

RQ- 2023-11-08-44

## Login Checklist

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11/8/23 @0945

| *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 |                    |
| 1                   |                 |                                        |          | 11                                    |               | x  |          |    | 89648484596597     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

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

- If the temperature of a cooler exceeds 6.0 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 X No \_\_\_\_\_

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

Yes \_\_\_\_\_ No X

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken?

Yes \_\_\_\_\_ No \_\_\_\_\_ Containers intact? Yes X No \_\_\_\_\_

Caps on tight?

Yes X No \_\_\_\_\_

Sufficient Sample Volume:

Yes X 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 X No \_\_\_\_\_ Init: BKK

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No X Init: BKK

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

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

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

Yes X No \_\_\_\_\_ NA \_\_\_\_\_ Init: BKK

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Init: BKK

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

Coolers Unpacked/Checked by: BKK

Date: 11/8/23

Event contains NCRs (Y/N)? N

Pace Run

EventID NJ-DIST-2023-11-08-02 (SMP)

Date Received: 08-NOV-2023 09:45

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                               |
|--------------------------|-------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #3 Exp:10/16/2024 |
| pH Test Strips 0 – 6     | Lot#223819BV   Exp:8/15/24    |
| pH Paper 0 – 3           |                               |
| pH Paper 0 – 13          | Lot#207621   Exp:3/15/24      |
| Chlorine Test Strips     | Lot#2313   Exp:7/25           |

### 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:** 11/7/2023      **Collected By:** Frank Butera, C. Stopher Slade  
**Customer:** NW-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2023-11-06-44      **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                                                                                  |
|-------------------------------------|--------------------------------------------------------------------------------------------------|
| BEAR CREEK 40M BLW LAKE DAM OUTFALL | <br>G4NW0001   |
| COLDWATER CREEK WEST FORK ON CR 178 | <br>G4NW0016   |
| POND CREEK UPSTREAM OF HWY 182      | <br>G4NW0007 |
| BIG COLDWATER CR E FORK HWY 4       | <br>G4NW0030 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 11/7/2023  
1600 CEN

## THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By:



Rec'd/Inspected

Date: 11/8/23 0945



RQ-2023-11-06-44

Collected By: Frank Butera, C. Stopher Slade

Customer: FDEP

Field Report Prepared by: Frank Butera, C. Stopher Slade

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



Comments: Microbiology sample(s) submitted to contract laboratory.

WIN ID/Field ID: G4NW0001

Location: BEAR CREEK 40M BLW LAKE DAM OUTFALL

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {CEN} | DO (mg/L) | DO (%SAT) | Temp. °C | pH  | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|---------------------|-----------|-----------|----------|-----|------------------|--------------|-----------------|--------------------|----------------|
| 11/7/2023 950       | 2.5       | 25        | 15.4     | 5.2 | 0.3              | 0.51         | 0.51            | 45                 | 0.02           |

  

| 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 #                                                                        |                | SA3013020                                | Exp:                          | 01/25/2024  |          |        |                       |              |       |   |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                      |                | X                                        | W-ICP                         | X           | W-HARD   | X      | Ice                   | X            | HNO3* | X | <2 | 1 | A |
|                                    |                   | Lot #                                                                        |                | NA312030                                 | Exp:                          | 05/10/2024  |          |        |                       |              |       |   |    |   |   |
| 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)                | X                 | CHLSUITE-W                                                                   |                |                                          |                               | X           | Ice      |        |                       | 1            | A     |   |    |   |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                |                                          |                               | X           | Ice      |        |                       | 1            | A     |   |    |   |   |
| 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     | A |    |   |   |
|                                    | X                 | 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 (BP-1L)              |                   | DTY-QN-C                                                                     |                |                                          | PKD-QN-BV                     |             |          | Ice    |                       |              |       |   |    |   |   |
| DOC (P-500ML)                      |                   | W-DOC                                                                        |                |                                          | Field Filtered 0.45 µm Filter |             |          | Ice    |                       | H2SO4*       |       |   |    |   |   |
|                                    |                   | Acid Preservative Expiration Date                                            |                |                                          |                               |             |          |        | <2                    |              |       |   |    |   |   |
|                                    |                   | Acid Preservative Lot Number                                                 |                |                                          |                               |             |          |        |                       |              |       |   |    |   |   |



