

# Login Checklist

RQ- 2020-08-24-33

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 8/ 27 /20 @ 11:00

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 0.5                 |                 |                                        |          | 4                                     |               | ✓  |          |    | 9117 6381 2424     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

\*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 °C (above 10.0 °C 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#** \_\_\_\_\_

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: 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/ 27 /20

Event contains NCRs (Y/N)? N

Event ID: Orange River, telegraph creek  
SO-DIST-2020-08-27-01 (SMP)

\_\_\_\_ Date Received: 27-AUG-2020 11:00 \_\_\_\_\_

## Login Checklist

### Login Preservation Equipment

|                            |                      |
|----------------------------|----------------------|
| Infrared Thermometer ID:   | IR TEMP GUN #5       |
| pH Test Strips 0 – 6 Lot # | 213316BV EXP:5-15-21 |
| pH Paper 0 – 3 Lot #       |                      |
| pH Paper 0 – 13 Lot #      | 231019 EXP:11-1-22   |
| Chlorine Test Strips Lot # | 8261 EXP:07-2021     |

### 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:** 8/26/2020  
**Customer:** SO-DIST  
**RQ:** RQ-2020-08-24-33

**Collected By:** Chris Hornuth, Miranda Carroll  
**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:** 1

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

| Site Location                              | Field ID/WIN ID                                                                                |
|--------------------------------------------|------------------------------------------------------------------------------------------------|
| Telegraph Creek Sonde @ Usgs Sonde Station | <br>G3SD0129 |
| Orange River At Boat Ramp                  | <br>G3SD0128 |

RELINQUISHED BY(SIGNATURE):

*Chris Hornuth*

DATE/TIME:

08/26/2020 1000

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: *HK*

Rec'd/Inspected Date: *8.27.20 / 1100*



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
Yes / No

WIN Station Name: Telegraph Creek Sonde @ Usgs Sonde Station

Date: 8/26/2020

WIN/Field ID: G3SD0129

WBID: 3236A

ENR:

Latitude: 26.73056

County: LEE

Org ID: 21FLFTM

Longitude: -81.70167

Receiving Body of Water: Caloosahatchee

RQ- 2020-08-24-33

| Sampling Team Members               |                 | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-------------------------------------|-----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | Chris Hormuth   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | Miranda Carroll | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            |                 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <input type="checkbox"/>            |                 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |

| Sampling Equipment                                   |                                          |
|------------------------------------------------------|------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Carboy          |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Van Dorn        |
| <input type="checkbox"/> Syringe                     | <input checked="" type="checkbox"/> Pole |
| Depth measured with: Secchi                          |                                          |
| Secchi Equipment ID: 3312B                           |                                          |
| Collection Method                                    |                                          |
| <input type="checkbox"/> Wading                      | <input type="checkbox"/> Canoe/Kayak     |
| <input checked="" type="checkbox"/> From Shore       | <input type="checkbox"/> Electric Motor  |
| <input type="checkbox"/> Other                       | <input type="checkbox"/> Gasoline Motor  |

|                                                                                                                                                                                                                                                                 |            |                |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|------------------------|
| Water Level: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> Dry <input type="checkbox"/> Pooled <input type="checkbox"/> Flooded                                                |            | Meter ID# SNEK |                        |
| Photos: No                                                                                                                                                                                                                                                      | Flow: FLOW | Tide: N/A      | Tide Times: High: Low: |
| Biological Samples Collected: <input checked="" type="checkbox"/> None <input type="checkbox"/> HA <input type="checkbox"/> SCI <input type="checkbox"/> RPS <input type="checkbox"/> Algae ID <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |            |                |                        |
| SBIO ID Numbers:                                                                                                                                                                                                                                                |            |                |                        |
| Notes:                                                                                                                                                                                                                                                          |            |                |                        |

