

# Login Checklist

RQ- 2021-08-02-75

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 8/18 /21 @ 10:20

| *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 |                    |
| 4.6                 |                 |                                        |          | 16                                    |               | ✓  |          |    | 9293 8015 6564     |
| 2.4                 |                 |                                        |          | 8                                     |               | ✓  |          |    | 9293 8015 6575     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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# 8993

**CHLORINE CHECK REQUIRED?** (Blue dot on container)

Yes ☒ No \_\_\_\_\_ Init: KK

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No ☒ Init: KK

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: KK

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

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

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

Coolers Unpacked/Checked by: KK

Date: 8/18 /21

Event contains NCRs (Y/N)? Y

Event ID: 2021 SMP : Large Highlands  
SO-DIST-2021-08-18-01 (SMP)

Date Received: 18-AUG-2021 10:20

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #5 EXP:10-28-21 |
| pH Test Strips 0 – 6     | Lot#210620 EXP:4-15-23      |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | Lot#210620 EXP:4-15-23      |
| Chlorine Test Strips     | Lot#0261 EXP:5-23           |

### Additional Comments:

### ENCORE SAMPLES

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

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

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

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

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

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

### **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:** 8/17/2021      **Collected By:** Thomas Baker, William Mullen  
**Customer:** SO-DIST      **Sampling:** FDEP  
**RQ:** RQ-2021-08-02-75      **Agency:** \_\_\_\_\_  
**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:** 2

**Delivery Method:** FedEx

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

| Site Location           | Field ID/WIN ID                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------|
| C-19 @ US 27            | <br>G3SD0087   |
| C-19 CANAL              | <br>G3SD0162   |
| NineMileCanal@9MiCnlRd  | <br>G3SD0209 |
| NINE MILE CANAL @ SR 80 | <br>G3SD0088 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 8/17/2021  
1500 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: *KK*

Rec'd/Inspected

Date: *8-18-21 / 1020*



|                  |                                                        |
|------------------|--------------------------------------------------------|
| RQ-2021-08-02-75 | Collected By: Thomas Baker, William Mullen             |
| Customer: FDEP   | Field Report Prepared by: Thomas Baker, William Mullen |
| Project ID: SMP  | Sampling Agency: FDEP                                  |

WIN ID/Field ID:   
 WIN ID/Field ID: G3SD0087

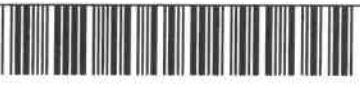
Comments:

Location:  
 Location: C-19 @ US 27

Matrix: Fresh (Check One) ☒ Grab ☐ Composite

| Date and Time {EST}                | DO (mg/L) | DO (%SAT)                                                                 | Temp. © | pH                                          | Sample Depth (m)              | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH |                       |              |   |   |   |
|------------------------------------|-----------|---------------------------------------------------------------------------|---------|---------------------------------------------|-------------------------------|--------------|-----------------|---------------------|----------------|-----------------------|--------------|---|---|---|
| 8/17/2021 1030                     | 1.92      | 24.5                                                                      | 27.8    | 7.21                                        | 0.3                           | 0.8          | 1.7             | 663                 | 0.32           |                       |              |   |   |   |
| 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 #                                                                     |         | SA1105060                                   |                               | Exp:         |                 | 04/30/22            |                |                       |              |   |   |   |
| 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 | A |   |
|                                    |           | Filter Lot #                                                              |         | 17162587                                    |                               |              |                 |                     |                |                       |              |   |   |   |
|                                    |           | Syringe Lot #                                                             |         | 1091364                                     |                               |              |                 |                     |                |                       |              |   |   |   |
| Chlorophyll (BP-1L)                | X         | CHLSUITE-W                                                                |         |                                             |                               | x            | Ice             |                     | 1              |                       |              | A |   |   |
| Physical/Aggregate (Fresh) (P-1L)  | X         | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / 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                                                                |         | Formalin Lot #                              |                               |              | Formalin        |                     |                |                       |              |   |   |   |
| 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            |                       |              |   |   |   |
|                                    |           | W-PCL-TQ-R                                                                |         | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |                               | W-CT-CL-R    |                 |                     |                |                       |              |   |   |   |
| Phytoplankton                      |           | DTY-QN-C                                                                  |         | PKD-QN-BV                                   |                               |              | Ice             |                     |                |                       |              |   |   |   |



|                                                                                                                                 |                                                        |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| RQ-2021-08-02-75                                                                                                                | Collected By: Thomas Baker, William Mullen             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Thomas Baker, William Mullen |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                  |
| WIN ID/Field ID: <br>WIN ID/Field ID: G3SD0162 | Comments:                                              |

