

# Login Checklist

RQ-2022-10-24-16

Login Station ID: 5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/28/22 @ 9:25

| *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°C                 |                 |                                        |          | 9                                     |               | X  |          |    | 585947094647       |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 X No \_\_\_\_\_

## CONTAINER CHECK

Evidence Tape on Bottles?

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

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

If Criminal, photographs taken?

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

Containers intact? Yes \_\_\_\_\_ 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: C.P

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No X Init: C.P

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

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

\*\*Acid Preserved Samples: pH < 2.0?

Yes X No \_\_\_\_\_ NA \_\_\_\_\_ Init: C.P

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Init: C.P

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

Coolers Unpacked/Checked by: C.P

Date: 10/28/22 Event contains NCRs(Y/N)? N

EventID: NW-DIST-2022-10-28-01 (SMP)  
Date Received: 28-OCT-2022 09:25

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

|                          |                    |
|--------------------------|--------------------|
| Infrared Thermometer ID: | 221426058 10/17/23 |
| pH Test Strips 0 – 6     | 223819AV 08/30/23  |
| pH Paper 0 – 3           | NA                 |
| pH Paper 0 – 13          | 210620 4/15/2023   |
| Chlorine Test Strips     | 0070 02/2023       |

### Additional Comments:

### ENCORE SAMPLES

**S-VOC-MS samples in Encores must be frozen within 48 hours of collection.**

Were Encore samples received? Yes \_\_\_\_\_ Init: \_\_\_\_\_

Date and time placed in freezer \_\_\_\_\_

Were all samples placed in freezer within 48 hours of collection? Yes \_\_\_\_\_ No \_\_\_\_\_

If no, were samples shipped on dry ice? Yes \_\_\_\_\_ No \_\_\_\_\_

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 10/27/2022      **Collected By:** Lauren McNally, Brook Olin  
**Customer:** NW-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2022-10-24-16      **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                                                                                     |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Boggy Bayou Mouth                                           | <br>G3NW0186      |
| Rocky Bayou Fred Gannon State Park                          | <br>G3NW0230      |
| Alaqua Bayou Center                                         | <br>G3NW0180    |
| Boggy Bayou at Lincoln Park, Okaloosa County (also 21FLDOH) | <br>OKALOOSA355 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 10/27/2022  
1600 CEN

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** c-l

**Rec'd/Inspected**  
**Date:** 10/28/2022



|                  |                                                      |
|------------------|------------------------------------------------------|
| RQ-2022-10-24-16 | Collected By: Brook Olin, Lauren McNally             |
| Customer: FDEP   | Field Report Prepared by: Brook Olin, Lauren McNally |
| Project ID: SMP  | Sampling Agency: FDEP                                |

WIN ID/Field ID:



WIN ID/Field ID: G3NW0186

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

Location: Boggy Bayou Mouth

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time {CEN}                | DO (mg/L) | DO (%SAT)                                                                    | Temp. ©        | pH                               | Sample Depth (m)                         | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT <sub>h</sub> ) |                       |              |           |   |
|------------------------------------|-----------|------------------------------------------------------------------------------|----------------|----------------------------------|------------------------------------------|--------------|-----------------|---------------------|------------------------------|-----------------------|--------------|-----------|---|
| 10/27/2022 1159                    | 7.8       | 98.5                                                                         | 20.4           | 8.08                             | 0.3                                      | 4.8          | 6.1             | 36031               | 22.74                        |                       |              |           |   |
| 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*                       | <2                    | 1            | A         |   |
|                                    | Lot #     |                                                                              | 2229010        |                                  | Exp:                                     |              | 08/30/2023      |                     |                              |                       |              |           |   |
| Metals (P-500ML)                   |           | W-ICPMS                                                                      |                | W-ICP                            |                                          |              | W-HARD          | Ice                 |                              | <2                    |              |           |   |
|                                    | Lot #     |                                                                              |                |                                  | Exp:                                     |              |                 |                     |                              |                       |              |           |   |
| Filtered Nutrients (P125ML)        |           | W-PO4-F                                                                      |                | Field Filtered 0.45 µm Filter    |                                          |              |                 | Ice                 |                              |                       |              |           |   |
|                                    |           | Filter Lot #                                                                 |                | Syringe Lot #                    |                                          |              |                 |                     |                              |                       |              |           |   |
| BOD (BP-1L)                        |           | OV-80DUNIN                                                                   |                |                                  |                                          |              |                 | Ice                 |                              |                       |              |           |   |
| Chlorophyll (BP-1L)                | X         | CHLSUITE-W                                                                   |                |                                  |                                          |              | X               | Ice                 |                              |                       | 1            | A         |   |
| Physical/Aggregate (Fresh) (P-1L)  |           | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS |                |                                  |                                          |              |                 | Ice                 |                              |                       |              |           |   |
| Physical/Aggregate (Marine) (P-1L) | X         | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                |                                  |                                          |              | X               | Ice                 |                              |                       | 1            | A         |   |
| Macroinvertebrates (PJ-2L)         |           | MI-FW-QLDC                                                                   | Formalin Lot # |                                  |                                          |              |                 | Formalin            |                              |                       |              |           |   |
| Periphyton (PT-50ML)               |           | ALGAE-ID                                                                     |                |                                  |                                          |              |                 | Ice                 |                              |                       |              |           |   |
| Microbiology (Contract Lab Bottle) |           | E Coli                                                                       |                |                                  | F Coli                                   |              | X               | 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                      |           | DTY-QN-C                                                                     |                |                                  | PKD-QN-BV                                |              |                 | Ice                 |                              |                       |              |           |   |
| DOC                                |           |                                                                              |                |                                  | Field Filtered 0.45 µm Filter            |              |                 | Ice                 |                              | H2SO4*                | <2           |           |   |
|                                    |           | W-DOC                                                                        |                | Add Preservative Expiration Date |                                          |              |                 |                     |                              |                       |              |           |   |
|                                    |           | Add Preservative Lot Number                                                  |                |                                  |                                          |              |                 |                     |                              |                       |              |           |   |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-10-24-16                                                                                                                              | <b>Collected By:</b> Lauren McNally, Brook Olin                           |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Lauren McNally, Brook Olin               |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3NW0230 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** Rocky Bayou Fred Gannon State Park