## Duplicate Sample

|                      |           |               |              |
|----------------------|-----------|---------------|--------------|
| Time Zone: EST       | Time: N/A | Field ID: N/A | (WIN ID_DUP) |
| WIN DMT Activity ID: |           |               |              |

## Blank

|                |                   |               |                       |
|----------------|-------------------|---------------|-----------------------|
| Time Zone:     | Time: N/A         | Field ID: N/A | (Blank Type_DDMMYYYY) |
| DI Source: N/A | Location: N/A     |               |                       |
| DI Type: N/A   | Equipment ID: N/A |               |                       |

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: (Initials/Date) QC Station ID, Field Parameters in LIMS DMT: (Initials/Date)

Scan/Save Field Sheets (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data in WIN: (Initials/Date)



RQ-2020-08-24-33

Customer: WQAP

Project ID: SMP

Collected By: Chris Hormuth, Miranda Carroll

Field Report Prepared By: Chris Hormuth

Sampling Agency: FDEP

| Place Label Here                                  |              |                                                                                                                                                                                                                                                          |           |            |      | Comments: Microbiology sample(s) submitted to contract laboratory                       |                                         |                             |                       |                |
|---------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------|-----------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------|-----------------------|----------------|
| WIN ID/Field ID:                                  |              |                                                                                                                                                                                                                                                          |           |            |      |                                                                                         |                                         |                             |                       |                |
|                                                   |              | G3SD0129                                                                                                                                                                                                                                                 |           |            |      |                                                                                         |                                         |                             |                       |                |
| Location:                                         |              | Telegraph Creek Sonde @ Usgs Sonde Station                                                                                                                                                                                                               |           |            |      |                                                                                         |                                         |                             |                       |                |
| Matrix: Fresh                                     |              |                                                                                                                                                                                                                                                          |           |            |      | (Check one) <input checked="" type="checkbox"/> GRAB <input type="checkbox"/> COMPOSITE |                                         |                             |                       |                |
| Date                                              | Time         | DO (mg/L)                                                                                                                                                                                                                                                | DO (%SAT) | Temp. (C°) | pH   | Sample Depth (m)                                                                        | Secchi Disk (m)                         | Total Depth (m)             | Sp COND (µmhos/cm)    | Salinity (PPT) |
| 8/26/2020                                         | 08:10<br>EST | 4.05                                                                                                                                                                                                                                                     | 51.9      | 27.7       | 5.78 | 0.3                                                                                     | 0.3<br><input type="checkbox"/> VOB (S) | 0.7                         | 326.6                 | 0.15           |
| Central Lab please use top row for login purposes |              |                                                                                                                                                                                                                                                          |           |            |      |                                                                                         |                                         |                             |                       |                |
|                                                   | EST          |                                                                                                                                                                                                                                                          |           |            |      |                                                                                         |                                         |                             |                       |                |
| Parameter Suite                                   |              | Parameter Methods                                                                                                                                                                                                                                        |           |            |      | Preservation                                                                            |                                         | pH Check                    | # Bottles sent to Lab | Bottle Group   |
| Preserved Nutrients (P-500ML)                     |              | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                                                     |           |            |      | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4*                            |                                         | <input type="checkbox"/> <2 |                       |                |
|                                                   |              | Lot #                                                                                                                                                                                                                                                    |           | Exp:       |      |                                                                                         |                                         |                             |                       |                |
| Metals (P-500ML)                                  |              | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD                                                                                                                                                          |           |            |      | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*                             |                                         | <input type="checkbox"/> <2 |                       |                |
|                                                   |              | Lot #                                                                                                                                                                                                                                                    |           | Exp:       |      |                                                                                         |                                         |                             |                       |                |
| Filtered Nutrients (P125ML)                       |              | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                  |           |            |      | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |
|                                                   |              | Filter Lot #                                                                                                                                                                                                                                             |           |            |      |                                                                                         |                                         |                             |                       |                |
|                                                   |              | Syringe Lot #                                                                                                                                                                                                                                            |           |            |      |                                                                                         |                                         |                             |                       |                |
| Chlorophyll (BP-1L)                               |              | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                      |           |            |      | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |
| Physical/Aggregate (Fresh) (P-1L)                 |              | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                     |           |            |      | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |
| Physical/Aggregate (Marine) (P-1L)                |              | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                  |           |            |      | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |
| Macroinvertebrates (PJ-2L)                        |              | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                      |           |            |      | <input type="checkbox"/> Formalin                                                       |                                         |                             |                       |                |
| Periphyton (PT-50ML)                              |              | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                        |           |            |      | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |
| Microbiology (Contract Lab Bottle)                |              | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci<br><input checked="" type="checkbox"/> Contract Lab                                                                                      |           |            |      | <input checked="" type="checkbox"/> Ice                                                 |                                         |                             | 1                     | A              |
| Molecular (QPCR-P-500ML)                          |              | <input checked="" type="checkbox"/> PCR-HF183 <input checked="" type="checkbox"/> PCR-BacR <input checked="" type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/>                   |           |            |      | <input checked="" type="checkbox"/> Ice                                                 |                                         |                             | 1                     | A              |
| Tracers (BG-500ML)                                |              | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS                                                                                                                                                            |           |            |      | <input checked="" type="checkbox"/> Ice                                                 |                                         |                             | 1                     | D              |
| Pesticides (BG-500ML) (BG-1L)                     |              | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution) |           |            |      | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |
|                                                   |              |                                                                                                                                                                                                                                                          |           |            |      | <input type="checkbox"/> Ice                                                            |                                         |                             |                       |                |
| Name:<br>Chris Hormuth<br>Miranda Carroll         |              |                                                                                                                                                                                                                                                          |           | Signature: |      |                                                                                         |                                         | Date:                       |                       |                |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
Yes / No

