

RQ-2021-06-21-SS

## Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 7/21/2021 9:25

| *Cooler Temperature | Samples Frozen?<br>YES | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|------------------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                        | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |    | *Intact? |    |                    |
|                     |                        |                                        |          |                                       | Yes           | No | Yes      | No |                    |
| 2.8                 |                        |                                        |          | 4                                     |               | ✓  |          |    | 929380129777       |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO<sub>3</sub> and Formalin preserved samples do NOT have a temperature requirement.

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

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ 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: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐ Init: \_\_\_\_\_

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

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

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

Yes ☐ No ☐ NA ☒ Init: IM

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

Yes ☐ No ☐ NA ☒ Init: IM

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

Coolers Unpacked/Checked by: IM

Date: 7/21/2021

Event contains NCRs (Y/N)? ☒

Event ID:

Phelps/Half Mile

CEN-DIST-2021-07-21-01 (SMP)

Date Received: 21-JUL-2021 09:25

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #2 exp:10/28/21 |
| pH Test Strips 0 – 6     |                             |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | 219019 exp: 7/1/22          |
| Chlorine Test Strips     | 0129 exp: 03/2023           |

### ENCORE SAMPLES

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

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

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

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

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

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

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

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

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 7/20/2021  
**Customer:** CEN-DIST  
**RQ:** RQ-2021-06-21-55

**Collected By:** Katie March,  
**Sampling Agency:** FDEP  
**Project ID:** SMP

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

**Number of Coolers Shipped:** 2

**Delivery Method:** HandDelivered

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

| Site Location                         | Field ID/WIN ID                                                                                |
|---------------------------------------|------------------------------------------------------------------------------------------------|
| Phelps Creek 85m N of Lake Mary Blvd. | <br>G2CE0247 |
| Phelps Creek 25m S of Pine Ave.       | <br>G2CE0246 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 7/20/2021  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:



Rec'd/Inspected  
Date:

7/21/21



RQ-2021-06-21-55

Collected By: Katie March,

Customer: FDEP

Field Report Prepared by: Katie March,

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G2CE0247

Comments:

Location:

Location: Phelps Creek 85m N of Lake Mary Blvd.

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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 7/20/2021 1020      | 6.07      | 76.1      | 26.9     | 7.04 | 0.15             | 0.3          | 0.3             | 253.5               | 0.12           |

  

| 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                                                                  | Formalin Lot #                             |           | Formalin     |        |          |                       |              |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                    |                                            |           | Ice          |        |          |                       |              |
| Microbiology (Contract Lab Bottle) | X                                                                           | E Coli                                     | F Coli    | Enterococci  | x      | Ice      | 2                     | A            |
|                                    | Contract Lab                                                                |                                            |           |              |        |          |                       |              |
| Molecular (QPCR-P-500ML)           | PCR-HF183 / PCR-BacR / PCR-DG3                                              |                                            |           | Ice          |        |          |                       |              |
|                                    | PCR-GULL2 / PCR-GFD                                                         |                                            |           |              |        |          |                       |              |
| Tracers (BG-500ML)                 | W-E8321-DI / W-E8321-MS                                                     |                                            |           | Ice          |        |          |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | 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-2021-06-21-55 | Collected By: Katie March,             |
| Customer: FDEP   | Field Report Prepared by: Katie March, |
| Project ID: SMP  | Sampling Agency: FDEP                  |

|                                                                                                                                 |           |
|---------------------------------------------------------------------------------------------------------------------------------|-----------|
| WIN ID/Field ID: <br>WIN ID/Field ID: G2CE0246 | Comments: |
|---------------------------------------------------------------------------------------------------------------------------------|-----------|

Location:

Location: Phelps Creek 25m S of Pine Ave.

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) |
|---------------------|-----------|-----------|---------|------|------------------|--------------|-----------------|---------------------|----------------|
| 7/20/2021 1055      | 6.18      | 80.4      | 29.1    | 7.13 | 0.2              | 0.4          | 0.4             | 298.3               | 0.14           |

| 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                                                                   |        | Formalin Lot #                              |        |           |             | Formalin     |   |        |          |                       |              |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                     |        |                                             |        |           |             | Ice          |   |        |          |                       |              |
| Microbiology (Contract Lab Bottle) | X                                                                            | E Coli |                                             | F Coli |           | Enterococci |              | x | Ice    |          | 2                     | A            |
|                                    | Contract Lab                                                                 |        |                                             |        |           |             |              |   |        |          |                       |              |
| Molecular (QPCR-P-500ML)           | PCR-HF183                                                                    |        | PCR-BacR                                    |        | PCR-DG3   |             | Ice          |   |        |          |                       |              |
|                                    | PCR-GULL2                                                                    |        | PCR-GFD                                     |        |           |             |              |   |        |          |                       |              |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                   |        | W-E8321-MS                                  |        |           |             | Ice          |   |        |          |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | 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          |   |        |          |                       |              |

Date of Request: 22-JUN-2021  
Created By: BOMAN\_L On: 22-JUN-2021  
Modified By: WATTS\_J On: 23-JUN-2021  
Customer: CEN-DIST  
Project: SMP  
Division:  
District: Central District  
Event Description: Phelps/Half Mile

**Send Coolers To:**

Phone: 407-897-4181  
FL Dept. of Environmental Protection  
3319 Maguire Blvd., Suite 232  
Orlando, FL 32803-3767  
Attn: Leif Boman  
Cooler Ship EMail: Leif.Boman@FloridaDEP.gov

Priority: 3  
Event Status: R  
Criminal Investigation: NO  
Chemistry Request Reviewed By:  
Biology Request Reviewed By: WATTS\_J On: 23-JUN-2021  
Sampling Kit Required: NO Ship on:  
Sampling Kit Shipped:  
Sampling Kit Packed By:  
Preservatives Needed: NO  
Date to Receive Samples: 22-JUN-2021  
Logged In By: REYNOLDS\_T On: 01-JUL-2021

**Send Final Report To:**

3319 Maguire Blvd., Suite 232  
  
Orlando, FL 32803-3767  
Attn: Matt Bearden  
Report Notification EMail: Matthew.Bearden@FloridaDEP.gov

Comments:

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

Bottle Type: P-250ML-WO-THI      Number of Bottles: 4      Preserved With: ICE  
ECOLI-18QT      Template: DEFAULT      (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems