

# Login Checklist

RQ- 2022-01-31-19

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2/ 8 /22 @ 10:30

| *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 |                    |
| 0.3                 |                 |                                        |          | 10                                    |               | ✓  |          |    | 5225 5542 3684     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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: KK

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: KK

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

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

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

Coolers Unpacked/Checked by: KK

Date: 2/ 8 /22

Event contains NCRs (Y/N)? N

Event ID: Run 11  
CEN-DIST-2022-02-08-02 (SMP)

Date Received: 08-FEB-2022 10:30

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #5 EXP:10-19-22 |
| 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#0070 EXP:2-23           |

### 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:** 2/7/2022 **Collected By:** Elizabeth Bates, Terry Riordan  
**Customer:** CEN-DIST **Sampling Agency:** FDEP  
**RQ:** RQ-2022-01-31-19 **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                                                                                  |
|----------------------------------------|--------------------------------------------------------------------------------------------------|
| Howell Creek 105m N of Red Bug Lake Rd | <br>G2CE0249   |
| Howell Creek near Northern Way         | <br>G2CE0248   |
| Roberts Branch @ Curryville Rd         | <br>G3CE0011 |
| Roberts Branch @ Fort Christmas Rd N   | <br>G3CE0065 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 2/7/2022 1600  
EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: 1/1/1

Rec'd/Inspected  
Date: 2.8.22 / 1030



|                                                                                                                                 |                                                          |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| RQ-2022-01-31-19                                                                                                                | Collected By: Elizabeth Bates, Terry Riordan             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Elizabeth Bates, Terry Riordan |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                    |
| WIN ID/Field ID: <br>WIN ID/Field ID: G2CE0249 | Comments:                                                |

**Location:**

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)        |              |  |  |
|------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------|----------|---------------|------------------|--------------|-----------------|-----------------------|-----------------------|--------------|--|--|
| 2/7/2022<br>930                    | 8.58      | 88.6                                                                                                                             | 16.9     | 6.63          | 0.3              | 0.5          | 0.5             | 184.7                 | 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-BR-IC / 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 / Contract Lab                                                                                   |          |               |                  | x Ice        |                 |                       | 1                     | C            |  |  |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183 / PCR-BacR / PCR-DG3 / PCR-GULL2 / PCR-GFD                                                                             |          |               |                  | Ice          |                 |                       |                       |              |  |  |
| Tracers (BG-500ML)                 |           | W-E8321-DI / W-E8321-MS                                                                                                          |          |               |                  | Ice          |                 |                       |                       |              |  |  |
| Pesticides (BG-500ML) (BG-1L)      |           | W-E8321-DI / W-E8321-MS / W-PSNP-TQ / 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 |          |               |                  | Ice          |                 | MCAA Exp. / MCAA Lot# |                       |              |  |  |
| Phytoplankton                      |           | DTY-QN-C / PKD-QN-BV                                                                                                             |          |               |                  | Ice          |                 |                       |                       |              |  |  |



|                                                                                                                                 |                                                          |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| RQ-2022-01-31-19                                                                                                                | Collected By: Elizabeth Bates, Terry Riordan             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Elizabeth Bates, Terry Riordan |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                    |
| WIN ID/Field ID: <br>WIN ID/Field ID: G2CE0248 | Comments:                                                |

