

RQ- 2022-12-12-16

## Login Checklist

Login Station ID: #4

Shipping Method: fedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/21/2022 10:17

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 0.2                 |                 |                                        |          | 15                                    |               | X  |          |    | 5859 47313237      |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 ✓ No \_\_\_\_\_

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

Yes ✓ No \_\_\_\_\_

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X 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: NR

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No X Init: NR

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

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

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

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

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

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

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

Coolers Unpacked/Checked by: NRDate: 12/21/2022 Event contains NCRs (Y/N)? NEvent ID: Navarre Run  
NW-DIST-2022-12-21-02 (SMP)

Date Received: 21-DEC-2022 10:17

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

|                          |                                 |
|--------------------------|---------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #4 Exp:10/17/2023   |
| pH Test Strips 0 – 6     | LOT# 223819AV Exp: AUG 30, 2023 |
| pH Paper 0 – 3           | N/A                             |
| pH Paper 0 – 13          | LOT# 207621 Exp: March 15, 2024 |
| Chlorine Test Strips     | LOT# 0070 Exp: Feb. 2023        |

### Additional Comments:

1x PCR      2x turbidity

10:40      11:05am

12/21/22      12/21/22

*Chandler*      *AD*

### 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:** 12/19/2022  
**Customer:** NW-DIST  
**RQ:** RQ-2022-12-12-16

**Collected By:** Lauren McNally, C. Stopher Slade  
**Sampling Agency:** FDEP  
**Project ID:** SMP

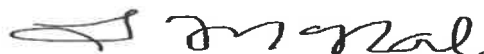
PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL  
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

**Number of Coolers Shipped:** 1      **Delivery Method:** FedEx

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

| Site Location                     | Field ID/WIN ID                                                                                     |
|-----------------------------------|-----------------------------------------------------------------------------------------------------|
| Tom King Creek                    | <br>G4NW0193      |
| Williams Creek upstream of Hwy 98 | <br>G4NW0531      |
| FB                                | <br>FB_12192022 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 12/19/2022

1630 CEN

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: 

Rec'd/Inspected  
Date: 12-21-2022



|                  |                                                            |
|------------------|------------------------------------------------------------|
| RQ-2022-12-12-16 | Collected By: Lauren McNally, C. Stopher Slade             |
| Customer: FDEP   | Field Report Prepared by: Lauren McNally, C. Stopher Slade |
| Project ID: SMP  | Sampling Agency: FDEP                                      |

WIN ID/Field ID:



WIN ID/Field ID: G4NW0193

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

Location: Tom King Creek

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{CEN}             | DO<br>(mg/L)                      | DO<br>(%SAT)                                                                 | Temp. °C                      | pH                                          | Sample<br>Depth (m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos /cm) | Salinity<br>(PPTH) |                          |                 |   |   |   |     |   |   |
|------------------------------------|-----------------------------------|------------------------------------------------------------------------------|-------------------------------|---------------------------------------------|---------------------|-----------------|-----------------------|------------------------|--------------------|--------------------------|-----------------|---|---|---|-----|---|---|
| 12/19/2022<br>1110                 | 8.8                               | 86.3                                                                         | 15.1                          | 5.6                                         | 0.05                | 0.1             | 0.1                   | 130.3                  | 0.06               |                          |                 |   |   |   |     |   |   |
| Parameter Suite                    |                                   | Parameter Methods                                                            |                               |                                             |                     | Preservation    |                       | pH Check               |                    | # Bottles<br>sent to Lab | Bottle<br>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 #                                                                        |                               | 2145160                                     |                     | Exp:            | 6/2/23                |                        |                    |                          |                 |   |   |   |     |   |   |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                      |                               | W-ICP                                       |                     |                 | 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)                | 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)           | X                                 | PCR-HF183                                                                    |                               | X                                           | PCR-BacR            |                 | X                     | PCR-DG3                | X                  | Ice                      | 1               | A |   |   |     |   |   |
|                                    |                                   | PCR-GULL2                                                                    |                               | PCR-GFD                                     |                     |                 |                       |                        |                    |                          |                 |   |   |   |     |   |   |
| Tracers (BG-500ML)                 | x                                 | W-E8321-DI                                                                   |                               | x                                           | W-E8321-MS          |                 | Ice                   |                        |                    | 1                        | A               |   |   |   |     |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                                   | W-E8321-DI                                                                   |                               | W-E8321-MS                                  |                     | W-PSNP-TQ       |                       | x                      | Ice                | MCAA<br>Exp.             | MCAA<br>Lot#    | 4 | A |   |     |   |   |
|                                    | X                                 | W-PCL-TQ-R                                                                   |                               | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                     | X               | W-CT-CL-R             |                        |                    |                          |                 |   |   |   |     |   |   |
|                                    |                                   | W-TR-SQ-R                                                                    |                               | X                                           | W-PCB-TQ-R          |                 |                       |                        |                    |                          |                 |   |   |   |     |   |   |
| Phytoplankton                      |                                   | DTY-QN-C                                                                     |                               | PKD-QN-BV                                   |                     |                 | Ice                   |                        |                    |                          |                 |   |   |   |     |   |   |
| DOC                                |                                   | W-DOC                                                                        | Field Filtered 0.45 um Filter |                                             |                     | Ice             |                       | H2SO<br>4*             |                    | <2                       |                 |   |   |   |     |   |   |
|                                    | Acid Preservative Expiration Date |                                                                              |                               |                                             |                     |                 |                       |                        |                    |                          |                 |   |   |   |     |   |   |
|                                    | Acid Preservative Lot Number      |                                                                              |                               |                                             |                     |                 |                       |                        |                    |                          |                 |   |   |   |     |   |   |