Location:  
Location: C-19 CANAL

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time {EST}                | DO (mg/L)         | DO (%SAT)                                                                   | Temp. ©        | pH                                         | Sample Depth (m)              | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm)   | Salinity (PPT) |    |   |   |
|------------------------------------|-------------------|-----------------------------------------------------------------------------|----------------|--------------------------------------------|-------------------------------|--------------|-----------------|-----------------------|----------------|----|---|---|
| 8/17/2021 1055                     | 2.75              | 36.2                                                                        | 30.3           | 7.52                                       | 0.3                           | 0.6          | 1.3             | 997                   | 0.49           |    |   |   |
| 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 | C |
|                                    |                   | Lot #                                                                       |                | SA1105060                                  | Exp:                          | 04/30/22     |                 |                       |                |    |   |   |
| 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 |              |                 |                       |                |    |   |   |
|                                    |                   | Filter Lot #                                                                |                | 17162587                                   |                               | X            | Ice             |                       |                |    | 1 | C |
|                                    |                   | Syringe Lot #                                                               |                | 1091364                                    |                               |              |                 |                       |                |    |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                  |                |                                            | X                             | Ice          |                 |                       |                |    | 1 | C |
| 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 | C |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / 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                                     |                               | Enterococci  |                 |                       |                |    |   |   |
|                                    |                   | Contract Lab                                                                |                |                                            |                               | Ice          |                 |                       |                |    |   |   |
| 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)      | X                 | W-E8321-DI                                                                  | X              | W-E8321-MS                                 | X                             | W-PSNP-TQ    | X               | Ice                   |                |    | 8 | C |
|                                    | X                 | W-PCL-TQ-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-2021-08-02-75                                                                                                                              | <b>Collected By:</b> Thomas Baker, William Mullen                        |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Thomas Baker, William Mullen            |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                             |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0209 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory |

**Location:**

Location: NineMileCanal@9MiCnIRd

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time {EST}                | DO (mg/L) | DO (%SAT)                                                                 | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm)    | Salinity (PPT) |
|------------------------------------|-----------|---------------------------------------------------------------------------|----------|------|------------------|--------------|-----------------|-----------------------|----------------|
| 8/17/2021<br>1135                  | 1.15      | 14.9                                                                      | 28.9     | 7.35 | 0.3              | 0.6          | 0.6             | 567                   | 0.27           |
| 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 #                                                |          |      |                  |              |                 |                       |                |
| Chlorophyll (BP-1L)                |           | CHLSUITE-W                                                                |          |      | Ice              |              |                 |                       |                |
| Physical/Aggregate (Fresh) (P-1L)  |           | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS |          |      | Ice              |              |                 |                       |                |
| Physical/Aggregate (Marine) (P-1L) |           | Alkalinity / W-BR-IC / 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                     | 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              |              |                 |                       |                |
|                                    |           | W-PCL-TQ-R / W-CAR8-AA (5 ml of MCAA** Buffer Solution) / W-CT-CL-R       |          |      |                  |              |                 |                       |                |
| Phytoplankton                      |           | DTY-QN-C / PKD-QN-BV                                                      |          |      | Ice              |              |                 |                       |                |



|                                                                                                                                 |                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| RQ-2021-08-02-75                                                                                                                | Collected By: Thomas Baker, William Mullen                        |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Thomas Baker, William Mullen            |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                             |
| WIN ID/Field ID: <br>WIN ID/Field ID: G3SD0088 | Comments: Microbiology sample(s) submitted to contract laboratory |

Location:  
Location: NINE MILE CANAL @ SR 80

Matrix: Fresh (Check One) ☒ Grab ☐ Composite

| Date and Time {EST}                | DO (mg/L) | DO (%SAT)                                      | Temp. ©                                                                      | pH                                          | Sample Depth (m) | Secchi Depth                  | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH |                       |              |    |   |   |
|------------------------------------|-----------|------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------|------------------|-------------------------------|-----------------|---------------------|----------------|-----------------------|--------------|----|---|---|
| 8/17/2021 1200                     | 4.84      | 63.7                                           | 29.6                                                                         | 7.42                                        | 0.3              | 0.5                           | 1.1             | 615                 | 0.29           |                       |              |    |   |   |
| 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 #                                          |                                                                              | SA1105060                                   |                  | Exp:                          |                 | 04/30/22            |                |                       |              |    |   |   |
| 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 #                                   |                                                                              | 17162587                                    |                  |                               |                 |                     |                |                       |              |    |   |   |
|                                    |           | Syringe Lot #                                  |                                                                              | 1091364                                     |                  |                               |                 |                     |                |                       |              |    |   |   |
| 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                                     |                                                                              | Formalin Lot #                              |                  | Formalin                      |                 |                     |                |                       |              |    |   |   |
| Periphyton (PT-50ML)               |           | ALGAE-ID                                       |                                                                              |                                             |                  | Ice                           |                 |                     |                |                       |              |    |   |   |
| Microbiology (Contract Lab Bottle) |           | X                                              | E Coli                                                                       |                                             | F Coli           | Enterococci                   | x               | Ice                 |                |                       |              | 1  | B |   |
|                                    |           | Contract Lab                                   |                                                                              |                                             |                  |                               |                 |                     |                |                       |              |    |   |   |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                                      |                                                                              | PCR-BacR                                    |                  | PCR-DG3                       |                 | Ice                 |                |                       |              |    |   |   |
|                                    |           | PCR-GULL2                                      |                                                                              | PCR-GFD                                     |                  |                               |                 |                     |                |                       |              |    |   |   |
| Tracers (BG-500ML)                 |           | W-E8321-DI                                     |                                                                              | W-E8321-MS                                  |                  | Ice                           |                 | x                   | Ice            |                       | 4            | B  |   |   |
| Pesticides (BG-500ML) (BG-1L)      |           | W-E8321-DI                                     |                                                                              | W-E8321-MS                                  |                  | X                             | W-PSNP-TQ       |                     |                |                       |              |    |   |   |
|                                    |           | W-PCL-TQ-R                                     |                                                                              | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |                  | W-CT-CL-R                     |                 |                     |                |                       |              |    |   |   |
| Phytoplankton                      |           | DTY-QN-C                                       |                                                                              | PKD-QN-BV                                   |                  | Ice                           |                 |                     |                |                       |              |    |   |   |