RQ-2023-11-06-44

Collected By: Frank Butera, C. Stopher Slade

Customer: FDEP

Field Report Prepared by: Frank Butera, C. Stopher Slade

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4NW0016

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: COLDWATER CREEK WEST FORK ON CR 178

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {CEN} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 11/7/2023 1104      | 9.61      | 97.5      | 16       | 5.88 | 0.35             | 0.74         | 0.74            | 57                  | 0.03            |

  

| Parameter Suite                    | Parameter Methods |                                                                              |                                          |                                   | Preservation |             | pH Check |           | # Bottles sent to Lab | Bottle Group |    |   |
|------------------------------------|-------------------|------------------------------------------------------------------------------|------------------------------------------|-----------------------------------|--------------|-------------|----------|-----------|-----------------------|--------------|----|---|
| Preserved Nutrients (P-500ML)      | X                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                                          |                                   | X            | Ice         | X        | H2SO4*    | X                     | <2           | 1  | B |
|                                    |                   | Lot #                                                                        |                                          | SA3013020                         | Exp:         | 01/25/2024  |          |           |                       |              |    |   |
| 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)                | X                 | CHLSUITE-W                                                                   |                                          |                                   |              | X           | Ice      |           |                       | 1            | B  |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TD5 |                                          |                                   |              | X           | Ice      |           |                       | 1            | B  |   |
| 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  |   |
|                                    | X                 | Contract Lab                                                                 |                                          |                                   |              |             |          |           |                       |              |    |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                    |                                          | PCR-BacR                          |              | PCR-DG3     |          | Ice       |                       |              |    |   |
|                                    |                   | PCR-GULL2                                                                    |                                          | PCR-GFD                           |              |             |          |           |                       |              |    |   |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                   |                                          | X                                 | W-E8321-MS   |             |          | Ice       |                       |              |    |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                   | W-E8321-MS                               |                                   | X            | W-PSNP-TQ   |          | MCAA Exp. | MCAA Lot#             | 4            | B  |   |
|                                    | X                 | W-PCL-TQ-R                                                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |                                   | X            | W-CT-CL-R   | X        | Ice       |                       |              |    |   |
|                                    | X                 | W-TR-SQ-R                                                                    | X                                        | W-PCB-TQ-R                        |              |             |          |           |                       |              |    |   |
| Phytoplankton (BP-1L)              |                   | DTY-QN-C                                                                     |                                          | PKD-QN-BV                         |              |             | Ice      |           |                       |              |    |   |
| DOC (P-500ML)                      |                   | W-DOC                                                                        |                                          | Field Filtered 0.45 µm Filter     |              |             | Ice      |           | H2SO 4*               |              | <2 |   |
|                                    |                   |                                                                              |                                          | Acid Preservative Expiration Date |              |             |          |           |                       |              |    |   |
|                                    |                   |                                                                              |                                          | Acid Preservative Lot Number      |              |             |          |           |                       |              |    |   |



|                  |                                                          |
|------------------|----------------------------------------------------------|
| RQ-2023-11-06-44 | Collected By: Frank Butera, C. Stopher Slade             |
| Customer: FDEP   | Field Report Prepared by: Frank Butera, C. Stopher Slade |
| Project ID: SMP  | Sampling Agency: FDEP                                    |

WIN ID/Field ID:   
WIN ID/Field ID: G4NW0007

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: POND CREEK UPSTREAM OF HWY 182

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time {CEN}                | DO (mg/L)                                                                 | DO (%SAT)                                | Temp. °C | pH          | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm)   | Salinity (PPT) |  |  |
|------------------------------------|---------------------------------------------------------------------------|------------------------------------------|----------|-------------|------------------|--------------|-----------------|-----------------------|----------------|--|--|
| 11/7/2023 1146                     | 8.86                                                                      | 90.9                                     | 16.6     | 5.74        | 0.07             | 0.15         | 0.15            | 48.4                  | 0.02           |  |  |
| 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-CHC / 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 Coll   | Enterococci | x 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)      | 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 (BP-1L)              | DTY-QN-C / PKD-QN-BV                                                      |                                          |          |             | Ice              |              | <2              |                       |                |  |  |
| DOC (P-500ML)                      | W-DOC                                                                     | Field Filtered 0.45 µm Filter            |          |             | Ice              | H2SO4*       |                 |                       |                |  |  |
|                                    |                                                                           | Acid Preservative Expiration Date        |          |             |                  |              |                 |                       |                |  |  |
|                                    |                                                                           | Acid Preservative Lot Number             |          |             |                  |              |                 |                       |                |  |  |



RQ-2023-11-06-44

Customer: FDEP

Project ID: SMP

Collected By: Frank Butera,

Field Report Prepared by: Frank Butera,

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4NW0030

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: BIG COLDWATER CR E FORK HWY 4

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {CEN} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 11/7/2023 1040      | 10.18     | 102.3     | 15.7     | 5.32 | 0.08             | 0.16         | 0.16            | 22.4                | 0.01            |

  

| 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 um 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-CHC / 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            |
|                                    | X 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          |           |                       |              |
|                                    | W-E8321-DI                                                                 | W-E8321-MS     | W-PSNP-TQ                                |             |              | MCAA Exp. | MCAA Lot#             |              |
| Pesticides (BG-500ML) (BG-1L)      | W-PCL-TQ-R                                                                 |                | W-CARB-AA (5 ml of MCAA Buffer Solution) |             | Ice          |           |                       |              |
|                                    | W-TR-SQ-R                                                                  |                | W-PCB-TQ-R                               |             |              |           |                       |              |
| Phytoplankton (BP-1L)              | DTY-QN-C                                                                   |                | PKD-QN-BV                                |             | Ice          |           |                       |              |
| DOC (P-500ML)                      | W-DOC                                                                      |                | Field Filtered 0.45 um Filter            |             | Ice          | H2SO4*    | <2                    |              |
|                                    |                                                                            |                | Acid Preservative Expiration Date        |             |              |           |                       |              |
|                                    |                                                                            |                | Acid Preservative Lot Number             |             |              |           |                       |              |

SAMPLE TRANSMITTAL FORM  
Document Reference # 05.1.0

Project: FDEP

Laboratory: UWF Wetlands Research Laboratory

Sampler's initials: JS

Method of transport: on ice by hand

Page 1 of 1

Samples delivered by: FB of FDEP

Date/Time: 11-7-2023 11:47

Sample received by: JS of WRL

Date/Time: 11/07/23 11:47

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

| Lab ID   | Sample ID                          | Matrix <sup>1</sup> | Type <sup>2</sup> | Container Type  | Analyses Requested     | Preservative                                      | Sample (°C) <sup>3</sup> | Sampling Date/Time |
|----------|------------------------------------|---------------------|-------------------|-----------------|------------------------|---------------------------------------------------|--------------------------|--------------------|
| 23-52145 | G4NW0001 Bear Creek                | SW/FW               | G                 | Sterile plastic | Escherichia coli 18-QT | ice/Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 4.1                      | 11-7-23/9:54       |
| 23-52146 | G4NW0007 Pond Creek                | SW/FW               | G                 | Sterile plastic | Escherichia coli 18-QT | ice/Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 4.1                      | 11-7-23/11:46      |
| 23-52147 | G4NW0016 Coldwater Creek West Fork | SW/FW               | G                 | Sterile plastic | Escherichia coli 18-QT | ice/Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 4.2                      | 11-7-23/11:46      |
| 23-52148 | G4NW0030 Big Coldwater CR E FORK   | SW/FW               | G                 | Sterile plastic | Escherichia coli 18-QT | ice/Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> | 5.1                      | 11-7-23/10:40      |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |
|          |                                    |                     |                   |                 |                        |                                                   |                          |                    |

Comments: Sample Container lot# 21347

PO # C1E884

Surface water, no chlorine expected

RQ -2023-11-06-44

Contact organization FDEP

Contact name Stopher Slade

Phone: 850-595-8300

Address 160 Governmental Center, suite 308, Pensacola, FL 32502

Sampler's name: Frank Butera, Stopher Slade

<sup>1</sup>Matrix examples: SW = surface water, PW = pore water, GW = ground water, FW = Freshwater, MW = Marine Water, BW = Brackish Water, S = soil/sediment, Other X =

<sup>2</sup>Type codes: G = grab, C = composite, X =

<sup>3</sup>Recorded using IRT-2

Date of Request: 12-OCT-2023  
 Created By: SLADE\_C On: 12-OCT-2023  
 Modified By: JASROTIA\_P On: 19-OCT-2023  
 Customer: NW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northwest District  
 Event Description: Pace Run

**Send Coolers To:**

Phone: 850-595-0567  
 160 W Government Street  
 Suite 208  
 Pensacola, FL 32502-5794  
 Attn: Stopher Slade  
 Cooler Ship EMail: christopher.slade@floridadep.gov

