

# Login Checklist

RQ- 2021-02-08-14

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 3/10/21 @ 10:55

| *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 |                    |
| 2.1                 |                 |                                        |          | 8                                     |               | ✓  |          |    | 9293 8010 2781     |
| 2.2                 |                 |                                        |          | 8                                     |               | ✓  |          |    | 9293 8010 3870     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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: AK

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☒ Init: AK

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: AK

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

Yes ☐ No ☐ NA ☒ Init: AK

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

Coolers Unpacked/Checked by: AK

Date: 3/10/21

Event contains NCRs (Y/N)? N

Event ID: Eau Gallie/IRL/Crane  
CEN-DIST-2021-03-10-01 (SMP)

—Date Received: 10-MAR-2021 10:55

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

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

### ENCORE SAMPLES

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

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

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

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

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

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

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

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

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

|                                                                                                        |                                                                                                                                |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Date:</b> <u>3/9/2021</u><br><b>Customer:</b> <u>CEN-DIST</u><br><b>RQ:</b> <u>RQ-2021-02-08-14</u> | <b>Collected By:</b> <u>Natalie Ayala, Katie March</u><br><b>Sampling Agency:</b> <u>FDEP</u><br><b>Project ID:</b> <u>SMP</u> |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|

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

**Number of Coolers Shipped: 2**

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

| Site Location                             | Field ID/WIN ID                                                                                  |
|-------------------------------------------|--------------------------------------------------------------------------------------------------|
| IRL @ Kid Creek                           | <br>G5CE0136   |
| IRL @ 265m SE of John Jorgensen's Landing | <br>G5CE0139   |
| IRL @ Turkey Creek                        | <br>G5CE0138 |
| IRL @ Crane Creek                         | <br>G5CE0137 |
| Crane Creek 380 US of RR Bridge           | <br>G5CE0151 |
| Crane Creek @ 200m upstream of RR bridge  | <br>G5CE0097 |

RELINQUISHED BY(SIGNATURE):

*Kathryn March*

DATE/TIME: 3/9/21

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: *KK*

Rec'd/Inspected Date: *3-10-21/1055*



|                                                                                                                                 |                                                      |
|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| RQ-2021-02-08-14                                                                                                                | Collected By: Natalie Ayala, Katie March             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Natalie Ayala, Katie March |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                |
| WIN ID/Field ID: <br>WIN ID/Field ID: G5CE0136 | Comments:                                            |

Location: IRL @ Kid Creek

Matrix: Marine

(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 (PPT) |
|---------------|-----------|-----------|----------|-----|------------------|--------------|-----------------|--------------------|----------------|
| 3/9/2021 1109 | 8.48      | 98.7      | 17.8     | 7.7 | 0.3              | 1.3          | 1.7             | 27158              | 16.72          |

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<br>Lot #<br>Exp:                                                     | Ice H2SO4*   | <2       |                       |              |
| Metals (P-500ML)                   | W-ICPMS W-ICP W-HARD<br>Lot #<br>Exp:                                                                            | Ice HNO3*    | <2       |                       |              |
| Filtered Nutrients (P125ML)        | W-PO4-F Field Filtered 0.45 µm Filter<br>Filter Lot #<br>Syringe Lot #                                           | Ice          |          |                       |              |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                                                       | Ice          |          |                       |              |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS                                      | Ice          |          |                       |              |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-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<br>Contract Lab                                                                      | X Ice        |          | 1                     | B            |
| Molecular (QPCR-P-500ML)           | PCR-HF183 PCR-BacR PCR-DG3<br>PCR-GULL2 PCR-GFD                                                                  | Ice          |          |                       |              |
| Tracers (BG-500ML)                 | W-E8321-DI W-E8321-MS                                                                                            | Ice          |          |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI W-E8321-MS W-PSNP-TQ<br>W-PCL-SQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-DIELDRIN<br>W-CT-CL-R | Ice          |          |                       |              |
| Phytoplankton                      | DTY-QN-C PKD-QN-BV                                                                                               | Ice          |          |                       |              |



RQ-2021-02-08-14

Customer: FDEP

Project ID: SMP

Collected By: Natalie Ayala, Katie March

Field Report Prepared by: Natalie Ayala, Katie March

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:



WIN ID/Field ID: G5CE0139

Location: IRL @ 265m SE of John Jorgensen's Landing

Matrix: Marine

(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 (PPT) |
|------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 3/9/2021<br>1132 | 9.02      | 106.9     | 18.7     | 7.81 | 0.3              | 0.9          | 0.9             | 27609              | 17.02          |

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)                   | W-ICPMS                                                                      |                                             | W-ICP                         | W-HARD      | Ice | HNO3*        | <2 |          |                       |              |
|                                    | Lot #                                                                        |                                             | Exp:                          |             |     |              |    |          |                       |              |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                      |                                             | Field Filtered 0.45 um Filter |             | Ice |              |    |          |                       |              |
|                                    | Filter Lot #                                                                 |                                             |                               |             |     |              |    |          |                       |              |
|                                    | Syringe Lot #                                                                |                                             |                               |             |     |              |    |          |                       |              |
| 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) | E Coli                                                                       | F Coli                                      | X                             | 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   | 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-2021-02-08-14                                                                                                                | Collected By: Natalie Ayala, Katie March             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Natalie Ayala, Katie March |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                |
| WIN ID/Field ID: <br>WIN ID/Field ID: G5CE0138 | Comments:                                            |

Location: IRL @ Turkey Creek

Matrix: Marine

(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 (PPT) |  |
|---------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------|-------------------------------|-------------|------------------|--------------|-----------------|-----------------------|----------------|--|
| 3/9/2021<br>1243                                  | 8.31                                                                        | 99.5                                       | 20                            | 7.71        | 0.3              | 1.7          | 1.7             | 23619                 | 14.34          |  |
| 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)                                  | 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              |              |                 | 1                     | B              |  |
| 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)                | E Coli                                                                      | F Coli                                     | X                             | Enterococci | X                | Ice          |                 |                       |                |  |
|                                                   | Contract Lab                                                                |                                            |                               |             |                  |              |                 |                       |                |  |
| Molecular (QPCR-P-500ML)                          | PCR-HF183                                                                   |                                            | PCR-BacR                      | PCR-DG3     | Ice              |              |                 |                       |                |  |
|                                                   | PCR-GULL2                                                                   |                                            | PCR-GFD                       |             | Ice              |              |                 |                       |                |  |
| Tracers (BG-500ML)                                | W-E8321-DI                                                                  |                                            | W-E8321-MS                    |             | Ice              |              |                 |                       |                |  |
| Pesticides (BG-500ML) (BG-1L)                     | W-E8321-DI                                                                  | W-E8321-MS                                 |                               | W-PSNP-TQ   | 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-2021-02-08-14

Customer: FDEP

Project ID: SMP

Collected By: Natalie Ayala, Katie March

Field Report Prepared by: Natalie Ayala, Katie March

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G5CE0137

Comments:

Location: IRL @ Crane Creek

Matrix: Marine

(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 (PPT) |
|------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 3/9/2021<br>1352 | 8.72      | 105.2     | 21.2     | 7.74 | 0.305            | 1.2          | 2.1             | 19561              | 11.67          |

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)                   | W-ICPMS / W-ICP / W-HARD                                                    |                                            |      |             | Ice          | HNO3*  | <2       |                       |              |
|                                    | Lot #                                                                       |                                            | Exp: |             |              |        |          |                       |              |
| Filtered Nutrients (P125ML)        | W-PO4-F / Field Filtered 0.45 um Filter                                     |                                            |      |             | Ice          |        |          |                       |              |
|                                    | Filter Lot #                                                                |                                            |      |             |              |        |          |                       |              |
|                                    | Syringe Lot #                                                               |                                            |      |             |              |        |          |                       |              |
| 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) | 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-PCL-SQ-R                                                                  | W-CARB-AA (5 ml of MCAA** Buffer Solution) |      | W-DIELDRIN  |              |        |          |                       |              |
|                                    |                                                                             |                                            |      | W-CT-CL-R   |              |        |          |                       |              |
| Phytoplankton                      | DTY-QN-C / PKD-QN-BV                                                        |                                            |      |             | Ice          |        |          |                       |              |