**Location:**  
**Location:** Howell Creek near Northern Way

Matrix: Fresh (Check One) ☒ Grab ☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. @ | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|---------------------|-----------|-----------|---------|------|------------------|--------------|-----------------|---------------------|----------------|
| 2/7/2022<br>952     | 8.86      | 91.4      | 16.8    | 6.52 | 0.3              | 0.6          | 0.6             | 183.9               | 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<br>Lot # _____ Exp: _____                                                    | Ice H2SO4*              | <2       |                       |              |
| Metals (P-500ML)                   | W-ICPMS W-ICP W-HARD<br>Lot # _____ Exp: _____                                                                           | Ice HNO3*               | <2       |                       |              |
| Filtered Nutrients (P125ML)        | W-PO4-F Field Filtered 0.45 µm Filter<br>Filter Lot # _____ Syringe Lot # _____                                          | Ice                     |          |                       |              |
| BOD (BP-1L)                        | OV-BODUNIN                                                                                                               | Ice                     |          |                       |              |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                                                               | Ice                     |          |                       |              |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS                                              | Ice                     |          |                       |              |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-BR-IC / 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<br>Contract Lab                                                                              | x Ice                   |          | 1                     | C            |
| Molecular (QPCR-P-500ML)           | PCR-HF183 PCR-BacR PCR-DG3<br>PCR-GULL2 PCR-GFD                                                                          | Ice                     |          |                       |              |
| Tracers (BG-500ML)                 | W-E8321-DI W-E8321-MS                                                                                                    | Ice                     |          |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI W-E8321-MS W-PSNP-TQ<br>W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) W-CT-CL-R<br>W-TR-SQ-R W-PCB-TQ-R | Ice MCAA Exp. MCAA Lot# |          |                       |              |
| Phytoplankton                      | DTY-QN-C PKD-QN-BV                                                                                                       | Ice                     |          |                       |              |



RQ-2022-01-31-19

Customer: FDEP

Project ID: SMP

Collected By: Elizabeth Bates, Terry Riordan

Field Report Prepared by: Elizabeth Bates, Terry Riordan

Sampling Agency: FDEP

WIN ID/Field ID: 

WIN ID/Field ID: G3CE0011

Comments:

Location:

Location: Roberts Branch @ Curryville Rd

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. © | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|---------------------|-----------|-----------|---------|------|------------------|--------------|-----------------|---------------------|----------------|
| 2/7/2022 1035       | 6.77      | 69        | 16.2    | 4.38 | 0.15             | 0.3          | 0.3             | 82                  | 0.04           |

| 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 | A  |   |   |
|                                    |                   | Lot # SA1105060                                                              |                                          | Exp: 4/30/22                  |              |             |          |           |                       |              |   |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                      | X                                        | W-ICP                         | X            | W-HARD      | X        | Ice       | X                     | HNO3*        | X | <2 | 1 | A |
|                                    |                   | Lot # NA1105100                                                              |                                          | Exp: 6/7/22                   |              |             |          |           |                       |              |   |    |   |   |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                      | X                                        | Field Filtered 0.45 µm Filter |              | X           | Ice      |           |                       |              | 1 | A  |   |   |
|                                    |                   | Filter Lot # 17135566                                                        |                                          | Syringe Lot # 1335260         |              |             |          |           |                       |              |   |    |   |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                   |                                          |                               |              |             | Ice      |           |                       |              |   |    |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                   |                                          |                               |              | X           | Ice      |           |                       |              |   |    |   |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS |                                          |                               |              | X           | Ice      |           |                       |              |   |    |   |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / 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            |   |    | A |   |
|                                    |                   | 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       |                       |              |   |    |   |   |



|                                                                                                                                 |                                                          |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| RQ-2022-01-31-19                                                                                                                | Collected By: Elizabeth Bates, Terry Riordan             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Elizabeth Bates, Terry Riordan |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                    |
| WIN ID/Field ID: <br>WIN ID/Field ID: G3CE0065 | Comments:                                                |

**Location:**

Location: Roberts Branch @ Fort Christmas Rd N

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)        |              |        |  |  |
|------------------------------------|-----------|-----------------------------------------------------------------------------|----------|------------------------------------------|------------------|-------------------------------|-----------------|---------------------|-----------------------|--------------|--------|--|--|
| 2/7/2022<br>1117                   | 5.44      | 53.5                                                                        | 14.6     | 3.31                                     | 0.3              | 0.8                           | 0.8             | 101.2               | 0.05                  |              |        |  |  |
| 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)                   |           | x                                                                           | W-ICPMS  | x                                        | W-ICP            | x                             | W-HARD          | x                   | Ice                   | x            | HNO3*  |  |  |
|                                    |           | Lot #                                                                       |          | NA115100                                 |                  | Exp:                          |                 | 6/7/22              |                       | 1            | B      |  |  |
| Filtered Nutrients (P125ML)        |           | W-PQ4-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-BR-IC / 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<br>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                     |                 | MCAA Exp.           |                       | MCAA Lot#    |        |  |  |
|                                    |           | W-PCL-TQ-R                                                                  |          | W-CARB-AA (5 ml of MCAA Buffer Solution) |                  | W-CT-CL-R                     |                 | Ice                 |                       |              |        |  |  |
|                                    |           | W-TR-SQ-R                                                                   |          | W-PCB-TQ-R                               |                  |                               |                 |                     |                       |              |        |  |  |
| Phytoplankton                      |           | DTY-QN-C                                                                    |          | PKD-QN-BV                                |                  | Ice                           |                 |                     |                       |              |        |  |  |