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 19-OCT-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 19-OCT-2023  
 Sampling Kit Required: YES Ship on: 27-OCT-2023  
 Sampling Kit Shipped: YES On: 23-OCT-2023  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 06-NOV-2023  
 Logged In By:

**Send Final Report To:**

160 W Government Street  
 Suite 208  
 Pensacola, FL 32502-5794  
 Attn: Myranda Butler  
 Report Notification EMail:  
 christopher.slade@floridadep.gov;Myranda.k.butler@floridadep.gov;

Comments: Group A: (WBID 179) Nutrients, Metals, Contract Lab Bacteria  
 Group B: (WBID 11A) Nutrients, Limited Pesticides, Contract Lab Bacteria  
 Group C: (WBID 18A, 176) Contract Lab Bacteria  
 Group D: (Field Blank) Nutrients no Chlorophyll

Packing notes:

FedEx labels

**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 CaCO3/L                                           |
| TURBIDITY                | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                      |
| W-CL-IC                  | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                       |
| W-COLOR                  | Template: DEFAULT    | (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-SO4-IC                 | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS                    | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS                    | Template: DEFAULT    | (SM 2540 D-2015) 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 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry   |
| Bottle Type: TEST HAS NO | Number of Bottles: 1 | Preserved With: ICE                                                                                     |

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

|                          |                      |                                                                                                                                                |
|--------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: TEST HAS NO | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| NW-UWF-ECQ               | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola                                                                          |
| Bottle Type: P-500ML     | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-HARD                   | Template: DEFAULT    | (SM 2340 B-2011) 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                    |
| Aluminum                 |                      |                                                                                                                                                |
| Antimony                 |                      |                                                                                                                                                |
| Arsenic                  |                      |                                                                                                                                                |
| Barium                   |                      |                                                                                                                                                |
| Beryllium                |                      |                                                                                                                                                |
| Boron                    |                      |                                                                                                                                                |
| 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 Group B (Water) With 1 Samples:**

|                      |                      |                                                                                                         |
|----------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| 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-1L    | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| ALKALINITY           | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                           |
| TURBIDITY            | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                      |
| W-CL-IC              | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                       |
| W-COLOR              | Template: DEFAULT    | (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-SO4-IC             | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS                | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS                | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample         |

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

|                               |                      |                                                                                                       |
|-------------------------------|----------------------|-------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L            | Number of Bottles: 1 | Preserved With: ICE                                                                                   |
| CHLSUITE-W                    | Template: DEFAULT    | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: TEST HAS NO      | Number of Bottles: 1 | Preserved With: ICE                                                                                   |
| NW-UWF-ECQ                    | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola                                 |
| 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 Group C (Water) With 2 Samples:**

|                          |                      |                                                                       |
|--------------------------|----------------------|-----------------------------------------------------------------------|
| Bottle Type: TEST HAS NO | Number of Bottles: 2 | Preserved With: ICE                                                   |
| NW-UWF-ECQ               | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola |

**Bottle Group D (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-SO4-IC                          | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |
| W-TDS                             | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                                                                    |
| W-TSS                             | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |
| Bottle Type: P-500ML              | Number of Bottles: 1 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| 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                    |
| Aluminum                          |                      |                                                                                                                                                |
| Antimony                          |                      |                                                                                                                                                |
| Arsenic                           |                      |                                                                                                                                                |
| Barium                            |                      |                                                                                                                                                |
| Beryllium                         |                      |                                                                                                                                                |
| Boron                             |                      |                                                                                                                                                |
| Cadmium                           |                      |                                                                                                                                                |
| Chromium                          |                      |                                                                                                                                                |
| Cobalt                            |                      |                                                                                                                                                |
| Copper                            |                      |                                                                                                                                                |
| Lead                              |                      |                                                                                                                                                |
| Manganese                         |                      |                                                                                                                                                |
| Molybdenum                        |                      |                                                                                                                                                |
| Nickel                            |                      |                                                                                                                                                |
| Selenium                          |                      |                                                                                                                                                |
| Silver                            |                      |                                                                                                                                                |
| Thallium                          |                      |                                                                                                                                                |
| Bottle Type: P-500ML              | Number of Bottles: 1 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                                                         |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                                                     |
| W-NO <sub>2</sub> NO <sub>3</sub> | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                                             |

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

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                       |
| 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    |

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