**Matrix:** Marine

(Check One)

☒ Grab

☐ Composite

| Date and Time {CEN}                | DO (mg/L)                                                                   | DO (%SAT)                                | Temp. @                       | pH        | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm)   | Salinity (PPT) |
|------------------------------------|-----------------------------------------------------------------------------|------------------------------------------|-------------------------------|-----------|------------------|--------------|-----------------|-----------------------|----------------|
| 10/27/2022 1108                    | 7.58                                                                        | 100.8                                    | 22.7                          | 7.93      | 0.2              | 0.4          | 0.4             | 38489                 | 24.39          |
| Parameter Suite                    | Parameter Methods                                                           |                                          |                               |           | Preservation     |              | pH Check        | # Bottles sent to Lab | Bottle Group   |
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |                                          |                               |           | Ice              | H2SO4*       | <2              |                       |                |
|                                    | Lot #                                                                       |                                          | Exp:                          |           |                  |              |                 |                       |                |
| Metals (P-500ML)                   | W-ICPMS                                                                     |                                          | W-ICP                         | W-HARD    | Ice              | HNO3*        | <2              |                       |                |
|                                    | Lot #                                                                       |                                          | Exp:                          |           |                  |              |                 |                       |                |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                     |                                          | Field Filtered 0.45 µm Filter |           | Ice              |              |                 |                       |                |
|                                    | Filter Lot #                                                                | Syringe Lot #                            |                               |           |                  |              |                 |                       |                |
| BOD (BP-1L)                        | OV-BODUNIN                                                                  |                                          |                               |           | Ice              |              |                 |                       |                |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                  |                                          |                               |           | Ice              |              |                 |                       |                |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |                               |           | Ice              |              |                 |                       |                |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                                          |                               |           | Ice              |              |                 |                       |                |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                  | Formalin Lot #                           |                               |           | Formalin         |              |                 |                       |                |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                    |                                          |                               |           | Ice              |              |                 |                       |                |
| Microbiology (Contract Lab Bottle) | E Coli                                                                      | X                                        | F Coli                        | X         | Enterococci      | x            | Ice             | 2                     | C              |
|                                    | Contract Lab                                                                |                                          |                               |           |                  |              |                 |                       |                |
| Molecular (QPCR-P-500ML)           | PCR-HF183                                                                   |                                          | PCR-BacR                      |           | PCR-DG3          | Ice          |                 |                       |                |
|                                    | PCR-GULL2                                                                   |                                          | PCR-GFD                       |           |                  |              |                 |                       |                |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                  |                                          | W-E8321-MS                    |           | Ice              |              |                 |                       |                |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI                                                                  | W-E8321-MS                               |                               | W-PSNP-TQ | Ice              | MCAA Exp.    | MCAA Lot#       |                       |                |
|                                    | W-PCL-TQ-R                                                                  | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               | W-CT-CL-R |                  |              |                 |                       |                |
|                                    | W-TR-SQ-R                                                                   | W-PCB-TQ-R                               |                               |           |                  |              |                 |                       |                |
| Phytoplankton                      | DTY-QN-C                                                                    |                                          | PKD-QN-BV                     |           | Ice              |              |                 |                       |                |
| DOC                                | W-DOC                                                                       | Field Filtered 0.45 µm Filter            |                               |           | Ice              | H2SO4*       | <2              |                       |                |
|                                    |                                                                             | Acid Preservative Expiration Date        |                               |           |                  |              |                 |                       |                |
|                                    |                                                                             | Acid Preservative Lot Number             |                               |           |                  |              |                 |                       |                |



