

# Login Checklist

RQ- 2022-07-11-35

Login Station ID: #1

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 7/ 13 /22 @ 10:16

| *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 |                    |
| 0.9                 |                 |                                        |          | 13                                    |               | ✓  |          |    | 5225 5548 5031     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. **NCR#** \_\_\_\_\_
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. **NCR#** \_\_\_\_\_
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. **NCR#** \_\_\_\_\_
- If coolers or samples are received late; identify the affected samples in an NCR. **NCR#** \_\_\_\_\_

Chain of Custody/ Field Sheet(s) Included? Yes ☒ No \_\_\_\_\_

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ☒ No \_\_\_\_\_

## CONTAINER CHECK

Evidence Tape on Bottles? Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken? Yes \_\_\_\_\_ No \_\_\_\_\_ Containers intact? Yes ☒ No \_\_\_\_\_

Caps on tight? Yes ☒ No \_\_\_\_\_

Sufficient Sample Volume: Yes ☒ No \_\_\_\_\_

If **NO** is checked above, generate an NCR listing affected sample IDs in its appropriate category. **NCR#** \_\_\_\_\_

**CHLORINE CHECK REQUIRED?** (Blue dot on container) Yes ☒ No \_\_\_\_\_ Init: HK

Chlorine detected? (One container checked per Field ID) Yes \_\_\_\_\_ No ☒ Init: HK

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

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

\*\*Acid Preserved Samples: pH< 2.0? Yes ☒ No \_\_\_\_\_ NA \_\_\_\_\_ Init: HK

\*\*W-1-4-DIOX (Green dot on container) preserved to pH<4.0? Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Init: HK

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

Coolers Unpacked/Checked by: HK Date: 7/ 13 /22 Event contains NCRs (Y/N)? N

Event ID: Highway 20 Run  
NW-DIST-2022-07-13-01 (SMP)  
Date Received: 13-JUL-2022 10:16

# Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #1 EXP:10-19-22 |
| pH Test Strips 0 – 6     | Lot#223819 EXP:8-30-23      |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | Lot#207621 EXP:3-15-24      |
| Chlorine Test Strips     | Lot#0070 EXP:2-23           |

## ENCORE SAMPLES

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

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

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

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

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

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

**FOR CLEAN LAB USE ONLY** – Total Mercury Preservation Check (W-HG-AF;W-HG-AF-F):

Samples preserved within 48 hours? Yes \_\_\_\_\_ No \_\_\_\_\_

Date and time samples preserved: \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

|                                                                                                            |                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Date:</b> <u>7/12/2022</u><br><b>Customer:</b> <u>NW-DIST</u><br><br><b>RQ:</b> <u>RQ-2022-07-11-35</u> | <b>Collected By:</b> <u>C. Stopher Slade, Nathan Mulkey</u><br><b>Sampling Agency:</b> <u>FDEP</u><br><b>Project ID:</b> <u>SMP</u> |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|

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                                                                                     |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Basin Bayou North End                                       | <br>G3NW0102      |
| Rocky Bayou Fred Gannon State Park                          | <br>G3NW0230     |
| Boggy Bayou at Lincoln Park, Okaloosa County (also 21FLDOH) | <br>OKALOOSA355 |
| Boggy Bayou Mouth                                           | <br>G3NW0186    |
| Black Creek                                                 | <br>G3NW0131    |
| Alaqua Creek at Park boat ramp                              | <br>G3NW0163    |
| Alaqua Creek below Portland Park                            | <br>G3NW0443    |
| Alaqua Bayou Center                                         | <br>G3NW0180    |

|    |                                                                                                   |
|----|---------------------------------------------------------------------------------------------------|
| FB | <br>FB_07122022 |
|----|---------------------------------------------------------------------------------------------------|

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 7/12/2022

1600 CEN

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: *hk*

Rec'd/Inspected

Date: *7-13-22* / *1016*



|                                                                                                                                 |                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| RQ-2022-07-11-35                                                                                                                | Collected By: C. Stopher Slade, Nathan Mulkey                      |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: C. Stopher Slade, Nathan Mulkey          |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                              |
| WIN ID/Field ID: <br>WIN ID/Field ID: G3NW0102 | Comments: Microbiology sample(s) submitted to contract laboratory. |

