

RQ-2021-04-26-48

## Login Checklist

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 04/27/2021 @ 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 |                    |
| 1.2°C               |                 |                                        |          | 8                                     |               | X  |          |    | 9293 8012 5836     |
| 1.0°C               |                 |                                        |          | 7                                     |               | X  |          |    | 9293 8012 5820     |
| 0.9°C               |                 |                                        |          | 10                                    |               | X  |          |    | 9293 8012 5810     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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: Tulm

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No ☒ Init: Tulm

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

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

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

Yes ☒ No \_\_\_\_\_ NA \_\_\_\_\_ Init: Tulm

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Init: Tulm

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

Coolers Unpacked/Checked by: TulmDate 04/27/2021 Event contains NCRs (Y/N)? None

Event ID: 2021 SMP: Peace River  
SO-DIST-2021-04-27-01 (SMP)  
 Date Received: 27-APR-2021 09:25  
 Page 1 of 2, 06/15/2020, REF-4-5-2

# Login Checklist

## Login Preservation Equipment

## Lot # & Exp: Date

## Additional Comments:

|                          |                            |
|--------------------------|----------------------------|
| Infrared Thermometer ID: | #4 Temp Gun EXP:10/28/2021 |
| pH Test Strips 0 – 6     | N/A                        |
| pH Paper 0 – 3           | N/A                        |
| pH Paper 0 – 13          | 210620 EXP:04/15/2023      |
| Chlorine Test Strips     | 0261 EXP:05/2023           |

## ENCORE SAMPLES

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

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

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

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

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

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

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

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

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 4/26/2021  
**Customer:** SO-DIST  
**RQ:** RQ-2021-04-26-48  
**Collected By:** Kirby Wolfe, William Mullen  
**Sampling Agency:** FDEP  
**Project ID:** SMP

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

**Number of Coolers Shipped:** 3

**Delivery Method:** FedEx

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

| Site Location                         | Field ID/WIN ID                                                                                  |
|---------------------------------------|--------------------------------------------------------------------------------------------------|
| Alligator Creek @ Boots St            | <br>G2SD0044   |
| Peace River Estuary @ Harbour Heights | <br>G3SD0148   |
| Peace River Above Horse Creek 2       | <br>G3SD0154 |
| ALLIGATOR SOUTH @ JONES LOOP RD       | <br>G2SD0033 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/26/2021

1035

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** Tyler Neymola

**Rec'd/Inspected**

**Date:** 04/27/2021 @ 9:25



|                                                                                                                                 |                                                       |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| RQ-2021-04-26-48                                                                                                                | Collected By: Kirby Wolfe, William Mullen             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Kirby Wolfe, William Mullen |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                 |
| WIN ID/Field ID: <br>WIN ID/Field ID: G2SD0044 | Comments:                                             |

Location: Alligator Creek @ Boots St

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time  | DO (mg/L) | DO (%SAT) | Temp. © | pH  | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|----------------|-----------|-----------|---------|-----|------------------|--------------|-----------------|---------------------|----------------|
| 4/26/2021 1055 | 3.6       | 43.3      | 24.5    | 7.5 | 0.3              | 1.15         | 1.15            | 1165                | 0.58           |

