

# Login Checklist

RQ- 2021-06-07-29

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 6/ 17 /21 @ 9:20

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 1.4                 |                 |                                        |          | 10                                    |               | ✓  |          |    | 9293 8013 7937     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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: KK

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 < 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: 6/ 17 /21

Event contains NCRs (Y/N)? N

EventID: Palm Coast

NE-DIST-2021-06-17-02 (SMP)

Date Received: 17-JUN-2021 09:20

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

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

### 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:** 6/16/2021  
**Customer:** NE-DIST  
**RQ:** RQ-2021-06-07-29

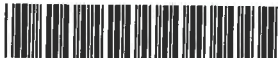
**Collected By:** Kimberly Appleby, Kelly McDonald  
**Sampling Agency:** FDEP  
**Project ID:** SMP

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

**Number of Coolers Shipped:** 1

**Delivery Method:** FedEx

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

| Site Location                             | Field ID/WIN ID                                                                                  |
|-------------------------------------------|--------------------------------------------------------------------------------------------------|
| BULL CREEK DITCH downstream of East ditch | <br>G2NE1212   |
| BULL CREEK DITCHES at farm entrance       | <br>G2NE1214   |
| Bull Creek East ditch at Water Oak        | <br>G2NE1213 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 6/16/2021  
1600EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: *hik*

Rec'd/Inspected Date: *6.17.21/0920*

# CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: Pro DSS Bruce RQ: 2021-06-07-21 Project: SMP Palm Coast

- Notes: (1) Always wait for meter to stabilize before recording any readings.  
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).  
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 5/17/21

| DO<br>DEP SOP<br>FT 1500 | Name        | Date    | Time<br>CT-ET | Temp<br>°C | Baro-<br>meter<br>mmHg | D.O.<br>Chart<br>mg/L | Meter<br>D.O.<br>mg/L | % DO  | Probe<br>Charge | Probe<br>Gain | Pass<br>/ Fail | Lab<br>/ Field |
|--------------------------|-------------|---------|---------------|------------|------------------------|-----------------------|-----------------------|-------|-----------------|---------------|----------------|----------------|
| Calibr.                  | Kim Appleby | 6/16/21 | 749           | 22.4       | 759.7                  | 8.7                   | 8.7                   | 99.9  | -               | 1.035         | P/F            | L/F            |
| ICV                      |             |         | 751           | 22.1       | 759.7                  | 8.7                   | 8.69                  | 100.0 | -               | 1.035         | P/F            | L/F            |
| CCV                      | K. McDonald |         | 1409          | 24.9       | 759.6                  | 8.3                   | 8.24                  | 99.7  | -               | 1.035         | P/F            | L/F            |
| CCV                      |             |         |               |            |                        |                       |                       |       |                 |               | P/F            | L/F            |

DO Acceptance criteria from Table  $\pm 0.3$  mg/L. Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.  
 Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

| Spec.<br>Cond.<br>FT 1200 | Name        | Date    | Time<br>CT-ET | Lot #   | Expir.<br>Date | Standard<br>$\mu$ mhos/cm | Meter<br>Reading<br>$\mu$ mhos/cm | Pass<br>/ Fail | Lab<br>/ Field |
|---------------------------|-------------|---------|---------------|---------|----------------|---------------------------|-----------------------------------|----------------|----------------|
| Calibr.                   | Kim Appleby | 6/16/21 | 752           | 201222B | 1/2022         | 1000                      | 1000                              | P/F            | L/F            |
| ICV                       |             |         | 756           | 201222A | 1/2022         | 100                       | 104.1                             | P/F            | L/F            |
| CCV                       | K. McDonald |         | 1410          | 2104260 | 05/22          | 201000                    | 20015                             | P/F            | L/F            |
| CCV                       |             |         |               |         |                |                           |                                   | P/F            | L/F            |

