

# Login Checklist

RQ- 2023-04-24-25

Login Station ID: #1

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 4/ 18 /23 @ 9:17

| *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 |                    |
| -0.7                |                 |                                        |          | 10                                    |               | ✓  |          |    | 6859 4734 5801     |
| -0.9                |                 |                                        |          | 7                                     |               | ✓  |          |    | 5859 4734 6359     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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: 1414

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No ✓ Init: 1414

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: 1414

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ✓ Init: 1414

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

Coolers Unpacked/Checked by: 1414

Date: 4/ 18 /23

Event contains NCRs(Y/N)? ✓

Run 17

EventID: CEN-DIST-2023-04-18-02 (SMP)

— Date Received: 18-APR-2023 09:17

# Login Checklist

## Login Preservation Equipment

## Lot # & Exp: Date

|                          |                                 |
|--------------------------|---------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #1   Exp:10/17/2023 |
| pH Test Strips 0 – 6     | Lot# 223819AV   Exp:8/30/23     |
| pH Paper 0 – 3           |                                 |
| pH Paper 0 – 13          | Lot# 207621   Exp:3/15/24       |
| Chlorine Test Strips     | Lot# 1196   Exp:2/24            |

## Additional Comments:

## 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# \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 4/17/2023  
**Customer:** CEN-DIST  
**RQ:** RQ-2023-04-24-25  
**Collected By:** Matt Bearden, Katie March  
**Sampling Agency:** FDEP  
**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:** 2

**Delivery Method:** FedEx

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

| Site Location                          | Field ID/WIN ID                                                                                  |
|----------------------------------------|--------------------------------------------------------------------------------------------------|
| SOLDIER CREEK S OF 427                 | <br>G2CE0271   |
| GEE CREEK AT SR HWY 419                | <br>G2CE0075   |
| HOWELL CREEK NEAR NORTHERN WAY         | <br>G2CE0248 |
| BEAR CREEK BEHIND SHOPPING CENTER      | <br>G2CE0260 |
| HOWELL CREEK 105M N OF RED BUG LAKE RD | <br>G2CE0249 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/17/2023  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

**Rec'd/Inspected**

**Date:**



RQ-2023-04-24-25

Customer: FDEP

Project ID: SMP

Collected By: Matt Bearden, Katie March

Field Report Prepared by: Matt Bearden, Katie March

Sampling Agency: FDEP

WIN ID/Field ID:

WIN ID/Field ID: G2CE0271

Comments:

Location: SOLDIER CREEK S OF 427

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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 4/17/2023 1015      | 5.43      | 63.4      | 23       | 7.29 | 0.3              | 0.4          | 1.1             | 288.5              | 0.14           |

  

| Parameter Suite                    | Parameter Methods                                                           |                |                                   |                                          | Preservation | pH Check  | # Bottles sent to Lab | Bottle Group |    |   |
|------------------------------------|-----------------------------------------------------------------------------|----------------|-----------------------------------|------------------------------------------|--------------|-----------|-----------------------|--------------|----|---|
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |                |                                   |                                          | Ice          |           |                       |              |    |   |
|                                    | Lot #                                                                       |                | Exp:                              |                                          |              | <2        |                       |              |    |   |
| Metals (P-500ML)                   | W-ICPMS                                                                     |                | W-ICP                             |                                          | Ice          |           |                       |              |    |   |
|                                    | Lot #                                                                       |                | Exp:                              |                                          |              | <2        |                       |              |    |   |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                     |                | Field Filtered 0.45 µm Filter     |                                          | Ice          |           |                       |              |    |   |
|                                    | Filter Lot #                                                                |                | Syringe Lot #                     |                                          |              |           |                       |              |    |   |
| BOD (BP-1L)                        | OV-BODUNIN                                                                  |                |                                   |                                          | Ice          |           |                       |              |    |   |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                  |                |                                   |                                          | Ice          |           |                       |              |    |   |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS |                |                                   |                                          | Ice          |           |                       |              |    |   |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                |                                   |                                          | Ice          |           |                       |              |    |   |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                  | Formalin Lot # |                                   |                                          | Formalin     |           |                       |              |    |   |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                    |                |                                   |                                          | Ice          |           |                       |              |    |   |
| Microbiology (Contract Lab Bottle) | E Coli                                                                      |                | F Coli                            |                                          | Enterococci  | Ice       |                       |              |    |   |
|                                    | 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)      | X                                                                           | W-E8321-DI     | X                                 | W-E8321-MS                               | X            | W-PSNP-TQ | MCAA Exp.             | MCAA Lot#    | 10 | A |
|                                    | X                                                                           | W-PCL-TQ-R     | X                                 | W-CARB-AA (5 ml of MCAA Buffer Solution) | X            | W-CT-CL-R |                       |              |    |   |
|                                    | X                                                                           | W-TR-SQ-R      | X                                 | W-PCB-TQ-R                               |              |           |                       |              |    |   |
| Phytoplankton                      | DTY-QN-C                                                                    |                | PKD-QN-BV                         |                                          | Ice          |           |                       |              |    |   |
| DOC                                | W-DOC                                                                       |                | Field Filtered 0.45 µm Filter     |                                          | Ice          | H2SO4*    | <2                    |              |    |   |
|                                    |                                                                             |                | Acid Preservative Expiration Date |                                          |              |           |                       |              |    |   |
|                                    |                                                                             |                | Acid Preservative Lot Number      |                                          |              |           |                       |              |    |   |