Date of Request: 05-JAN-2022  
 Created By: BEARDEN\_M On: 05-JAN-2022  
 Modified By: JASROTIA\_P On: 12-JAN-2022  
 Customer: CEN-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Central District  
 Event Description: Run 11

**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: 12-JAN-2022  
 Biology Request Reviewed By: JASROTIA\_P On: 12-JAN-2022  
 Sampling Kit Required: YES Ship on: 21-JAN-2022  
 Sampling Kit Shipped: YES On: 16-JAN-2022  
 Sampling Kit Packed By: ROBERTS\_Z  
 Preservatives Needed: NO  
 Date to Receive Samples: 01-FEB-2022  
 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; victoria.schwartz@floridadep.gov

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

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | 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    | (DEP SOP: NU-094-1) 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: 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 B Quanti-Tray) Escherichia coli by Collert 18 Quanti-Tray method - non-chlorinated water systems                                      |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-HARD                      | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                                    |
| Hardness                    |                      |                                                                                                                                                |
| W-ICP                       | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |
| Sodium                      |                      |                                                                                                                                                |
| Strontium                   |                      |                                                                                                                                                |
| Tin                         |                      |                                                                                                                                                |



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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Titanium             |                      |                                                                                                                                                |
| Vanadium             |                      |                                                                                                                                                |
| Zinc                 |                      |                                                                                                                                                |
| W-ICPMS              | Template: DEFAULT    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron               |                      |                                                                                                                                                |
| Aluminum             |                      |                                                                                                                                                |
| Antimony             |                      |                                                                                                                                                |
| Arsenic              |                      |                                                                                                                                                |
| Barium               |                      |                                                                                                                                                |
| Beryllium            |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Cobalt               |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Manganese            |                      |                                                                                                                                                |
| Molybdenum           |                      |                                                                                                                                                |
| Nickel               |                      |                                                                                                                                                |
| Selenium             |                      |                                                                                                                                                |
| Silver               |                      |                                                                                                                                                |
| Thallium             |                      |                                                                                                                                                |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | 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: 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 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: P-500ML        | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-HARD                      | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                                |
| Hardness                    |                      |                                                                                                                                                |
| W-ICP                       | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |
| Sodium                      |                      |                                                                                                                                                |
| Strontium                   |                      |                                                                                                                                                |
| Tin                         |                      |                                                                                                                                                |
| Titanium                    |                      |                                                                                                                                                |
| Vanadium                    |                      |                                                                                                                                                |
| Zinc                        |                      |                                                                                                                                                |
| W-ICPMS                     | Template: DEFAULT    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron                      |                      |                                                                                                                                                |
| Aluminum                    |                      |                                                                                                                                                |
| Antimony                    |                      |                                                                                                                                                |
| Arsenic                     |                      |                                                                                                                                                |
| Barium                      |                      |                                                                                                                                                |
| Beryllium                   |                      |                                                                                                                                                |
| Cadmium                     |                      |                                                                                                                                                |

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

Bottle Type: P-500ML      Number of Bottles: 1      Preserved With: HNO3  
W-ICPMS      Template: DEFAULT      (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Chromium  
Cobalt  
Copper  
Lead  
Manganese  
Molybdenum  
Nickel  
Selenium  
Silver  
Thallium

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

Bottle Type: P-250ML-WO-THI      Number of Bottles: 2      Preserved With: ICE  
ECOLI-18QT      Template: DEFAULT      (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

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