Conductivity Acceptance criteria  $\pm 5\%$

| pH<br>DEP SOP<br>FT 1100 | Name        | Date    | Time<br>CT-ET | Lot #   | Expir.<br>Date | pH<br>Buffer<br>SU | Temp<br>°C | Meter<br>reading<br>SU | mV     | Pass<br>/ Fail | Lab<br>/ Field |
|--------------------------|-------------|---------|---------------|---------|----------------|--------------------|------------|------------------------|--------|----------------|----------------|
| Calibr.                  | Kim Appleby | 6/16/21 | 806           | 2012E39 | 12/22          | 7.00               | 22.0       | 7.00                   | -37.3  | P/F            | L/F            |
| Calibr.                  |             |         | 807           | 2103G59 | 3/23           | 4.00               | 21.9       | 4.00                   | 137.9  | P/F            | L/F            |
| Calibr.                  |             |         | 809           | 2103F53 | 9/22           | 10.00              | 22.2       | 10.00                  | -201.7 | P/F            | L/F            |
| ICV                      |             |         | 811           | 2103G59 | 3/23           | 4.00               | 22.0       | 3.97                   | 170.5  | P/F            | L/F            |
| CCV                      | K. McDonald |         | 1412          | 2103F53 | 9/22           | 10.02              | 22.9       | 10.06                  | -206.8 | P/F            | L/F            |
| CCV                      |             |         |               |         |                |                    |            |                        |        | P/F            | L/F            |

pH Acceptance criteria  $\pm 0.2$  SU; mV pH 7 Range  $0 \pm 50$ ; mV pH 4 Range  $+180 \pm 50$ ; mV pH 10 Range  $-180 \pm 50$ ;  
 If mV are recorded: slope from 7 to 10 \_\_\_\_\_, slope from 4 to 7 \_\_\_\_\_ (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)  
 If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 5/17/21

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: \_\_\_\_\_; Date of last verification: \_\_\_\_\_

| Depth Sensor<br>(Daily Calibration &<br>ICV) | Name        | Date    | Time<br>CT-ET | Calibrated<br>Value (0.00 or<br>Offset), meters | ICV Value,<br>meters | Pass /<br>Fail | Lab /<br>Field |
|----------------------------------------------|-------------|---------|---------------|-------------------------------------------------|----------------------|----------------|----------------|
| Pressure mode in air                         | Kim Appleby | 6/16/21 | 811           | 0.00                                            | 0.00                 | P/F            | L/F            |

Report two decimal places. Round numbers  $\leq 4$  down,  $\geq 5$  up. ICV acceptance criteria  $\pm 5\%$  or  $\pm 0.05$ m, whichever is greater.

COMMENTS:



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
☒ Yes / ☐ No

WIN Station Name: BULL CREEK DITCH downstream of East ditch

Date: 6/16/2021

WIN/Field ID: G2NE1212

WBID: 2615

ENR: -

Latitude: 29.4439

County: FLAGLER

Org ID: 21FLA

Longitude: -81.43

Receiving Body of Water: Lower St. Johns

RQ: 2021-06-07-29

| Sampling Team Members               |                  | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-------------------------------------|------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | Kimberly Appleby | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <input checked="" type="checkbox"/> | Kelly McDonald   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input 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: Meter                           |                                          |
| Secchi Equipment ID:                                 |                                          |
| 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 type="checkbox"/> Normal <input type="checkbox"/> Low <input checked="" type="checkbox"/> High <input type="checkbox"/> Dry <input type="checkbox"/> Pooled <input type="checkbox"/> Flooded                                                |            | Meter ID# BRUCE |                        |
| Photos: No                                                                                                                                                                                                                                                      | Flow: FLOW | Tide:           | 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:<br>CODE R FOR RECENT RAIN. 2.1 INCHES IN PAST 48HRS. WATER IS MORE TURBID THEN USUAL. WEATHER: OVERCAST, 80s.                                                                                                                                            |            |                 |                        |

## Duplicate Sample

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

## Blank

|                         |                    |           |                      |
|-------------------------|--------------------|-----------|----------------------|
| Time Zone:              | Time:              | Field ID: | (Blank Type_DDMYYYY) |
| DI Source:              | Location:          |           |                      |
| DI Type:                | Equipment ID:      |           |                      |
| DI Container (Name/ID): | DI Container Type: |           |                      |