RQ-2023-04-24-25

Collected By: Matt Bearden, Katie March

Customer: FDEP

Field Report Prepared by: Matt Bearden, Katie March

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G2CE0075

Comments:

Location: GEE CREEK AT SR HWY 419

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)                                                                | Temp. °C   | pH                                | Sample<br>Depth (m)                      | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos/cm) | Salinity<br>(PPTH) |                          |                 |  |  |  |  |
|------------------------------------|--------------|-----------------------------------------------------------------------------|------------|-----------------------------------|------------------------------------------|-----------------|-----------------------|-----------------------|--------------------|--------------------------|-----------------|--|--|--|--|
| 4/17/2023<br>1035                  | 6.2          | 72.2                                                                        | 22.8       | 7.29                              | 0.2                                      | 0.4             | 0.4                   | 282.8                 | 0.13               |                          |                 |  |  |  |  |
| Parameter Suite                    |              | Parameter Methods                                                           |            |                                   |                                          | Preservation    |                       | pH Check              |                    | # Bottles<br>sent to Lab | Bottle<br>Group |  |  |  |  |
| Preserved Nutrients (P-500ML)      |              | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |            |                                   |                                          | Ice             |                       | H2SO4*                |                    | <2                       |                 |  |  |  |  |
|                                    |              | Lot #                                                                       |            | Exp:                              |                                          |                 |                       |                       |                    |                          |                 |  |  |  |  |
| Metals (P-500ML)                   |              | W-ICPMS                                                                     |            | W-ICP                             |                                          | W-HARD          |                       | Ice                   |                    | <2                       |                 |  |  |  |  |
|                                    |              | Lot #                                                                       |            | Exp:                              |                                          |                 |                       |                       |                    |                          |                 |  |  |  |  |
| Filtered Nutrients (P125ML)        |              | W-PO4-F                                                                     |            | Field Filtered 0.45 µm Filter     |                                          | Ice             |                       |                       |                    |                          |                 |  |  |  |  |
|                                    |              | Filter Lot #                                                                |            | Syringe Lot #                     |                                          |                 |                       |                       |                    |                          |                 |  |  |  |  |
| BOD (BP-1L)                        |              | OV-BODUNIN                                                                  |            |                                   |                                          | Ice             |                       |                       |                    |                          |                 |  |  |  |  |
| Chlorophyll (BP-1L)                |              | CHLSUITE-W                                                                  |            |                                   |                                          | Ice             |                       |                       |                    |                          |                 |  |  |  |  |
| Physical/Aggregate (Fresh) (P-1L)  |              | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |            |                                   |                                          | Ice             |                       |                       |                    |                          |                 |  |  |  |  |
| Physical/Aggregate (Marine) (P-1L) |              | Alkalinity / W-F / W-TSS / TURBIDITY                                        |            |                                   |                                          | Ice             |                       |                       |                    |                          |                 |  |  |  |  |
| Macroinvertebrates (PJ-2L)         |              | MI-FW-QLDC                                                                  |            | Formalin Lot #                    |                                          | 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                   |                    | 1                        | B               |  |  |  |  |
|                                    |              | PCR-GULL2                                                                   |            | PCR-GFD                           |                                          |                 |                       |                       |                    |                          |                 |  |  |  |  |
| Tracers (BG-500ML)                 |              | X                                                                           | W-E8321-DI | X                                 | W-E8321-MS                               | X               | Ice                   |                       |                    | 2                        | B               |  |  |  |  |
| Pesticides (BG-500ML) (BG-1L)      |              |                                                                             | W-E8321-DI |                                   | W-E8321-MS                               |                 | W-PSNP-TQ             | MCAA Exp.             |                    |                          |                 |  |  |  |  |
|                                    |              | X                                                                           | W-PCL-TQ-R |                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) | X               | W-CT-CL-R             | X                     | Ice                |                          |                 |  |  |  |  |
|                                    |              |                                                                             | W-TR-SQ-R  | X                                 | W-PCB-TQ-R                               |                 |                       | MCAA Lot#             |                    |                          |                 |  |  |  |  |
| Phytoplankton                      |              | DTY-QN-C                                                                    |            | PKD-QN-BV                         |                                          | Ice             |                       |                       |                    |                          |                 |  |  |  |  |
| DOC                                |              | W-DOC                                                                       |            | Field Filtered 0.45 µm Filter     |                                          | Ice             |                       | H2SO4*                |                    |                          |                 |  |  |  |  |
|                                    |              |                                                                             |            | Acid Preservative Expiration Date |                                          |                 |                       |                       |                    | <2                       |                 |  |  |  |  |
|                                    |              |                                                                             |            | Acid Preservative Lot Number      |                                          |                 |                       |                       |                    |                          |                 |  |  |  |  |



