |                                                                            |  |  | SA1105060                                  |   |                               |  | Exp:   |           | 4/30/22      |             |          |          |        |                       |              |    |   |   |
|                                    | W-ICPMS           |                                                                            |  |  | W-ICP                                      |   |                               |  | W-HARD |           | Ice          | HNO3*       |          |          |        |                       |              |    |   |   |
| Metals (P-500ML)                   | Lot #             |                                                                            |  |  | Exp:                                       |   |                               |  |        |           |              |             |          |          |        | <2                    |              |    |   |   |
|                                    |                   |                                                                            |  |  |                                            |   |                               |  |        |           |              |             |          |          |        |                       |              |    |   |   |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                    |  |  |                                            | X | Field Filtered 0.45 um Filter |  |        |           | X            | Ice         |          |          |        | 1                     | B            |    |   |   |
|                                    | Filter Lot #      |                                                                            |  |  | 17135566                                   |   |                               |  |        |           |              |             |          |          |        |                       |              |    |   |   |
|                                    | Syringe Lot #     |                                                                            |  |  | 1091364                                    |   |                               |  |        |           |              |             |          |          |        |                       |              |    |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                 |  |  |                                            |   |                               |  |        |           |              | X           | Ice      |          |        |                       |              | 1  | B |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |  |  |                                            |   |                               |  |        |           |              | X           | Ice      |          |        |                       |              | 1  | B |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                             |  |  |                                            |   |                               |  |        |           |              |             | Ice      |          |        |                       |              |    |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                 |  |  |                                            |   |                               |  |        |           |              |             | Formalin |          |        |                       |              |    |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                   |  |  |                                            |   |                               |  |        |           |              |             | Ice      |          |        |                       |              |    |   |   |
| Microbiology (Contract Lab Bottle) | X                 | E Coli                                                                     |  |  |                                            |   | F Coli                        |  |        |           |              | Enterococci |          | X        | Ice    | 1                     | B            |    |   |   |
|                                    | Contract Lab      |                                                                            |  |  |                                            |   |                               |  |        |           |              |             |          |          |        |                       |              |    |   |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                  |  |  |                                            |   | PCR-BacR                      |  |        |           |              | PCR-DG3     |          |          | Ice    |                       |              |    |   |   |
|                                    |                   | PCR-GULL2                                                                  |  |  |                                            |   | PCR-GFD                       |  |        |           |              |             |          |          |        |                       |              |    |   |   |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                 |  |  |                                            |   | W-E8321-MS                    |  |        |           |              |             |          |          | Ice    |                       |              |    |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                 |  |  | W-E8321-MS                                 |   |                               |  |        | W-PSNP-TQ |              |             | Ice      |          |        |                       |              |    |   |   |
|                                    |                   |                                                                            |  |  |                                            |   |                               |  |        |           |              |             |          |          |        |                       |              |    |   |   |
|                                    |                   | W-PCL-TQ-R                                                                 |  |  | W-CARB-AA (5 ml of MCAA** Buffer Solution) |   |                               |  |        | W-CT-CL-R |              |             |          |          |        |                       |              |    |   |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                   |  |  |                                            |   | PKD-QN-BV                     |  |        |           |              |             |          |          | Ice    |                       |              |    |   |   |

Date of Request: 12-MAR-2021  
 Created By: BOMAN\_L On: 12-MAR-2021  
 Modified By: JASROTIA\_P On: 19-MAR-2021  
 Customer: CEN-DIST  
 Project: SMP  
 Division:  
 District: Central District  
 Event Description: Blanket Bay/Dead River

**Send Coolers To:**

Phone: 407-897-4178  
 FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Natalie Ayala  
 Cooler Ship EMail: natalie.ayala@dep.state.fl.us

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 18-MAR-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 19-MAR-2021  
 Sampling Kit Required: YES Ship on: 02-APR-2021  
 Sampling Kit Shipped: YES On: 29-MAR-2021  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 12-APR-2021  
 Logged In By: KLUG\_K On: 23-JUN-2021

**Send Final Report To:**

FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Kalina Warren  
 Report Notification EMail: natalie.ayala@dep.state.fl.us

Comments: Bottle Group A: Blanket Bay  
 Bottle Group B: Dead River

**Bottle Group A (Water) With 2 Samples:**

|                                   |                      |                                                                                                              |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| ALKALINITY                        | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /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-SO <sub>4</sub> -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: 2 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                        | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WO-THI       | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| ECOLI-18QT                        | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems     |
| Bottle Type: P-500ML              | Number of Bottles: 2 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                       |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO <sub>2</sub> NO <sub>3</sub> | 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: 2 | Preserved With: FILTER-ICE                                                                                   |
| W-PO <sub>4</sub> -F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |

**Bottle Group B (Water) With 1 Samples:**

|                      |                      |                                                            |
|----------------------|----------------------|------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>     |
| W-NH <sub>3</sub>    | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L |

**Bottle Group B (Water) With 1 Samples:**

|                             |                   |                                                                                                              |                               |
|-----------------------------|-------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------|
| Bottle Type: P-500ML        |                   | Number of Bottles: 1                                                                                         | Preserved With: ICE And H2SO4 |
| 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: 1                                                                                         | 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                     |                               |
| Bottle Type: P-1L           |                   | Number of Bottles: 1                                                                                         | 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: 1                                                                                         | Preserved With: ICE           |
| CHLSUITE-W                  | Template: DEFAULT | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |                               |
| Bottle Type: P-250ML-WO-THI |                   | Number of Bottles: 1                                                                                         | Preserved With: ICE           |
| ECOLI-18QT                  | Template: DEFAULT | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems     |                               |
| Bottle Type: BG-500ML       |                   | Number of Bottles: 4                                                                                         | Preserved With: ICE           |
| W-CT-CI-R                   | Template: DEFAULT | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization            |                               |