WIN ID/Field ID:   
WIN ID/Field ID: G4NW0531

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

**Location:** Williams Creek upstream of Hwy 98

Matrix: Fresh

(Check One)    ☒ **Grab**    ☐ **Composite**

| Date and Time<br>{CEN}             | DO<br>(mg/L) | DO<br>(%SAT)                         | Temp. °C                                                                     | pH                                          | Sample<br>Depth (m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos /cm) | Salinity<br>(PPTH) |                          |                 |   |       |   |    |   |     |     |   |   |
|------------------------------------|--------------|--------------------------------------|------------------------------------------------------------------------------|---------------------------------------------|---------------------|-----------------|-----------------------|------------------------|--------------------|--------------------------|-----------------|---|-------|---|----|---|-----|-----|---|---|
| 12/19/2022<br>1145                 | 5.66         | 50.8                                 | 12.9                                                                         | 6.49                                        | 0.3                 | 0.8             | 0.8                   | 2190                   | 1.19               |                          |                 |   |       |   |    |   |     |     |   |   |
| Parameter Suite                    |              | Parameter Methods                    |                                                                              |                                             |                     | Preservation    |                       | pH Check               |                    | # Bottles<br>sent to Lab | Bottle<br>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 #                                |                                                                              | 2145160                                     |                     | Exp:            |                       | 6/2/23                 |                    |                          |                 |   |       |   |    |   |     |     |   |   |
| Metals (P-500ML)                   |              | x                                    | W-ICPMS                                                                      |                                             | X                   | W-ICP           |                       | X                      | W-HARD             | X                        | Ice             | X | HNO3* | X | <2 | 1 | B   |     |   |   |
|                                    |              | Lot #                                |                                                                              | 1105100                                     |                     | Exp:            |                       | 6/7/23                 |                    |                          |                 |   |       |   |    |   |     |     |   |   |
| 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- TDS |                                             |                     |                 |                       | 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 |
|                                    |              | 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<br>Exp.       | MCAA<br>Lot#             |                 |   |       |   |    |   |     |     |   |   |
|                                    |              | W-PCL-TQ-R                           |                                                                              | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                     | W-CT-CL-R       |                       |                        |                    |                          |                 |   |       |   |    |   |     |     |   |   |
|                                    |              | W-TR-SQ-R                            |                                                                              | W-PCB-TQ-R                                  |                     |                 |                       |                        |                    |                          |                 |   |       |   |    |   |     |     |   |   |
| Phytoplankton                      |              | DTY-QN-C                             |                                                                              | PKD-QN-BV                                   |                     |                 |                       | Ice                    |                    |                          |                 |   |       |   |    |   |     |     |   |   |
| DOC                                |              | W-DOC                                |                                                                              | Field Filtered 0.45 µm Filter               |                     |                 | Ice                   |                        | H2SO<br>4*         |                          | <2              |   |       |   |    |   |     |     |   |   |
|                                    |              |                                      |                                                                              | Acid Preservative Expiration Date           |                     |                 |                       |                        |                    |                          |                 |   |       |   |    |   |     |     |   |   |
|                                    |              |                                      |                                                                              | Acid Preservative Lot Number                |                     |                 |                       |                        |                    |                          |                 |   |       |   |    |   |     |     |   |   |