|                                                                                                                                 |                                                     |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| RQ-2023-04-24-25                                                                                                                | Collected By: Matt Bearden, Katie March             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Matt Bearden, Katie March |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                               |
| WIN ID/Field ID: <br>WIN ID/Field ID: G2CE0248 | Comments:                                           |

Location: HOWELL CREEK NEAR NORTHERN WAY

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) |
|------------------------------------|-----------------------------------------------------------------------------|------------------------------------------|-------------------------------|-------------|------------------|--------------|-----------------|-----------------------|----------------|
| 4/17/2023<br>1055                  | 6.67                                                                        | 77.5                                     | 22.8                          | 7.01        | 0.15             | 0.3          | 0.3             | 189.4                 | 0.09           |
| Parameter Suite                    | Parameter Methods                                                           |                                          |                               |             | Preservation     |              | pH Check        | # Bottles sent to Lab | Bottle Group   |
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |                                          |                               |             | Ice              | H2SO4*       | <2              |                       |                |
|                                    | Lot #                                                                       |                                          | Exp:                          |             |                  |              |                 |                       |                |
| Metals (P-500ML)                   | W-ICPMS                                                                     |                                          | W-ICP                         | W-HARD      | Ice              | HNO3*        | <2              |                       |                |
|                                    | Lot #                                                                       |                                          | Exp:                          |             |                  |              |                 |                       |                |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                     |                                          | Field Filtered 0.45 µm Filter |             | Ice              |              |                 |                       |                |
|                                    | Filter Lot #                                                                |                                          | Syringe Lot #                 |             |                  |              |                 |                       |                |
| BOD (BP-1L)                        | OV-BODUNIN                                                                  |                                          |                               |             | Ice              |              |                 |                       |                |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                  |                                          |                               |             | Ice              |              |                 |                       |                |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |                               |             | Ice              |              |                 |                       |                |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                                          |                               |             | Ice              |              |                 |                       |                |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                  | Formalin Lot #                           |                               |             | Formalin         |              |                 |                       |                |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                    |                                          |                               |             | Ice              |              |                 |                       |                |
| Microbiology (Contract Lab Bottle) | X                                                                           | E Coli                                   | F Coli                        | Enterococci | x                | Ice          |                 | 1                     | C              |
|                                    | 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              | MCAA Exp.    | MCAA Lot#       |                       |                |
|                                    | W-PCL-TQ-R                                                                  | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               | W-CT-CL-R   |                  |              |                 |                       |                |
|                                    | W-TR-SQ-R                                                                   | W-PCB-TQ-R                               |                               |             |                  |              |                 |                       |                |
| Phytoplankton                      | DTY-QN-C                                                                    |                                          | PKD-QN-BV                     |             | Ice              |              |                 |                       |                |
| DOC                                | W-DOC                                                                       | Field Filtered 0.45 µm Filter            |                               |             | Ice              | H2SO4*       | <2              |                       |                |
|                                    |                                                                             | Acid Preservative Expiration Date        |                               |             |                  |              |                 |                       |                |
|                                    |                                                                             | Acid Preservative Lot Number             |                               |             |                  |              |                 |                       |                |