**Location:**

Location: Basin Bayou North End

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time {CEN} | DO (mg/L) | DO (%SAT) | Temp. °C | pH  | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|---------------------|-----------|-----------|----------|-----|------------------|--------------|-----------------|--------------------|----------------|
| 7/12/2022 1130      | 6.89      | 90.5      | 28.9     | 6.9 | 0.3              | 0.9          | 1.3             | 4526               | 2.4            |

  

| 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          |           |           |                       |              |     |   |   |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-07-11-35                                                                                                                              | <b>Collected By:</b> C. Stopher Slade, Nathan Mulkey                      |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> C. Stopher Slade, Nathan Mulkey          |
| <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:**  
**Location:** Rocky Bayou Fred Gannon State Park

| Matrix: Marine                     |           |                                                                             |         |      |                                          | (Check One) <input checked="" type="checkbox"/> Grab <input type="checkbox"/> 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)        |              |           |   |
| 7/12/2022 1215                     | 5.16      | 81.3                                                                        | 32.3    | 7.39 | 0.3                                      | 0.6                                                                                     | 0.6             | 34379               | 21.48                 |              |           |   |
| 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          |                     | <2                    |              |           |   |
|                                    |           | Lot #                                                                       |         |      | Exp:                                     |                                                                                         | HNO3*           |                     |                       |              |           |   |
| 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         |                       |              | 2         | C |
|                                    |           | Contract Lab                                                                |         |      | x                                        |                                                                                         |                 |                     |                       |              |           |   |
| 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             |                     | Ice                   | MCAA Exp.    | MCAA Lot# |   |
| Pesticides (BG-500ML) (BG-1L)      |           | W-E8321-DI                                                                  |         |      | W-E8321-MS                               |                                                                                         | W-PSNP-TQ       |                     |                       |              |           |   |
|                                    |           | W-PCL-TQ-R                                                                  |         |      | W-CARB-AA (5 ml of MCAA Buffer Solution) |                                                                                         | W-CT-CL-R       |                     |                       |              |           |   |
|                                    |           | W-TR-SQ-R                                                                   |         |      | W-PCB-TQ-R                               |                                                                                         |                 |                     | Ice                   |              |           |   |
| Phytoplankton                      |           | DTY-QN-C                                                                    |         |      | PKD-QN-BV                                |                                                                                         |                 |                     |                       |              |           |   |



|                                                                                                                                                  |                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-07-11-35                                                                                                                                 | Collected By: C. Stopher Slade, Nathan Mulkey                             |
| Customer: FDEP                                                                                                                                   | Field Report Prepared by: C. Stopher Slade, Nathan Mulkey                 |
| Project ID: SMP                                                                                                                                  | Sampling Agency: FDEP                                                     |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> OKALOOSA355 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:**

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) |   |   |
|------------------------------------|----------------------------------------------------------------------------|------------------------------------------|-----------|-------------|------------------|--------------|-----------------|-----------------------|----------------|---|---|
| 7/12/2022 1245                     | 6.21                                                                       | 95.5                                     | 32.5      | 7.68        | 0.3              | 0.9          | 0.9             | 30900                 | 19.18          |   |   |
| 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-CH-C / 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 |
|                                    | 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              |              |                 |                       |                |   |   |



|                                                                                                                                 |                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| RQ-2022-07-11-35                                                                                                                | Collected By: Nathan Mulkey, C. Stopher Slade                      |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Nathan Mulkey, C. Stopher Slade          |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                              |
| WIN ID/Field ID: <br>WIN ID/Field ID: G3NW0186 | Comments: Microbiology sample(s) submitted to contract laboratory. |

Location:

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)        |              |
|------------------------------------|-----------|-----------------------------------------------------------------------------|---------|------------------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|
| 7/12/2022 1300                     | 6.44      | 95.5                                                                        | 30.6    | 7.83                                     | 0.3              | 2.6          | 6.1             | 29905               | 18.4                  |              |
| 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*                |              |
|                                    |           | Lot #                                                                       |         | 1308030                                  |                  | Exp:         | 12/1/22         |                     | X                     | <2           |
| Metals (P-500ML)                   |           | W-ICPMS                                                                     |         | W-ICP                                    |                  | W-HARD       | Ice             |                     | HNO3*                 |              |
|                                    |           | Lot #                                                                       |         |                                          |                  | Exp:         |                 |                     |                       | <2           |
| Filtered Nutrients (P125ML)        |           | W-PO4-F                                                                     |         | Field Filtered 0.45 µm Filter            |                  |              | Ice             |                     |                       |              |
|                                    |           | Filter Lot #                                                                |         | Syringe Lot #                            |                  |              |                 |                     |                       |              |
| BOD (BP-1L)                        |           | OV-BODUNIN                                                                  |         |                                          |                  |              | Ice             |                     |                       |              |
| Chlorophyll (BP-1L)                |           | CHLSUITE-W                                                                  |         |                                          |                  |              | Ice             |                     |                       |              |
| Physical/Aggregate (Fresh) (P-1L)  |           | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |         |                                          |                  |              | Ice             |                     |                       |              |
| Physical/Aggregate (Marine) (P-1L) | 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         | Contract Lab                                                                |         |                                          |                  | X            | Ice             |                     | 1                     | A            |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                                                                   |         | PCR-BacR                                 |                  | PCR-DG3      |                 |                     |                       |              |
|                                    |           | 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    |                 |                     |                       |              |
|                                    |           | W-PCL-TQ-R                                                                  |         | W-CARB-AA (5 ml of MCAA Buffer Solution) |                  | W-CT-CL-R    |                 |                     |                       |              |
|                                    |           | W-TR-SQ-R                                                                   |         | W-PCB-TQ-R                               |                  |              |                 |                     |                       |              |
| Phytoplankton                      |           | DTY-QN-C                                                                    |         | PKD-QN-BV                                |                  |              | Ice             |                     |                       |              |



RQ-2022-07-11-35

Collected By: C. Stopher Slade, Nathan Mulkey

Customer: FDEP

Field Report Prepared by: C. Stopher Slade,  
Nathan Mulkey

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3NW0131

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

Location:

Location: Black Creek

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {CEN} | DO (mg/L) | DO (%SAT) | Temp. °C | pH  | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|---------------------|-----------|-----------|----------|-----|------------------|--------------|-----------------|---------------------|----------------|
| 7/12/2022 920       | 4.22      | 54.7      | 28.6     | 5.1 | 0.3              | 1.1          | 4.4             | 46.8                | 0.02           |

  

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



RQ-2022-07-11-35

Collected By: C. Stopher Slade, Nathan Mulkey

Customer: FDEP

Field Report Prepared by: C. Stopher Slade,  
Nathan Mulkey

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3NW0163

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

Location:

Location: Alaqua Creek at Park boat ramp

Matrix: Fresh

(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) |   |   |
|------------------------------------|-----------------------------------------------------------------------------|------------------------------------------|-----------|-------------|------------------|--------------|-----------------|-----------------------|----------------|---|---|
| 7/12/2022 1000                     | 6.8                                                                         | 82.8                                     | 25.1      | 6.72        | 0.3              | 1.6          | 4.6             | 460                   | 0.21           |   |   |
| 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 | D |
|                                    | 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          |                 |                       |                |   |   |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-07-11-35                                                                                                                              | <b>Collected By:</b> C. Stopher Slade, Nathan Mulkey                      |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> C. Stopher Slade, Nathan Mulkey          |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3NW0443 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:**

Location: Alaqua Creek below Portland Park

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time {CEN} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 7/12/2022 1030      | 6.27      | 77.7      | 25.9     | 7.07 | 0.3              | 1.3          | 4.7             | 2619                | 1.34           |