Central Lab please use top row for login purposes

| Parameter Suite                    |  | Parameter Methods                                                           |         |                                             |           |           |             | Preservation |        |  | pH Check |     | # Bottles sent to Lab |       | Bottle Group |     |    |   |   |
|------------------------------------|--|-----------------------------------------------------------------------------|---------|---------------------------------------------|-----------|-----------|-------------|--------------|--------|--|----------|-----|-----------------------|-------|--------------|-----|----|---|---|
| Preserved Nutrients (P-500ML)      |  | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |         |                                             |           |           |             | Ice          | H2SO4* |  |          | <2  |                       |       |              |     |    |   |   |
|                                    |  | Lot #                                                                       |         |                                             | Exp:      |           |             |              |        |  |          |     |                       |       |              |     |    |   |   |
| Metals (P-500ML)                   |  | X                                                                           | W-ICPMS |                                             | X         | W-ICP     |             | X            | W-HARD |  | X        | Ice | X                     | HNO3* |              | X   | <2 | 1 | C |
|                                    |  | Lot #                                                                       |         |                                             | NA0344060 |           |             | Exp:         |        |  | 01/04/22 |     |                       |       |              |     |    |   |   |
| Filtered Nutrients (P125ML)        |  | W-PO4-F                                                                     |         | Field Filtered 0.45 um Filter               |           |           |             | Ice          |        |  |          |     |                       |       |              |     |    |   |   |
|                                    |  | Filter Lot #                                                                |         |                                             |           |           |             |              |        |  |          |     |                       |       |              |     |    |   |   |
|                                    |  | Syringe Lot #                                                               |         |                                             |           |           |             |              |        |  |          |     |                       |       |              |     |    |   |   |
| Chlorophyll (BP-1L)                |  | CHLSUITE-W                                                                  |         |                                             |           |           |             | Ice          |        |  |          |     |                       |       |              |     |    |   |   |
| Physical/Aggregate (Fresh) (P-1L)  |  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |         |                                             |           |           |             | Ice          |        |  |          |     |                       |       |              |     |    |   |   |
| Physical/Aggregate (Marine) (P-1L) |  | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                              |         |                                             |           |           |             | Ice          |        |  |          |     |                       |       |              |     |    |   |   |
| Macroinvertebrates (PJ-2L)         |  | MI-FW-QLDC                                                                  |         |                                             |           |           |             | Ice          |        |  |          |     |                       |       |              |     |    |   |   |
| Periphyton (PT-50ML)               |  | ALGAE-ID                                                                    |         |                                             |           |           |             | Ice          |        |  |          |     |                       |       |              |     |    |   |   |
| Microbiology (Contract Lab Bottle) |  | X                                                                           | E Coli  |                                             | F Coli    |           | Enterococci |              | X      |  |          |     |                       |       |              | Ice | 1  | 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 |             | X            | Ice    |  |          |     |                       |       |              |     |    |   |   |
|                                    |  | W-PCL-SQ-R                                                                  |         | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |           | X         | W-CT-CL-R   |              |        |  |          |     |                       |       |              |     |    |   |   |
| Phytoplankton                      |  | DTY-QN-C                                                                    |         | PKD-QN-BV                                   |           |           |             | Ice          |        |  |          |     |                       |       |              |     |    |   |   |



|                  |                                                       |
|------------------|-------------------------------------------------------|
| RQ-2021-04-26-48 | Collected By: Kirby Wolfe, William Mullen             |
| Customer: FDEP   | Field Report Prepared by: Kirby Wolfe, William Mullen |
| Project ID: SMP  | Sampling Agency: FDEP                                 |

WIN ID/Field ID:   
WIN ID/Field ID: G3SD0148

Comments:

Location: Peace River Estuary @ Harbour Heights

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time     | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |
|-------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 4/26/2021<br>1135 | 6.1       | 79        | 27.5     | 7.47 | 0.3              | 0.65         | 1.4             | 6553                | 3.52            |

Central Lab please use top row for login purposes

| Parameter Suite                    | Parameter Methods |                                                                              |           |       |                                             | Preservation |             |           | pH Check |        | # Bottles sent to Lab | Bottle Group |    |   |  |
|------------------------------------|-------------------|------------------------------------------------------------------------------|-----------|-------|---------------------------------------------|--------------|-------------|-----------|----------|--------|-----------------------|--------------|----|---|--|
| Preserved Nutrients (P-500ML)      | X                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |           |       |                                             |              | X           | Ice       | X        | H2SO4* | X                     | <2           | 1  | B |  |
|                                    | Lot #             |                                                                              | SA0353110 |       | Exp:                                        | 01/11/22     |             |           |          |        |                       |              |    |   |  |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                      |           | W-ICP |                                             |              | W-HARD      |           | Ice      |        | HNO3*                 |              | <2 |   |  |
|                                    | Lot #             |                                                                              |           |       | Exp:                                        |              |             |           |          |        |                       |              |    |   |  |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                      |           | X     | Field Filtered 0.45 um Filter               |              |             | X         | Ice      |        |                       |              | 1  | B |  |
|                                    | Filter Lot #      |                                                                              | 118593    |       |                                             |              |             |           |          |        |                       |              |    |   |  |
|                                    | Syringe Lot #     |                                                                              | 17162587  |       |                                             |              |             |           |          |        |                       |              |    |   |  |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                   |           |       |                                             |              | X           | Ice       |          | 1      |                       |              | B  |   |  |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |           |       |                                             |              | X           | Ice       |          | 1      |                       |              | B  |   |  |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |           |       |                                             |              |             | Ice       |          |        |                       |              |    |   |  |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   |           |       |                                             |              |             | Ice       |          |        |                       |              |    |   |  |
| 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)           | 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    |                       |              |    |   |  |
|                                    |                   |                                                                              |           |       |                                             |              | W-DIELDRIN  |           |          |        |                       |              |    |   |  |
|                                    | W-PCL-SQ-R        |                                                                              |           |       | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |              | W-CT-CL-R   |           |          |        |                       |              |    |   |  |
| Phytoplankton                      | DTY-QN-C          |                                                                              |           |       | PKD-QN-BV                                   |              |             | Ice       |          |        |                       |              |    |   |  |

RQ-2021-04-26-48

Collected By: William Mullen, Kirby Wolfe



Customer: FDEP

Field Report Prepared by: William Mullen, Kirby Wolfe

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G3SD0154

Comments:

Location: Peace River Above Horse Creek 2

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time                                     | DO (mg/L) | DO (%SAT)                                                                    | Temp. © | pH         | Sample Depth (m)                            | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH |                       |              |   |     |   |   |   |
|---------------------------------------------------|-----------|------------------------------------------------------------------------------|---------|------------|---------------------------------------------|--------------|-----------------|---------------------|----------------|-----------------------|--------------|---|-----|---|---|---|
| 4/26/2021<br>1240                                 | 6.56      | 82.9                                                                         | 27.3    | 7.88       | 0.3                                         | 0.55         | 1.6             | 367.4               | 0.17           |                       |              |   |     |   |   |   |
| Central Lab please use top row for login purposes |           |                                                                              |         |            |                                             |              |                 |                     |                |                       |              |   |     |   |   |   |
|                                                   |           |                                                                              |         |            |                                             |              |                 |                     |                |                       |              |   |     |   |   |   |
| 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 #                                                                        |         | SA0353110  |                                             | Exp:         | 01/11/22        |                     |                |                       |              |   |     |   |   |   |
| Metals (P-500ML)                                  |           | W-ICPMS                                                                      |         | W-ICP      |                                             | W-HARD       |                 |                     | Ice            |                       | HNO3*        |   | <2  |   |   |   |
|                                                   |           | Lot #                                                                        |         |            |                                             | Exp:         |                 |                     |                |                       |              |   |     |   |   |   |
| Filtered Nutrients (P125ML)                       | X         | W-PO4-F                                                                      |         | X          | Field Filtered 0.45 µm Filter               |              |                 | X                   | Ice            |                       |              |   | 1   | A |   |   |
|                                                   |           | Filter Lot #                                                                 |         | 17162587   |                                             |              |                 |                     |                |                       |              |   |     |   |   |   |
|                                                   |           | Syringe Lot #                                                                |         | 118593     |                                             |              |                 |                     |                |                       |              |   |     |   |   |   |
| Chlorophyll (BP-1L)                               | X         | CHLSUITE-W                                                                   |         |            |                                             | X            | Ice             |                     |                |                       |              |   | 1   | A |   |   |
| Physical/Aggregate (Fresh) (P-1L)                 | X         | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |         |            |                                             | X            | Ice             |                     |                |                       |              |   | 1   | A |   |   |
| Physical/Aggregate (Marine) (P-1L)                |           | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |         |            |                                             |              | Ice             |                     |                |                       |              |   |     |   |   |   |
| Macroinvertebrates (PJ-2L)                        |           | MI-FW-QLDC                                                                   |         |            |                                             |              | Ice             |                     |                |                       |              |   |     |   |   |   |
| Periphyton (PT-50ML)                              |           | ALGAE-ID                                                                     |         |            |                                             |              | Ice             |                     |                |                       |              |   |     |   |   |   |
| Microbiology (Contract Lab Bottle)                | X         | E Coli                                                                       |         |            | F Coli                                      |              |                 | Enterococci         |                | X                     |              |   | Ice |   | 1 | A |
|                                                   |           | Contract Lab                                                                 |         |            |                                             |              |                 |                     |                |                       |              |   |     |   |   |   |
| Molecular (QPCR-P-500ML)                          |           | PCR-HF183                                                                    |         |            | PCR-BacR                                    |              |                 | PCR-DG3             |                |                       |              |   | Ice |   |   |   |
|                                                   |           | PCR-GULL2                                                                    |         |            | PCR-GFD                                     |              |                 |                     |                |                       |              |   |     |   |   |   |
| Tracers (BG-500ML)                                |           | W-E8321-DI                                                                   |         |            | W-E8321-MS                                  |              |                 |                     | Ice            |                       |              |   |     |   |   |   |
| Pesticides (BG-500ML) (BG-1L)                     | X         | W-E8321-DI                                                                   | X       | W-E8321-MS |                                             | X            | W-PSNP-TQ       |                     | X              | Ice                   |              |   | 10  | A |   |   |
|                                                   |           |                                                                              |         |            |                                             |              | W-DIELDRIN      |                     |                |                       |              |   |     |   |   |   |
|                                                   | X         | W-PCL-SQ-R                                                                   |         | X          | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |              | X               | W-CT-CL-R           |                |                       |              |   |     |   |   |   |
| Phytoplankton                                     |           | DTY-QN-C                                                                     |         |            | PKD-QN-BV                                   |              |                 | Ice                 |                |                       |              |   |     |   |   |   |