|                  |                                                     |
|------------------|-----------------------------------------------------|
| RQ-2023-04-24-25 | Collected By: Matt Bearden, Katie March             |
| Customer: FDEP   | Field Report Prepared by: Matt Bearden, Katie March |
| Project ID: SMP  | Sampling Agency: FDEP                               |

WIN ID/Field ID:



WIN ID/Field ID: G2CE0260

Comments:

Location: BEAR CREEK BEHIND SHOPPING CENTER

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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 4/17/2023<br>1118   | 6.46      | 74.3      | 22.2     | 7.06 | 0.1              | 0.2          | 0.2             | 219.1               | 0.1            |

| Parameter Suite                    | Parameter Methods                                                           |                                          |            |             | Preservation |        | pH Check            |  | # Bottles sent to Lab | Bottle Group |  |  |
|------------------------------------|-----------------------------------------------------------------------------|------------------------------------------|------------|-------------|--------------|--------|---------------------|--|-----------------------|--------------|--|--|
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |                                          |            |             | Ice          | H2SO4* | <2                  |  |                       |              |  |  |
|                                    | Lot #                                                                       |                                          | Exp:       |             |              |        |                     |  |                       |              |  |  |
| Metals (P-500ML)                   | W-ICPMS                                                                     |                                          | W-ICP      | W-HARD      | Ice          | HNO3*  | <2                  |  |                       |              |  |  |
|                                    | Lot #                                                                       |                                          | Exp:       |             |              |        |                     |  |                       |              |  |  |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                     | Field Filtered 0.45 µm Filter            |            |             | Ice          |        |                     |  |                       |              |  |  |
|                                    | Filter Lot #                                                                | Syringe Lot #                            |            |             |              |        |                     |  |                       |              |  |  |
| BOD (BP-1L)                        | OV-BODUNIN                                                                  |                                          |            |             | Ice          |        |                     |  |                       |              |  |  |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                  |                                          |            |             | Ice          |        |                     |  |                       |              |  |  |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |            |             | Ice          |        |                     |  |                       |              |  |  |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                                          |            |             | Ice          |        |                     |  |                       |              |  |  |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                  | Formalin Lot #                           |            |             | Formalin     |        |                     |  |                       |              |  |  |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                    |                                          |            |             | Ice          |        |                     |  | 1                     | C            |  |  |
| Microbiology (Contract Lab Bottle) | X E Coli                                                                    |                                          | F Coli     | Enterococci | x Ice        |        |                     |  |                       |              |  |  |
|                                    | Contract Lab                                                                |                                          |            |             |              |        |                     |  |                       |              |  |  |
| Molecular (QPCR-P-500ML)           | PCR-HF1B3                                                                   |                                          | PCR-BacR   | PCR-DG3     | Ice          |        |                     |  |                       |              |  |  |
|                                    | PCR-GULL2                                                                   |                                          | PCR-GFD    |             |              |        |                     |  |                       |              |  |  |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                  |                                          | W-E8321-MS |             | Ice          |        | MCAA Exp. MCAA Lot# |  |                       |              |  |  |
| 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  |             |              |        |                     |  |                       |              |  |  |
|                                    | W-TR-SQ-R                                                                   | W-PCB-TQ-R                               |            |             |              |        |                     |  |                       |              |  |  |
| Phytoplankton                      | DTY-QN-C                                                                    | PKD-QN-BV                                |            |             | Ice          |        | <2                  |  |                       |              |  |  |
| DOC                                | W-DOC                                                                       | Field Filtered 0.45 µm Filter            |            |             | Ice          | H2SO4* |                     |  |                       |              |  |  |
|                                    |                                                                             | Acid Preservative Expiration Date        |            |             |              |        |                     |  |                       |              |  |  |
|                                    |                                                                             | Acid Preservative Lot Number             |            |             |              |        |                     |  |                       |              |  |  |