WIN Station Name: Orange River At Boat Ramp

Date: 8/26/2020

WIN/Field ID: G3SD0128

WBID: 3240K

ENR:

Latitude: 26.69287

County: LEE

Org ID: 21FLFTM

Longitude: -81.76737

Receiving Body of Water: Caloosahatchee

RQ- 2020-08-24-33

| Sampling Team Members               |                 | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-------------------------------------|-----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | Chris Hormuth   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |                                     |                                     |                                     |
| <input checked="" type="checkbox"/> | Miranda Carroll |                                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            |                 |                                     |                                     |                                     |                                     |                                     |
| <input type="checkbox"/>            |                 |                                     |                                     |                                     |                                     |                                     |

| Sampling Equipment                                   |                                         |
|------------------------------------------------------|-----------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Carboy         |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Van Dorn       |
| <input type="checkbox"/> Syringe                     | <input type="checkbox"/> Pole           |
| Depth measured with: Secchi                          |                                         |
| Secchi Equipment ID: 3312B                           |                                         |
| Collection Method                                    |                                         |
| <input type="checkbox"/> Wading                      | <input type="checkbox"/> Canoe/Kayak    |
| <input checked="" type="checkbox"/> From Shore       | <input type="checkbox"/> Electric Motor |
| <input type="checkbox"/> Other                       | <input type="checkbox"/> Gasoline Motor |

|                                                                                                                                                                                                                                                                 |            |                |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|------------------------|
| Water Level: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Low <input type="checkbox"/> High <input type="checkbox"/> Dry <input type="checkbox"/> Pooled <input type="checkbox"/> Flooded                                                |            | Meter ID# SNEK |                        |
| Photos: NO                                                                                                                                                                                                                                                      | Flow: FLOW | Tide: N/A      | Tide Times: High: Low: |
| Biological Samples Collected: <input checked="" type="checkbox"/> None <input type="checkbox"/> HA <input type="checkbox"/> SCI <input type="checkbox"/> RPS <input type="checkbox"/> Algae ID <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |            |                |                        |
| SBIO ID Numbers:                                                                                                                                                                                                                                                |            |                |                        |
| Notes:                                                                                                                                                                                                                                                          |            |                |                        |