|                                                                                                                                                  |                                                                             |                                          |                               |             |                                                                                         |                     |                        |                              |                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------|-------------------------------|-------------|-----------------------------------------------------------------------------------------|---------------------|------------------------|------------------------------|---------------------------|
| RQ-2022-12-12-16                                                                                                                                 |                                                                             |                                          |                               |             | <b>Collected By:</b> Lauren McNally, C. Stopher Slade                                   |                     |                        |                              |                           |
| Customer: FDEP                                                                                                                                   |                                                                             |                                          |                               |             | <b>Field Report Prepared by:</b> Lauren McNally, C. Stopher Slade                       |                     |                        |                              |                           |
| Project ID: SMP                                                                                                                                  |                                                                             |                                          |                               |             | <b>Sampling Agency:</b> FDEP                                                            |                     |                        |                              |                           |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> FB_12192022 |                                                                             |                                          |                               |             | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory.               |                     |                        |                              |                           |
| <b>Location:</b> FB                                                                                                                              |                                                                             |                                          |                               |             |                                                                                         |                     |                        |                              |                           |
| Matrix: W-FIELD-BLANK                                                                                                                            |                                                                             |                                          |                               |             | (Check One) <input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite |                     |                        |                              |                           |
| <b>Date and Time</b><br>{CEN}                                                                                                                    | <b>DO</b><br>(mg/L)                                                         | <b>DO</b><br>(%SAT)                      | <b>Temp. °C</b>               | <b>pH</b>   | <b>Sample Depth (m)</b>                                                                 | <b>Secchi Depth</b> | <b>Total Depth (m)</b> | <b>Sp COND</b><br>(µmhos/cm) | <b>Salinity</b><br>(PPTH) |
| 12/19/2022<br>1115                                                                                                                               |                                                                             |                                          |                               |             |                                                                                         |                     |                        |                              |                           |
| <b>Parameter Suite</b>                                                                                                                           | <b>Parameter Methods</b>                                                    |                                          |                               |             | <b>Preservation</b>                                                                     |                     | <b>pH Check</b>        | <b># Bottles sent to Lab</b> | <b>Bottle Group</b>       |
| <b>Preserved Nutrients (P-500ML)</b>                                                                                                             | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |                                          |                               |             | Ice                                                                                     | H2SO4*              | <2                     |                              |                           |
|                                                                                                                                                  | Lot #                                                                       |                                          | Exp:                          |             |                                                                                         |                     |                        |                              |                           |
| <b>Metals (P-500ML)</b>                                                                                                                          | W-ICPMS                                                                     |                                          | W-ICP                         | W-HARD      | Ice                                                                                     | HNO3*               | <2                     |                              |                           |
|                                                                                                                                                  | Lot #                                                                       |                                          | Exp:                          |             |                                                                                         |                     |                        |                              |                           |
| <b>Filtered Nutrients (P125ML)</b>                                                                                                               | W-PO4-F                                                                     |                                          | Field Filtered 0.45 µm Filter |             | Ice                                                                                     |                     |                        |                              |                           |
|                                                                                                                                                  | Filter Lot #                                                                |                                          | Syringe Lot #                 |             |                                                                                         |                     |                        |                              |                           |
| <b>BOD (BP-1L)</b>                                                                                                                               | OV-BODUNIN                                                                  |                                          |                               |             | Ice                                                                                     |                     |                        |                              |                           |
| <b>Chlorophyll (BP-1L)</b>                                                                                                                       | CHLSUITE-W                                                                  |                                          |                               |             | Ice                                                                                     |                     |                        |                              |                           |
| <b>Physical/Aggregate (Fresh) (P-1L)</b>                                                                                                         | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |                               |             | Ice                                                                                     |                     |                        |                              |                           |
| <b>Physical/Aggregate (Marine) (P-1L)</b>                                                                                                        | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                                          |                               |             | Ice                                                                                     |                     |                        |                              |                           |
| <b>Macroinvertebrates (PJ-2L)</b>                                                                                                                | MI-FW-QLDC                                                                  | Formalin Lot #                           |                               |             | Formalin                                                                                |                     |                        |                              |                           |
| <b>Periphyton (PT-50ML)</b>                                                                                                                      | ALGAE-ID                                                                    |                                          |                               |             | Ice                                                                                     |                     |                        |                              |                           |
| <b>Microbiology (Contract Lab Bottle)</b>                                                                                                        | E Coli                                                                      |                                          | F Coli                        | Enterococci | Ice                                                                                     |                     |                        |                              |                           |
|                                                                                                                                                  | Contract Lab                                                                |                                          |                               |             |                                                                                         |                     |                        |                              |                           |
| <b>Molecular (QPCR-P-500ML)</b>                                                                                                                  | PCR-HF183                                                                   |                                          | PCR-BacR                      | PCR-DG3     | Ice                                                                                     |                     |                        |                              |                           |
|                                                                                                                                                  | PCR-GULL2                                                                   |                                          | PCR-GFD                       |             |                                                                                         |                     |                        |                              |                           |
| <b>Tracers (BG-500ML)</b>                                                                                                                        | W-E8321-DI                                                                  |                                          | W-E8321-MS                    |             | Ice                                                                                     |                     |                        |                              |                           |
| <b>Pesticides (BG-500ML) (BG-1L)</b>                                                                                                             | W-E8321-DI                                                                  | W-E8321-MS                               |                               | W-PSNP-TQ   | x Ice                                                                                   | MCAA Exp.           | MCAA Lot#              | 2                            | C                         |
|                                                                                                                                                  | x W-PCL-TQ-R                                                                | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               | x W-CT-CL-R |                                                                                         |                     |                        |                              |                           |
|                                                                                                                                                  | W-TR-SQ-R                                                                   | x                                        | W-PCB-TQ-R                    |             |                                                                                         |                     |                        |                              |                           |
| <b>Phytoplankton</b>                                                                                                                             | DTY-QN-C                                                                    |                                          | PKD-QN-BV                     |             | Ice                                                                                     |                     |                        |                              |                           |
| <b>DOC</b>                                                                                                                                       | W-DOC                                                                       | Field Filtered 0.45 µm Filter            |                               |             | Ice                                                                                     | H2SO4*              | <2                     |                              |                           |
|                                                                                                                                                  |                                                                             | Acid Preservative Expiration Date        |                               |             |                                                                                         |                     |                        |                              |                           |
|                                                                                                                                                  |                                                                             | Acid Preservative Lot Number             |                               |             |                                                                                         |                     |                        |                              |                           |