  

| Parameter Suite                    | Parameter Methods                                                                                                                  | Preservation            | pH Check | # Bottles sent to Lab | Bottle Group |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------|-----------------------|--------------|
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # _____ Exp: _____                                                              | Ice H2SO4*              | <2       |                       |              |
| Metals (P-500ML)                   | W-ICPMS / W-ICP / W-HARD<br>Lot # _____ Exp: _____                                                                                 | Ice HNO3*               | <2       |                       |              |
| Filtered Nutrients (P125ML)        | W-PO4-F / Field Filtered 0.45 µm Filter<br>Filter Lot # _____ Syringe Lot # _____                                                  | Ice                     |          |                       |              |
| BOD (BP-1L)                        | OV-BODUNIN                                                                                                                         | Ice                     |          |                       |              |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                                                                         | Ice                     |          |                       |              |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-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<br>X Contract Lab                                                                                  | x Ice                   |          | 1                     | D            |
| Molecular (QPCR-P-500ML)           | PCR-HF183 / PCR-BacR / PCR-DG3<br>PCR-GULL2 / PCR-GFD                                                                              | Ice                     |          |                       |              |
| Tracers (BG-500ML)                 | W-E8321-DI / W-E8321-MS                                                                                                            | Ice                     |          |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI / W-E8321-MS / W-PSNP-TQ<br>W-PCL-TQ-R / W-CARB-AA (5 ml of MCAA Buffer Solution) / W-CT-CL-R<br>W-TR-SQ-R / W-PCB-TQ-R | Ice MCAA Exp. MCAA Lot# |          |                       |              |
| Phytoplankton                      | DTY-QN-C / PKD-QN-BV                                                                                                               | Ice                     |          |                       |              |



RQ-2022-07-11-35

Collected By: C. Stopher Slade, Nathan Mulkey

Customer: FDEP

Field Report Prepared by: C. Stopher Slade,  
Nathan Mulkey

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3NW0180

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

Location:

Location: Alaqua Bayou Center

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{CEN} | DO<br>(mg/L) | DO<br>(%SAT) | Temp. © | pH   | Sample<br>Depth<br>(m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPT) |
|------------------------|--------------|--------------|---------|------|------------------------|-----------------|-----------------------|---------------------------|-------------------|
| 7/12/2022<br>1045      | 6.44         | 88.9         | 29.2    | 7.59 | 0.3                    | 1.3             | 1.3                   | 17220                     | 10.08             |

  

| Parameter Suite                    | Parameter Methods |                                                                              |                                             | Preservation  |             | pH<br>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*                   |                 |
|                                    |                   | Lot #                                                                        | 1308030                                     | Exp:          | 12/1/22     | X            | <2                       | 1               |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                      | W-ICP                                       | W-HARD        | Ice         |              | HNO3*                    |                 |
|                                    |                   | Lot #                                                                        |                                             | Exp:          |             |              | <2                       |                 |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                      | Field Filtered 0.45 µm Filter               |               | Ice         |              |                          |                 |
|                                    |                   | Filter Lot #                                                                 |                                             | Syringe Lot # |             |              |                          |                 |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                   |                                             |               | Ice         |              |                          |                 |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                   |                                             |               | x           | Ice          |                          | 1               |
| 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               |
| 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               |
|                                    | 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<br>Exp. | MCAA<br>Lot#             |                 |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-PCL-TQ-R                                                                   | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |               | W-CT-CL-R   | Ice          |                          |                 |
|                                    |                   | W-TR-SQ-R                                                                    | W-PCB-TQ-R                                  |               |             |              |                          |                 |
| Phytoplankton                      |                   | DTY-QN-C                                                                     | PKD-QN-BV                                   |               | Ice         |              |                          |                 |



|                                                                                                                                                  |                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-07-11-35                                                                                                                                 | Collected By: C. Stopher Slade, Nathan Mulkey                             |
| Customer: FDEP                                                                                                                                   | Field Report Prepared by: C. Stopher Slade, Nathan Mulkey                 |
| Project ID: SMP                                                                                                                                  | Sampling Agency: FDEP                                                     |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> FB_07122022 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:**  
**Location:** FB