RQ-2021-04-26-48

Collected By: Kirby Wolfe, William Mullen



Customer: FDEP

Field Report Prepared by: Kirby Wolfe, William Mullen

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G2SD0033

Comments:

Location: ALLIGATOR SOUTH @ JONES LOOP RD

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time                                     | DO (mg/L) | DO (%SAT)                                                                    | Temp. @ | pH                                          | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |                       |              |     |     |
|---------------------------------------------------|-----------|------------------------------------------------------------------------------|---------|---------------------------------------------|------------------|--------------|-----------------|---------------------|-----------------|-----------------------|--------------|-----|-----|
| 4/26/2021 1035                                    | 2.6       | 30.5                                                                         | 23      | 6.96                                        | 0.1              | 0.2          | 0.2             | 1052                | 0.52            |                       |              |     |     |
| Central Lab please use top row for login purposes |           |                                                                              |         |                                             |                  |              |                 |                     |                 |                       |              |     |     |
|                                                   |           |                                                                              |         |                                             |                  |              |                 |                     |                 |                       |              |     |     |
| Parameter Suite                                   |           | Parameter Methods                                                            |         |                                             |                  | Preservation |                 | pH Check            |                 | # Bottles sent to Lab | Bottle Group |     |     |
| Preserved Nutrients (P-500ML)                     |           | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |         |                                             |                  | Ice . H2SO4* |                 | <2                  |                 |                       |              |     |     |
|                                                   |           | Lot #                                                                        |         | Exp:                                        |                  |              |                 |                     |                 |                       |              |     |     |
| Metals (P-500ML)                                  |           | X                                                                            | W-ICPMS | X                                           | W-ICP            | X            | W-HARD          | X                   | Ice             | X                     | HNO3*        |     |     |
|                                                   |           | Lot #                                                                        |         | NA0344060                                   |                  | Exp:         |                 | 01/04/22            |                 | X                     | <2           |     |     |
| Filtered Nutrients (P125ML)                       |           | W-PO4-F                                                                      |         | Field Filtered 0.45 um Filter               |                  |              | Ice             |                     |                 |                       |              |     |     |
|                                                   |           | Filter Lot #                                                                 |         |                                             |                  |              |                 |                     |                 |                       |              |     |     |
|                                                   |           | Syringe Lot #                                                                |         |                                             |                  |              |                 |                     |                 |                       |              |     |     |
| Chlorophyll (BP-1L)                               |           | CHLSUITE-W                                                                   |         |                                             |                  | Ice          |                 |                     |                 |                       |              |     |     |
| Physical/Aggregate (Fresh) (P-1L)                 |           | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |         |                                             |                  | Ice          |                 |                     |                 |                       |              |     |     |
| Physical/Aggregate (Marine) (P-1L)                |           | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |         |                                             |                  | Ice          |                 |                     |                 |                       |              |     |     |
| Macroinvertebrates (PJ-2L)                        |           | MI-FW-QLDC                                                                   |         |                                             |                  | Ice          |                 |                     |                 |                       |              |     |     |
| Periphyton (PT-50ML)                              |           | ALGAE-ID                                                                     |         |                                             |                  | Ice          |                 |                     |                 |                       |              |     |     |
| Microbiology (Contract Lab Bottle)                |           | X                                                                            | E Coli  |                                             | F Coli           |              | Enterococci     |                     |                 |                       |              | X   | Ice |
|                                                   |           | Contract Lab                                                                 |         |                                             |                  |              |                 |                     |                 |                       |              |     |     |
| Molecular (QPCR-P-500ML)                          |           | PCR-HF183                                                                    |         |                                             | PCR-BacR         |              | PCR-DG3         |                     | Ice             |                       |              |     |     |
|                                                   |           | PCR-GULL2                                                                    |         |                                             | PCR-GFD          |              |                 |                     |                 |                       |              |     |     |
| Tracers (BG-500ML)                                |           | W-E8321-DI                                                                   |         |                                             | W-E8321-MS       |              | Ice             |                     |                 |                       |              |     |     |
| Pesticides (BG-500ML) (BG-1L)                     |           | W-E8321-DI                                                                   |         | W-E8321-MS                                  |                  | W-PSNP-TQ    |                 | X                   |                 |                       |              | Ice |     |
|                                                   |           |                                                                              |         |                                             |                  | W-DIELDRIN   |                 |                     |                 |                       |              |     |     |
|                                                   |           | W-PCL-SQ-R                                                                   |         | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |                  | X            | W-CT-CL-R       |                     |                 | 3                     | C            |     |     |
| Phytoplankton                                     |           | DTY-QN-C                                                                     |         | PKD-QN-BV                                   |                  |              | Ice             |                     |                 |                       |              |     |     |