|                                                                                                                                               |                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| <b>RQ-2023-04-24-25</b>                                                                                                                       | <b>Collected By:</b> Matt Bearden, Katie March             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Matt Bearden, Katie March |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                               |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G2CE0249 | <b>Comments:</b>                                           |

**Location:** HOWELL CREEK 105M N OF RED BUG LAKE RD

**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) |
|-------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------|-------------------------------|-------------|------------------|--------------|-----------------|-----------------------|----------------|
| 4/17/2023<br>1108                         | 5.1                                                                         | 59.8                                     | 23.2                          | 6.93        | 0.15             | 0.3          | 0.3             | 145.2                 | 0.07           |
| Parameter Suite                           | Parameter Methods                                                           |                                          |                               |             | Preservation     |              | pH Check        | # Bottles sent to Lab | Bottle Group   |
| <b>Preserved Nutrients (P-500ML)</b>      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |                                          |                               |             | Ice              | H2SO4*       | <2              |                       |                |
|                                           | Lot #                                                                       |                                          | Exp:                          |             |                  |              |                 |                       |                |
| <b>Metals (P-500ML)</b>                   | W-ICPMS                                                                     |                                          | W-ICP                         | W-HARD      | Ice              | HNO3*        | <2              |                       |                |
|                                           | Lot #                                                                       |                                          | Exp:                          |             |                  |              |                 |                       |                |
| <b>Filtered Nutrients (P125ML)</b>        | W-PO4-F                                                                     |                                          | Field Filtered 0.45 µm Filter |             | Ice              |              |                 |                       |                |
|                                           | Filter Lot #                                                                |                                          | Syringe Lot #                 |             |                  |              |                 |                       |                |
| <b>BOD (BP-1L)</b>                        | OV-BODUNIN                                                                  |                                          |                               |             | Ice              |              |                 |                       |                |
| <b>Chlorophyll (BP-1L)</b>                | CHLSUITE-W                                                                  |                                          |                               |             | Ice              |              |                 |                       |                |
| <b>Physical/Aggregate (Fresh) (P-1L)</b>  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |                               |             | Ice              |              |                 |                       |                |
| <b>Physical/Aggregate (Marine) (P-1L)</b> | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                                          |                               |             | Ice              |              |                 |                       |                |
| <b>Macroinvertebrates (PJ-2L)</b>         | MI-FW-QLDC                                                                  | Formalin Lot #                           |                               |             | Formalin         |              |                 |                       |                |
| <b>Periphyton (PT-50ML)</b>               | ALGAE-ID                                                                    |                                          |                               |             | Ice              |              |                 |                       |                |
| <b>Microbiology (Contract Lab Bottle)</b> | X                                                                           | E Coli                                   | F Coli                        | Enterococci | x                | Ice          |                 | 1                     | C              |
|                                           | Contract Lab                                                                |                                          |                               |             |                  |              |                 |                       |                |
| <b>Molecular (QPCR-P-500ML)</b>           | PCR-HF183                                                                   |                                          | PCR-BacR                      | PCR-DG3     | Ice              |              |                 |                       |                |
|                                           | PCR-GULL2                                                                   |                                          | PCR-GFD                       |             |                  |              |                 |                       |                |
| <b>Tracers (BG-500ML)</b>                 | W-E8321-DI                                                                  |                                          | W-E8321-MS                    |             | Ice              |              |                 |                       |                |
| <b>Pesticides (BG-500ML) (BG-1L)</b>      | W-E8321-DI                                                                  | W-E8321-MS                               |                               | W-PSNP-TQ   | Ice              | MCAA Exp.    | MCAA Lot#       |                       |                |
|                                           | W-PCL-TQ-R                                                                  | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               | W-CT-CL-R   |                  |              |                 |                       |                |
|                                           | W-TR-SQ-R                                                                   | W-PCB-TQ-R                               |                               |             |                  |              |                 |                       |                |
| <b>Phytoplankton</b>                      | DTY-QN-C                                                                    |                                          | PKD-QN-BV                     |             | Ice              |              |                 |                       |                |
| <b>DOC</b>                                | W-DOC                                                                       | Field Filtered 0.45 µm Filter            |                               |             | Ice              | H2SO4*       | <2              |                       |                |
|                                           |                                                                             | Acid Preservative Expiration Date        |                               |             |                  |              |                 |                       |                |
|                                           |                                                                             | Acid Preservative Lot Number             |                               |             |                  |              |                 |                       |                |