Sampler's initials: LM

Method of transport: on ice by hand

Page 1 of 1

Samples delivered by: L. McNally of FDEP  
Sample received by: [Signature] of WRL

Date/Time: 2/19/22 1320

Date/Time: 2/19/22 1320

Sample received by: [Signature] of WRL

Date/Time: 2/19/22 1320

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.

[illegible]

|                                 |      |             |                                     |
|---------------------------------|------|-------------|-------------------------------------|
| Comments: Sample Container lot# | 2367 | PO # C01214 | Surface water, no chlorine expected |
|---------------------------------|------|-------------|-------------------------------------|

RQ-2022-12-12-16

| Contact organization | FDEP |
|----------------------|------|
|----------------------|------|

Phone: 850-595-8300

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

**Sampler's name:**

1 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 =



Date of Request: 17-NOV-2022  
 Created By: SLADE\_C On: 17-NOV-2022  
 Modified By: JASROTIA\_P On: 29-NOV-2022  
 Customer: NW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northwest District  
 Event Description: Navarre 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@dep.state.fl.us

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 29-NOV-2022  
 Biology Request Reviewed By: JASROTIA\_P On: 29-NOV-2022  
 Sampling Kit Required: YES Ship on: 05-DEC-2022  
 Sampling Kit Shipped: YES On: 01-DEC-2022  
 Sampling Kit Packed By: PENDLETO\_C  
 Preservatives Needed: NO  
 Date to Receive Samples: 12-DEC-2022  
 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: #####

Ship Labels Only

#####

Group A: (WBID 833) Freshwater Nutrients, Tracers, Markers, Limited Pesticides, Contract Lab Bacteria

Group B: (WBID 864A) Freshwater nutrients, Metals, Contract Lab Bacteria

Group C: (Field Blank) Limited Pesticides

Packing notes;

FedEx return packing slips

**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-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 10200 H (mod.)) 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: QPCR-P-500ML     | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| PCR-BACR                      | Template: DEFAULT    | (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction |
| PCR-DG3                       | Template: DEFAULT    | (SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction      |
| PCR-HF183                     | Template: DEFAULT    | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction     |
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 4 | Preserved With: ICE                                                                                                                           |
| W-CT-CI-R                     | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization                                             |
| W-PCB-TQ-R                    | Template: DEFAULT    | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                                                                |
| W-PCL-TQ-R                    | Template:            | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS                                                  |
| Bottle Type: BG-500ML         | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| W-E8321-DI                    | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                       |
| W-E8321-MS                    | Template: SMP        | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                       |
| Bottle Type: 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: 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                                                                                                                  |

**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 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 Group C (Water) With 1 Samples:**

|                               |                   |                      |                                                                                        |
|-------------------------------|-------------------|----------------------|----------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML FILL TO |                   | Number of Bottles: 2 | Preserved With: ICE                                                                    |
| W-CT-CI-R                     | Template: DEFAULT | (EPA 8276)           | Organochlorine pesticides 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       |

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