Matrix: W-FIELD-BLANK (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) |
|------------------------------------|-------------------|------------------------------------------------------------------------------|------------------------------------------|-------------------------------|------------------|--------------|-----------------|-----------------------|----------------|
| 7/12/2022 1050                     |                   |                                                                              |                                          |                               |                  |              |                 |                       |                |
| 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*                |                |
|                                    |                   | Lot #                                                                        | 130180                                   | Exp:                          | 12/1/22          |              | X               | <2                    | 1              |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                      |                                          | W-ICP                         | W-HARD           | Ice          |                 | HNO3*                 |                |
|                                    |                   | Lot #                                                                        |                                          | Exp:                          |                  |              |                 | <2                    |                |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                      |                                          | Field Filtered 0.45 µm Filter |                  | Ice          |                 |                       |                |
|                                    |                   | Filter Lot #                                                                 |                                          | Syringe Lot #                 |                  |              |                 |                       |                |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                   |                                          |                               |                  | Ice          |                 |                       |                |
| Chlorophyll (BP-1L)                |                   | CHLSUITE-W                                                                   |                                          |                               |                  | Ice          |                 |                       |                |
| Physical/Aggregate (Fresh) (P-1L)  |                   | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W- TDS |                                          |                               |                  | Ice          |                 |                       |                |
| Physical/Aggregate (Marine) (P-1L) | X                 | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                                          |                               |                  | x            | Ice             |                       | 1              |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   | Formalin Lot #                           |                               |                  | Formalin     |                 |                       | F              |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |                                          |                               |                  | Ice          |                 |                       |                |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                       | F Coli                                   | Enterococci                   |                  | Ice          |                 |                       |                |
|                                    |                   | Contract Lab                                                                 |                                          |                               |                  |              |                 |                       |                |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                    |                                          | PCR-BacR                      | PCR-DG3          | Ice          |                 |                       |                |
|                                    |                   | PCR-GULL2                                                                    |                                          | PCR-GFD                       |                  |              |                 |                       |                |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                   |                                          | W-E8321-MS                    |                  | Ice          |                 |                       |                |
| Pesticides (BG-500ML) (BG-1L)      |                   | 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          |                 |                       |                |

25575767231742351A)Bacteria CoC\UWF\_Sample\_Transmittal\_Form.xls

Date of Request: 17-JUN-2022  
 Created By: SLADE\_C On: 17-JUN-2022  
 Modified By: JASROTIA\_P On: 23-JUN-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: 22-JUN-2022  
 Biology Request Reviewed By: JASROTIA\_P On: 23-JUN-2022  
 Sampling Kit Required: YES Ship on: 01-JUL-2022  
 Sampling Kit Shipped: YES On: 30-JUN-2022  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 11-JUL-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, 742) Contract Lab Bacteria, Bacteria  
 Group D: (WBID 351A) Contract Lab Bacteria  
 Group E: (WBID 679) Tracers, Contract Lab Bacteria  
 Group F: (Field Blank) Marine Nutrients (No Chlorophyll)  
 Packing notes;

FedEx return packing slips

**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 CaCO <sub>3</sub> /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-2011) 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 H <sub>2</sub> SO <sub>4</sub>                                                       |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO <sub>2</sub> NO <sub>3</sub> | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |

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

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

**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 2 Samples:**

|                             |                      |                                                                                       |
|-----------------------------|----------------------|---------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 2 | 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: 2 | Preserved With: ICE                                                                   |
| NW-UWF-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola                      |

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

|                          |                      |                                                                  |
|--------------------------|----------------------|------------------------------------------------------------------|
| 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 Group E (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: 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 F (Water) With 1 Samples:**

|                      |                      |                                                                                                         |
|----------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L    | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| ALKALINITY           | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                           |
| TURBIDITY            | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                      |
| W-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-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample         |
| 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                                        |

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