## Duplicate Sample

|                      |           |               |              |
|----------------------|-----------|---------------|--------------|
| Time Zone: EST       | Time: N/A | Field ID: N/A | (WIN ID_DUP) |
| WIN DMT Activity ID: |           |               |              |

## Blank

|                |                   |               |                       |
|----------------|-------------------|---------------|-----------------------|
| Time Zone:     | Time: N/A         | Field ID: N/A | (Blank Type_DDMMYYYY) |
| DI Source: N/A | Location: N/A     |               |                       |
| DI Type: N/A   | Equipment ID: N/A |               |                       |

LIMS EVENT ID: WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets Migrate Data to WIN: Verify Data In WIN:



RQ-2020-08-24-33

Customer: WQAP

Project ID: SMP

Collected By: Chris Hormuth, Miranda Carroll

Field Report Prepared By: Chris Hormuth

Sampling Agency: FDEP

| Place Label Here                                  |              |                                                                                                                                                                                                                                                          |           |            |      | Comments: Microbiology sample(s) submitted to contract laboratory                       |                                                  |                             |                       |                 |
|---------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------|-----------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------|-----------------------|-----------------|
| WIN ID/Field ID:                                  |              |                                                                                                                                                                                                                                                          |           |            |      |                                                                                         |                                                  |                             |                       |                 |
|                                                   |              | G3SD0128                                                                                                                                                                                                                                                 |           |            |      |                                                                                         |                                                  |                             |                       |                 |
| Location:                                         |              | Orange River At Boat Ramp                                                                                                                                                                                                                                |           |            |      |                                                                                         |                                                  |                             |                       |                 |
| Matrix: Fresh                                     |              |                                                                                                                                                                                                                                                          |           |            |      | (Check one) <input checked="" type="checkbox"/> GRAB <input type="checkbox"/> COMPOSITE |                                                  |                             |                       |                 |
| Date                                              | Time         | DO (mg/L)                                                                                                                                                                                                                                                | DO (%SAT) | Temp. (C°) | pH   | Sample Depth (m)                                                                        | Secchi Disk (m)                                  | Total Depth (m)             | Sp COND (µmhos/cm)    | Salinity (PPTH) |
| 8/26/2020                                         | 08:45<br>EST | 5.1                                                                                                                                                                                                                                                      | 67.4      | 29.6       | 6.6  | 0.3                                                                                     | 1<br><input checked="" type="checkbox"/> VOB (S) | 1                           | 611                   | 0.29            |
| Central Lab please use top row for login purposes |              |                                                                                                                                                                                                                                                          |           |            |      |                                                                                         |                                                  |                             |                       |                 |
|                                                   | EST          |                                                                                                                                                                                                                                                          |           |            |      |                                                                                         |                                                  |                             |                       |                 |
| Parameter Suite                                   |              | Parameter Methods                                                                                                                                                                                                                                        |           |            |      | Preservation                                                                            |                                                  | pH Check                    | # Bottles sent to Lab | Bottle Group    |
| Preserved Nutrients (P-500ML)                     |              | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                                                                                     |           |            |      | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4*                            |                                                  | <input type="checkbox"/> <2 |                       |                 |
|                                                   |              | Lot #                                                                                                                                                                                                                                                    |           |            | Exp: |                                                                                         |                                                  |                             |                       |                 |
| Metals (P-500ML)                                  |              | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD                                                                                                                                                          |           |            |      | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3*                             |                                                  | <input type="checkbox"/> <2 |                       |                 |
|                                                   |              | Lot #                                                                                                                                                                                                                                                    |           |            | Exp: |                                                                                         |                                                  |                             |                       |                 |
| Filtered Nutrients (P125ML)                       |              | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                  |           |            |      | <input type="checkbox"/> Ice                                                            |                                                  |                             |                       |                 |
|                                                   |              | Filter Lot #                                                                                                                                                                                                                                             |           |            |      |                                                                                         |                                                  |                             |                       |                 |
|                                                   |              | Syringe Lot #                                                                                                                                                                                                                                            |           |            |      |                                                                                         |                                                  |                             |                       |                 |
| Chlorophyll (BP-1L)                               |              | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                      |           |            |      | <input type="checkbox"/> Ice                                                            |                                                  |                             |                       |                 |
| Physical/Aggregate (Fresh) (P-1L)                 |              | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                     |           |            |      | <input type="checkbox"/> Ice                                                            |                                                  |                             |                       |                 |
| Physical/Aggregate (Marine) (P-1L)                |              | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                  |           |            |      | <input type="checkbox"/> Ice                                                            |                                                  |                             |                       |                 |
| Macroinvertebrates (PJ-2L)                        |              | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                      |           |            |      | <input type="checkbox"/> Formalin                                                       |                                                  |                             |                       |                 |
| Periphyton (PT-50ML)                              |              | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                        |           |            |      | <input type="checkbox"/> Ice                                                            |                                                  |                             |                       |                 |
| Microbiology (Contract Lab Bottle)                |              | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci<br><input checked="" type="checkbox"/> Contract Lab                                                                                      |           |            |      | <input checked="" type="checkbox"/> Ice                                                 |                                                  |                             | 1                     | A               |
| Molecular (QPCR-P-500ML)                          |              | <input checked="" type="checkbox"/> PCR-HF183 <input checked="" type="checkbox"/> PCR-BacR <input checked="" type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/>                   |           |            |      | <input checked="" type="checkbox"/> Ice                                                 |                                                  |                             | 1                     | A               |
| Tracers (BG-500ML)                                |              | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS                                                                                                                                                            |           |            |      | <input checked="" type="checkbox"/> Ice                                                 |                                                  |                             | 1                     | A               |
| Pesticides (BG-500ML) (BG-1L)                     |              | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution) |           |            |      | <input type="checkbox"/> Ice                                                            |                                                  |                             |                       |                 |
|                                                   |              |                                                                                                                                                                                                                                                          |           |            |      | <input type="checkbox"/> Ice                                                            |                                                  |                             |                       |                 |
| Name:<br>Chris Hormuth<br>Miranda Carroll         |              |                                                                                                                                                                                                                                                          |           | Signature: |      |                                                                                         |                                                  | Date:                       |                       |                 |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution

Date of Request: 10-AUG-2020  
 Created By: SNOREK\_G On: 10-AUG-2020  
 Modified By: JASROTIA\_P On: 12-AUG-2020  
 Customer: SO-DIST  
 Project: SMP  
 Division:  
 District: South District  
 Event Description: Orange River, telegraph creek

**Send Coolers To:**

Phone: 239-344-5718  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: Gary Snorek  
 Cooler Ship EMail: Gary.Snorek@dep.state.fl.us

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 11-AUG-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 12-AUG-2020  
 Sampling Kit Required: YES Ship on: 14-AUG-2020  
 Sampling Kit Shipped: YES On: 13-AUG-2020  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 24-AUG-2020  
 Logged In By:

**Send Final Report To:**

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

**Comments:**

Group A: markers, tracers, E. Coli X2

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

|                             |                      |                                                                                                                                               |
|-----------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 2 | Preserved With: ICE                                                                                                                           |
| PCR-BACR                    | Template: DEFAULT    | (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction |
| PCR-DG3                     | Template: DEFAULT    | (SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction      |
| PCR-HF183                   | Template: DEFAULT    | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction     |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                                                           |
| SD-SND-ECQ                  | Template: DEFAULT    | (Colilert-18) E. coli by Colilert-18/QT by Sanders in Fort Myers                                                                              |
| Bottle Type: BG-500ML       | Number of Bottles: 2 | 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                                                       |

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