| RQ-2021-02-08-14                                                                                                                |                                                                             |                   |          |            | Collected By: Natalie Ayala, Katie March                                                |              |                 |                       |                |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------|----------|------------|-----------------------------------------------------------------------------------------|--------------|-----------------|-----------------------|----------------|
| Customer: FDEP                                                                                                                  |                                                                             |                   |          |            | Field Report Prepared by: Natalie Ayala, Katie March                                    |              |                 |                       |                |
| Project ID: SMP                                                                                                                 |                                                                             |                   |          |            | Sampling Agency: FDEP                                                                   |              |                 |                       |                |
| WIN ID/Field ID: <br>WIN ID/Field ID: G5CE0151 |                                                                             |                   |          |            | Comments:                                                                               |              |                 |                       |                |
| Location: Crane Creek 380 US of RR Bridge                                                                                       |                                                                             |                   |          |            | (Check One) <input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite |              |                 |                       |                |
| Matrix: Marine                                                                                                                  |                                                                             |                   |          |            |                                                                                         |              |                 |                       |                |
| Date and Time                                                                                                                   | DO (mg/L)                                                                   | DO (%SAT)         | Temp. °C | pH         | Sample Depth (m)                                                                        | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm)    | Salinity (PPT) |
| 3/9/2021<br>1333                                                                                                                | 7.83                                                                        | 91.2              | 21.4     | 7.63       | 0.297                                                                                   | 1            | 1.2             | 8965                  | 5.03           |
| 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)                                                                                                                | 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-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)                                                                                              | E Coli F Coli X 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                                             |                   |          | Ice        |                                                                                         |              |                 |                       |                |
|                                                                                                                                 | W-PCL-SQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-DIELDIN             |                   |          |            |                                                                                         |              |                 |                       |                |
|                                                                                                                                 | W-CT-CL-R                                                                   |                   |          |            |                                                                                         |              |                 |                       |                |
| Phytoplankton                                                                                                                   | DTY-QN-C PKD-QN-BV                                                          |                   |          | Ice        |                                                                                         |              |                 |                       |                |





RQ-2021-02-08-14

Customer: FDEP

Project ID: SMP

Collected By: Natalie Ayala, Katie March

Field Report Prepared by: Natalie Ayala, Katie March

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:



WIN ID/Field ID: G5CE0097

Location: Crane Creek @ 200m upstream of RR bridge

Matrix: Marine

(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 (PPT) |
|------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 3/9/2021<br>1318 | 7.93      | 93.3      | 21.7     | 7.65 | 0.303            | 1            | 1.7             | 10964              | 6.24           |

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)                   | W-ICPMS / W-ICP / W-HARD                                                   |                                              |             |  | Ice          | HNO3*  | <2       |                       |              |
|                                    | Lot #                                                                      |                                              | Exp:        |  |              |        |          |                       |              |
| Filtered Nutrients (P125ML)        | W-PO4-F / Field Filtered 0.45 um Filter                                    |                                              |             |  | Ice          |        |          |                       |              |
|                                    | Filter Lot #                                                               |                                              |             |  |              |        |          |                       |              |
|                                    | Syringe Lot #                                                              |                                              |             |  |              |        |          |                       |              |
|                                    |                                                                            |                                              |             |  |              |        |          |                       |              |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                 |                                              |             |  | Ice          |        |          |                       |              |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-C-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) | E Coli / F Coli / X 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)      | X W-E8321-DI                                                               | X W-E8321-MS                                 | X W-PSNP-TQ |  | X Ice        |        |          | 10                    | C            |
|                                    | 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          |        |          |                       |              |

Printed: 3/10/2021 12:51:44 PM

Page 1 of 2

Date of Request: 04-JAN-2021  
 Created By: BOMAN\_L On: 04-JAN-2021  
 Modified By: JASROTIA\_P On: 15-JAN-2021  
 Customer: CEN-DIST  
 Project: SMP  
 Division:  
 District: Central District  
 Event Description: Eau Gallie/IRL/Crane

**Send Coolers To:**

Phone: 407-897-4178  
 FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Natalie Ayala  
 Cooler Ship EMail: natalie.ayala@dep.state.fl.us

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 14-JAN-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 15-JAN-2021  
 Sampling Kit Required: YES Ship on: 29-JAN-2021  
 Sampling Kit Shipped: YES On: 26-JAN-2021  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 08-FEB-2021  
 Logged In By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
 3319 Maguire Blvd., Suite 232  
 Orlando, FL 32803-3767  
 Attn: Kalina Warren  
 Report Notification EMail: natalie.ayala@dep.state.fl.us