RQ-2022-10-24-16

Customer: FDEP

Project ID: SMP

Collected By: Brook Olin, Lauren McNally

Field Report Prepared by: Brook Olin, Lauren McNally

Sampling Agency: FDEP

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

WIN ID/Field ID:



WIN ID/Field ID: G3NW0180

Location: Alaqua Bayou Center

Matrix: Marine

(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) |
|---------------------|-----------|-----------|----------|-----|------------------|--------------|-----------------|---------------------|----------------|
| 10/27/2022 955      | 5.21      | 67.3      | 22.2     | 7.7 | 0.3              | 1.1          | 1.3             | 36021               | 22.08          |

| 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 #                                                                       |                                          | 2229010                       | Exp:         | 8/30/2023 |           |           |                       |              |   |   |
| 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)                | X                 | CHLSUITE-W                                                                  |                                          |                               |              | X         | Ice       |           |                       | 1            | A |   |
| Physical/Aggregate (Fresh) (P-1L)  |                   | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |                               |              | Ice       |           |           |                       |              |   |   |
| Physical/Aggregate (Marine) (P-1L) | X                 | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                                          |                               |              | X         | Ice       |           |                       | 1            | A |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                  | Formalin Lot #                           |                               |              | Formalin  |           |           |                       |              |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                    |                                          |                               |              | Ice       |           |           |                       |              |   |   |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                      | F Coli                                   | X                             | 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       |           |           |                       |              |   |   |
|                                    |                   | 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) |                               | W-CT-CL-R    | Ice       |           |           |                       |              |   |   |
|                                    |                   | W-TR-SQ-R                                                                   | W-PCB-TQ-R                               |                               |              |           |           |           |                       |              |   |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                    | PKD-QN-BV                                |                               |              | Ice       |           |           |                       |              |   |   |
| DOC                                |                   | W-DOC                                                                       | Field Filtered 0.45 um Filter            |                               |              | Ice       |           | H2SO4*    |                       | <2           |   |   |
|                                    |                   |                                                                             | Add Preservative Expiration Date         |                               |              |           |           |           |                       |              |   |   |
|                                    |                   |                                                                             | Add Preservative Lot Number              |                               |              |           |           |           |                       |              |   |   |



|                                                                                                                                    |                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| RQ-2022-10-24-16                                                                                                                   | Collected By: Brook Olin, Lauren McNally                           |
| Customer: FDEP                                                                                                                     | Field Report Prepared by: Brook Olin, Lauren McNally               |
| Project ID: SMP                                                                                                                    | Sampling Agency: FDEP                                              |
| WIN ID/Field ID: <br>WIN ID/Field ID: OKALOOSA355 | Comments: Microbiology sample(s) submitted to contract laboratory. |

Location: Boggy Bayou at Lincoln Park, Okaloosa County (also 21FLDOH)