CHAIN OF CUSTODY RECORD

Project #  
(Lab Use Only)

Project Name:

Project Location:

Customer Type:

Kit #:

Requested Due Date:

Client Florida Dept. of Environmental Protection

Address 2600 Blairstone Rd. Tallahassee, FL 32399

Phone 850-245-8085 239-470-0873

Fax

Report To: DEP-OverflowMicro@dep.state.fl.us

Bill to: Carina Tull

P.O. # LAB #039 89633B

Preservative: HCL = H, HNO<sub>3</sub> = N, Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> = ST  
H<sub>2</sub>SO<sub>4</sub> = S, NaOH = SH, NH<sub>4</sub>Cl = NH

| Sampled By (PRINT) Thomas Baker |              | Sample             |      | Preservatives                       |   | Analysis Requested |        |       | Sample ID #<br>(Lab Use Only) |
|---------------------------------|--------------|--------------------|------|-------------------------------------|---|--------------------|--------|-------|-------------------------------|
| Sampler Signature               | Thomas Baker | Date               | Time | H                                   | S | E. coli            | Entero | Fecal |                               |
| F                               | G3SD0209     | 08/17/2019         | 1135 | 9/14                                | X | X                  |        |       |                               |
| F                               | G3SD0088     | 08/17/2019         | 1200 | 9/14                                | X | X                  |        |       |                               |
| Samples are ambient water       |              | Client Initial: JB |      | Date/Time Accepted: 08/17/2019 1400 |   |                    |        |       |                               |
| 2021 RQ-2019-08-02-75           |              | Samples On Ice     |      |                                     |   |                    |        |       |                               |
|                                 |              | Yes No             |      |                                     |   |                    |        |       |                               |

1050 Endeavor Ct, Nokomis, FL 34275-3623 (941) 488-8103 fax (941) 484-6774

10090 Bavaria Rd., Fort Myers, FL 33913 (239) 590-0337 fax (239) 590-0536  
Form #: RCF-02



Date of Request: 20-JUL-2021  
 Created By: BAKER\_T On: 20-JUL-2021  
 Modified By: JASROTIA\_P On: 21-JUL-2021  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Recreation and Parks  
 District: South District  
 Event Description: 2021 SMP : Large Highlands

**Send Coolers To:**

Phone: 239-344-5716  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: William Mullen  
 Cooler Ship EMail: William.Mullen@FloridaDEP.gov

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 20-JUL-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 21-JUL-2021  
 Sampling Kit Required: YES Ship on: 23-JUL-2021  
 Sampling Kit Shipped: YES On: 23-JUL-2021  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 02-AUG-2021  
 Logged In By:

**Send Final Report To:**

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

Comments: Group A: (C-19) Freshwater Nutrients  
 Group B: (G3SD0088) Freshwater Nutrients, E. coli, W-PSNP-TQ  
 Group C: (Caloosa Canal) Freshwater Nutrients, Pesticides  
 Group D: (G3SD0209) E. coli

**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-SO4-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-500ML              | Number of Bottles: 1 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>              |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO <sub>2</sub> NO <sub>3</sub> | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| 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-PO <sub>4</sub> -F | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

|                    |                      |                                                                                    |
|--------------------|----------------------|------------------------------------------------------------------------------------|
| 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 Type: P-1L  | Number of Bottles: 1 | Preserved With: ICE                                                                |

**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 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: P-500ML              | Number of Bottles: 1 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                       |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO <sub>2</sub> NO <sub>3</sub> | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| 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-PO <sub>4</sub> -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 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: BG-500ML             | Number of Bottles: 1 | Preserved With: CH <sub>2</sub> ClCOOH and Ice                                                               |
| 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                      |
| 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 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                                           |
| 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-PO <sub>4</sub> -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: 2 | Preserved With: ICE                                                                                          |
| W-PSNP-TQ                         | Template: DEFAULT    | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS                           |

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

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

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