Date of Request: 21-MAR-2023  
 Created By: BEARDEN\_M On: 21-MAR-2023  
 Modified By: JASROTIA\_P On: 05-APR-2023  
 Customer: CEN-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Central District  
 Event Description: Run 17

**Send Coolers To:**

Phone: 407-897-4123  
 FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Matthew Bearden  
 Cooler Ship EMail: matthew.bearden@floridadep.gov

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 05-APR-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 05-APR-2023  
 Sampling Kit Required: YES Ship on: 14-APR-2023  
 Sampling Kit Shipped: YES On: 07-APR-2023  
 Sampling Kit Packed By: PENDLETO\_C  
 Preservatives Needed: YES  
 Date to Receive Samples: 25-APR-2023  
 Logged In By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Matthew Bearden  
 Report Notification EMail:  
 matthew.bearden@floridadep.gov;jessie.atchison@floridadep.gov  
 v

Comments: #####

Buffer Solution for W-CARB-AA Bottle  
 1 vial per bottle

#####

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

|                               |                      |                                                                                                 |
|-------------------------------|----------------------|-------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML         | Number of Bottles: 1 | Preserved With: CH <sub>2</sub> ClCOOH and Ice                                                  |
| W-CARB-AA                     | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                          |
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 4 | Preserved With: ICE                                                                             |
| W-CT-CI-R                     | Template: DEFAULT    | (EPA 8276) Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization |
| W-PCB-TQ-R                    | Template: DEFAULT    | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                  |
| W-PCL-TQ-R                    | Template:            | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS    |
| Bottle Type: BG-500ML         | Number of Bottles: 1 | Preserved With: ICE                                                                             |
| W-E8321-DI                    | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS         |
| W-E8321-MS                    | Template: SMP        | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS         |
| Bottle Type: BG-500ML         | Number of Bottles: 4 | Preserved With: ICE                                                                             |
| W-PSNP-TQ                     | Template: DEFAULT    | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS              |
| W-TR-SQ-R                     | Template: DEFAULT    | (EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM          |

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

|                               |                      |                                                                                                            |
|-------------------------------|----------------------|------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WO-THI   | Number of Bottles: 1 | Preserved With: ICE                                                                                        |
| ECOLI-18QT                    | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 2 | Preserved With: ICE                                                                                        |
| W-CT-CI-R                     | Template: DEFAULT    | (EPA 8276) Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization            |
| W-PCB-TQ-R                    | Template: DEFAULT    | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                             |
| W-PCL-TQ-R                    | Template:            | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS               |
| Bottle Type: BG-500ML         | Number of Bottles: 1 | Preserved With: ICE                                                                                        |
| W-E8321-DI                    | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                    |
| W-E8321-MS                    | Template: SMP        | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                    |

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**Bottle Group C (Water) With 3 Samples:**

Bottle Type: P-250ML-WO-THI      Number of Bottles: 3      Preserved With: ICE  
ECOLI-18QT      Template: DEFAULT      (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

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\* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.