Comments: Bottle Group A: Eau Gallie [WBID 3082] (x2)  
 Bottle Group B: IRL [WBID 2963A1] (x4)  
 Bottle Group C: Crane [WBID 3085A] Station with Pesticides  
 Bottle Group C: Crane [WBID 3085A] Just Entero

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

Bottle Type: P-250ML-WO-THI Number of Bottles: 2 Preserved With: ICE  
 ENT-24-QT Template: DEFAULT (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems

**Bottle Group B (Water) With 4 Samples:**

Bottle Type: P-250ML-WO-THI Number of Bottles: 4 Preserved With: ICE  
 ENT-24-QT Template: DEFAULT (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems

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

Bottle Type: P-250ML-WO-THI Number of Bottles: 1 Preserved With: ICE  
 ENT-24-QT Template: DEFAULT (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems  
 Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: CH2CICOOH 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-SQ-R Template: DEFAULT (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS-SIM  
 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: (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS  
 Bottle Type: BG-1L Number of Bottles: 4 Preserved With: ICE  
 W-PSNP-TQ Template: (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

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

Bottle Type: P-250ML-WO-THI Number of Bottles: 1 Preserved With: ICE  
 ENT-24-QT Template: DEFAULT (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems

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

Cooler Packing Worksheet for Request: RQ-2021-02-08-14

Eau Gallie/IRL/Crane

Ship Cooler On: 1/29/2021

Customer/Project: CEN-DIST/SMP

Assigned To: MCCOY\_I

Requester: Leif Boman

Priority: 3

407-897-4178

FL Dept. of Environmental Protection

3319 Maguire Blvd., Suite 232

Orlando, FL 32803-3767

Attn: Natalie Ayala

Please return  
packing list with  
sample submittal  
forms.

Comments:

No preservatives needed.

Bottle Group A: Eau Gallie [WBID 3082] (x2)

Bottle Group B: IRL [WBID 2963A1] (x4)

Bottle Group C: Crane [WBID 3085A] Station with Pesticides G5CED097 200m US of RR

Bottle Group D: Crane [WBID 3085A] Just Enter G5CED151 380 US of RR

Requested Analyses:

Bottle Group: A

# of Sites: 2

Container ID: P-250ML-WO-THI

Qty: 2

Preservation: ICE

Lot #

L20275

Description: 250 ml Sterilized no tablet

Analysis

ENT-24-QT

Description

Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems

Bottle Group: B

# of Sites: 4

Container ID: P-250ML-WO-THI

Qty: 4

Preservation: ICE

Lot #

L20275

Description: 250 ml Sterilized no tablet

Analysis

ENT-24-QT

Description

Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems

Bottle Group: C

# of Sites: 1

Container ID: P-250ML-WO-THI

Qty: 1 Preservation: ICE

Lot # L20275

Description: 250 ml Sterilized no tablet

Analysis

ENT-24-QT

Description

Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems

Container ID: BG-500ML

Qty: 1 Preservation: CH<sub>2</sub>ClCOOH Pre-Preserved

Lot # 00078534

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CARB-AA

Description

Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML

Qty: 4 Preservation: ICE

Lot # 00077878

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CT-Cl-R

W-PCL-SQ-R

Description

Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization

Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS-SIM

Container ID: BG-500ML

Qty: 1 Preservation: ICE

Lot # 00077878

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: BG-1L

Qty: 4 Preservation: ICE

Lot # 00077472

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-PSNP-TQ

Description

Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Bottle Group: D

# of Sites: 1

Container ID: P-250ML-WO-THI

Qty: 1 Preservation: ICE

Lot # L-20275

Description: 250 ml Sterilized no tablet

**Analysis**

ENT-24-QT

**Description**

Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems

Cooler Packed By: IM

Number of Coolers: 2 <sup>IM 1/26/21</sup>

Date: 1/26/21

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☐ Acid Labels (sets of 24)

If Preservation Included:

ID MCAA Buffer

Exp 6/6/21

Lot # 110364

ID \_\_\_\_\_

Exp \_\_\_\_\_

Lot # \_\_\_\_\_

ID \_\_\_\_\_

Exp \_\_\_\_\_

Lot # \_\_\_\_\_

ID \_\_\_\_\_

Exp \_\_\_\_\_

Lot # \_\_\_\_\_

ID \_\_\_\_\_

Exp \_\_\_\_\_

Lot # \_\_\_\_\_

**PLEASE RETURN ALL COOLERS FOR RQ-2021-02-08-14**