Date of Request: 12-APR-2021  
 Created By: HORMUTH\_C On: 12-APR-2021  
 Modified By: WATTS\_J On: 23-APR-2021  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Event Description: 2021 SMP: Peace River

**Send Coolers To:**

Phone: 239-344-5718  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: Chris Hormuth  
 Cooler Ship EMail: Chris.Hormuth@FloridaDEP.gov

Priority: 3  
 Event Status: A  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 23-APR-2021  
 Biology Request Reviewed By: WATTS\_J On: 23-APR-2021  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped: YES On: 21-APR-2021  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 26-APR-2021  
 Logged In By:

**Send Final Report To:**

FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: Chris Hormuth  
 Report Notification EMail:  
 Nicole.Reistad@FloridaDEP.gov; Kirby.Wolfe@dep.state.fl.us; Gary.Snorek@dep.state.fl.us; Chris.Hormuth@FloridaDEP.gov; William.Mullen@FloridaDEP.gov

Comments: Group A: (P Riv above Horse) Freshwater Nutrients, E. coli, Pesticides  
 Group B: (P Riv Estuary) Marine Nutrients, Entero  
 Group C: (Alligator Creeks) Freshwater Metals ONLY, E. coli, W-CT-CI-R

2 - cases nitric acid  
 4 - full bottles sulfuric acid 10 pipettes

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

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                   |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| W-COLOR                     | Template: DEFAULT    | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                              |
| Color (true)                |                      |                                                                                                              |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| W-SO <sub>4</sub> -IC       | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                  |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| SD-SND-ECQ                  | Template: DEFAULT    | (Colilert-18) E. coli by Colilert-18/QT by Sanders in Fort Myers                                             |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: CH <sub>2</sub> CICOOH Pre-Preserved                                                         |
| W-CARB-AA                   | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                       |
| Bottle Type: BG-500ML       | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| W-CT-CI-R                   | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization            |
| W-PCL-TQ-R                  | Template: DEFAULT    | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS                 |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| W-E8321-DI                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |

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

|                       |                      |                                                                                          |
|-----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML | Number of Bottles: 1 | Preserved With: ICE                                                                      |
| W-E8321-MS            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS  |
| Bottle Type: P-500ML  | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                            |
| W-NH3                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                               |
| W-NO2NO3              | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                       |
| W-S-A-TP              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                      |
| W-TKN                 | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                         |
| W-TOC                 | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                         |
| Bottle Type: P-125ML  | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F               | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |
| Bottle Type: BG-1L    | Number of Bottles: 4 | Preserved With: ICE                                                                      |
| W-PSNP-TQ             | Template: DEFAULT    | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS       |

**Bottle Group B (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-BR-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Bromide 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: 1 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| SD-SND-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by Sanders in Fort Myers                                        |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                                                |
| W-NH3                       | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO2NO3                    | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| W-S-A-TP                    | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |
| W-TKN                       | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |
| W-TOC                       | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                             |
| Bottle Type: P-125ML        | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                                                   |
| W-PO4-F                     | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |

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

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| SD-SND-ECQ                  | Template: DEFAULT    | (Colilert-18) E. coli by Colilert-18/QT by Sanders in Fort Myers                                                                               |
| Bottle Type: BG-500ML       | Number of Bottles: 6 | Preserved With: ICE                                                                                                                            |
| W-CT-CI-R                   | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization                                              |
| Bottle Type: P-500ML        | Number of Bottles: 2 | Preserved With: HNO3                                                                                                                           |
| W-HARD                      | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                                |
| Hardness                    |                      |                                                                                                                                                |
| W-ICP                       | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                      |                      |                                                                                                                                                |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Manganese                   |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |
| Sodium                      |                      |                                                                                                                                                |
| Zinc                        |                      |                                                                                                                                                |
| W-ICPMS                     | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron                      |                      |                                                                                                                                                |
| Aluminum                    |                      |                                                                                                                                                |
| Antimony                    |                      |                                                                                                                                                |
| Arsenic                     |                      |                                                                                                                                                |
| Beryllium                   |                      |                                                                                                                                                |

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

Bottle Type: P-500ML

Number of Bottles: 2

Preserved With: HNO3

W-ICPMS

Template:

(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Cadmium

Chromium

Copper

Lead

Nickel

Selenium

Silver

Thallium

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