Matrix: Marine

(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) |   |
|------------------------------------|------------------------------------------------------------------------------|------------------------------------------|-------------------------------|-------------|------------------|--------------|-----------------|-----------------------|----------------|---|
| 10/27/2022 1138                    | 6.66                                                                         | 90.8                                     | 23.3                          | 7.96        | 0.3              | 0.61         | 0.61            | 41826                 | 26.85          |   |
| Parameter Suite                    | Parameter Methods                                                            |                                          |                               |             | Preservation     |              | pH Check        | # Bottles sent to Lab | Bottle Group   |   |
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                                          |                               |             | Ice              | H2SO4*       | <2              |                       |                |   |
|                                    | Lot #                                                                        |                                          | Exp:                          |             |                  |              |                 |                       |                |   |
| Metals (P-500ML)                   | W-ICPMS                                                                      |                                          | W-ICP                         | W-HARD      | Ice              | HNO3*        | <2              |                       |                |   |
|                                    | Lot #                                                                        |                                          | Exp:                          |             |                  |              |                 |                       |                |   |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                      |                                          | Field Filtered 0.45 µm Filter |             | Ice              |              |                 |                       |                |   |
|                                    | Filter Lot #                                                                 | Syringe Lot #                            |                               |             |                  |              |                 |                       |                |   |
| BOD (BP-1L)                        | OV-BODUNIN                                                                   |                                          |                               |             | Ice              |              |                 |                       |                |   |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                   |                                          |                               |             | Ice              |              |                 |                       |                |   |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                                          |                               |             | Ice              |              |                 |                       |                |   |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                                          |                               |             | Ice              |              |                 |                       |                |   |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                   | Formalin Lot #                           |                               |             | Formalin         |              |                 |                       |                |   |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                     |                                          |                               |             | Ice              |              |                 |                       |                |   |
| Microbiology (Contract Lab Bottle) | E Coli                                                                       | F Coli                                   | X                             | Enterococci | x                | Ice          |                 | 1                     | B              |   |
|                                    | X                                                                            | Contract Lab                             |                               |             |                  |              |                 |                       |                |   |
| Molecular (QPCR-P-500ML)           | X                                                                            | PCR-HF183                                | X                             | PCR-BacR    | X                | PCR-DG3      | x               | Ice                   | 1              | B |
|                                    |                                                                              | PCR-GULL2                                |                               | PCR-GFD     |                  |              |                 |                       |                |   |
| Tracers (BG-500ML)                 | X                                                                            | W-E8321-DI                               | X                             | W-E8321-MS  | x                | Ice          |                 | 1                     | B              |   |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI                                                                   | W-E8321-MS                               | W-PSNP-TQ                     |             | Ice              | MCAA Exp.    | MCAA Lot#       |                       |                |   |
|                                    | W-PCL-TQ-R                                                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) | W-CT-CL-R                     |             |                  |              |                 |                       |                |   |
|                                    | W-TR-SQ-R                                                                    | W-PCB-TQ-R                               |                               |             |                  |              |                 |                       |                |   |
| Phytoplankton                      | DTY-QN-C                                                                     | PKD-QN-BV                                |                               |             | Ice              |              |                 |                       |                |   |
| DOC                                | W-DOC                                                                        | Field Filtered 0.45 µm Filter            |                               |             | Ice              | H2SO 4*      | <2              |                       |                |   |
|                                    |                                                                              | Acid Preservative Expiration Date        |                               |             |                  |              |                 |                       |                |   |
|                                    |                                                                              | Acid Preservative Lot Number             |                               |             |                  |              |                 |                       |                |   |



Date of Request: 22-SEP-2022  
 Created By: SLADE\_C On: 22-SEP-2022  
 Modified By: JASROTIA\_P On: 07-OCT-2022  
 Customer: NW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northwest District  
 Event Description: Highway 20 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: 06-OCT-2022  
 Biology Request Reviewed By: JASROTIA\_P On: 07-OCT-2022  
 Sampling Kit Required: YES Ship on: 14-OCT-2022  
 Sampling Kit Shipped: YES On: 11-OCT-2022  
 Sampling Kit Packed By: KLUG\_K  
 Preservatives Needed: YES  
 Date to Receive Samples: 24-OCT-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: Group A: (WBID 692, 731) Marine Nutrients, Contract Lab Bacteria  
 Group B: (WBID 692) Tracers, Markers, Contract Lab Bacteria  
 Group C: (WBID722, ) Contract Lab Bacteria, Bacteria

Packing notes;

FedEx return packing slips

#####

2 boxes of Sulfuric Acid

#####

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

|                          |                      |                                                                                                              |
|--------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L        | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| ALKALINITY               | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                |
| TURBIDITY                | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-F                      | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)      |
| 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: 2 | 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: 2 | Preserved With: ICE                                                                                          |
| NW-UWF-ENQ               | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola                                             |
| Bottle Type: P-500ML     | Number of Bottles: 2 | Preserved With: ICE And H2SO4                                                                                |
| W-NH3                    | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |

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

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: ICE And H2SO4                                       |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices    |

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

|                           |                      |                                                                                                                                               |
|---------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: TEST HAS NO  | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| NW-UWF-ENQ                | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/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     | 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 Group C (Water) With 1 Samples:**

|                             |                      |                                                                                       |
|-----------------------------|----------------------|---------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                   |
| FCOLI-MF                    | Template: DEFAULT    | (SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems |
| Bottle Type: TEST HAS NO    | Number of Bottles: 1 | Preserved With: ICE                                                                   |
| NW-UWF-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola                      |

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