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-2021-06-07-29

Customer: WQAP

Project ID: SMP

Collected By: Kimberly Appleby, Kelly McDonald

Field Report Prepared By: Kimberly Appleby

Sampling Agency: FDEP

| Place Label Here<br><b>WIN ID/Field ID:</b><br><b>G2NE1212</b><br><b>Location:</b> BULL CREEK DITCH downstream of East ditch |          |                                                                                                                                                                                                                                                              |           |            |      | Comments: Microbiology sample(s) submitted to contract laboratory                       |                                                      |                       |                        |                 |
|------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------|-----------------------------------------------------------------------------------------|------------------------------------------------------|-----------------------|------------------------|-----------------|
| <b>Matrix:</b> 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) |
| 6/16/2021                                                                                                                    | 1015 EST | 4.69                                                                                                                                                                                                                                                         | 57.1      | 25.1       | 7.04 | 0.3                                                                                     | 0.902<br><input checked="" type="checkbox"/> VOB (S) | 0.902                 | 2126                   | 1.09            |
|                                                                                                                              | EST      |                                                                                                                                                                                                                                                              |           |            |      |                                                                                         | Central Lab please use top row for login purposes    |                       |                        |                 |
| Parameter Suite                                                                                                              |          | Parameter Methods                                                                                                                                                                                                                                            |           |            |      | Preservation                                                                            | pH Check                                             | # Bottles sent to Lab | Bottle Group           |                 |
| <b>Preserved Nutrients (P-500ML)</b>                                                                                         |          | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-5-A-TP                                                                                                                                                                                         |           |            |      | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4*                            | <input type="checkbox"/> <2                          |                       |                        |                 |
|                                                                                                                              |          | <b>Lot #</b>                                                                                                                                                                                                                                                 |           |            |      | <b>Exp:</b>                                                                             |                                                      |                       |                        |                 |
| <b>Metals (P-500ML)</b>                                                                                                      |          | <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                          |                       |                        |                 |
|                                                                                                                              |          | <b>Lot #</b>                                                                                                                                                                                                                                                 |           |            |      | <b>Exp:</b>                                                                             |                                                      |                       |                        |                 |
| <b>Filtered Nutrients (P125ML)</b>                                                                                           |          | <input type="checkbox"/> W-PO4-F <input type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                      |           |            |      | <input type="checkbox"/> Ice                                                            |                                                      |                       |                        |                 |
|                                                                                                                              |          | <b>Filter Lot #</b>                                                                                                                                                                                                                                          |           |            |      |                                                                                         |                                                      |                       |                        |                 |
|                                                                                                                              |          | <b>Syringe Lot #</b>                                                                                                                                                                                                                                         |           |            |      |                                                                                         |                                                      |                       |                        |                 |
| <b>Chlorophyll (BP-1L)</b>                                                                                                   |          | <input type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                          |           |            |      | <input type="checkbox"/> Ice                                                            |                                                      |                       |                        |                 |
| <b>Physical/Aggregate (Fresh) (P-1L)</b>                                                                                     |          | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                         |           |            |      | <input type="checkbox"/> Ice                                                            |                                                      |                       |                        |                 |
| <b>Physical/Aggregate (Marine) (P-1L)</b>                                                                                    |          | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                      |           |            |      | <input type="checkbox"/> Ice                                                            |                                                      |                       |                        |                 |
| <b>Macroinvertebrates (PJ-2L)</b>                                                                                            |          | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                          |           |            |      | <input type="checkbox"/> Formalin                                                       |                                                      |                       |                        |                 |
| <b>Periphyton (PT-50ML)</b>                                                                                                  |          | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                            |           |            |      | <input type="checkbox"/> Ice                                                            |                                                      |                       |                        |                 |
| <b>Microbiology (Contract Lab Bottle)</b>                                                                                    |          | <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                      |                 |
| <b>Molecular (QPCR-P-500ML)</b>                                                                                              |          | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/>                                                        |           |            |      | <input type="checkbox"/> Ice                                                            |                                                      |                       |                        |                 |
| <b>Tracers (BG-500ML)</b>                                                                                                    |          | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                      |           |            |      | <input type="checkbox"/> Ice                                                            |                                                      |                       |                        |                 |
| <b>Pesticides (BG-500ML) (BG-1L)</b>                                                                                         |          | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> WE8321-MS <input checked="" type="checkbox"/> W-PSNP-TQ <input checked="" type="checkbox"/> W-CT-CL-R<br>W-PCL-TQ-R W-CAR8-AA (5 ml of MCAA** Buffer Solution) W-DIELDRIN |           |            |      | <input checked="" type="checkbox"/> Ice                                                 |                                                      | 10                    | A                      |                 |
| <b>Phytoplankton/Periphyton</b>                                                                                              |          | DTM-QL-C PEN-QL-C DTY-QN-C PKD-QN-BV<br>DTM-QN-C PRN-QN-C                                                                                                                                                                                                    |           |            |      | <input type="checkbox"/> Ice                                                            |                                                      |                       |                        |                 |
| <b>Name:</b> Kimberly Appleby<br>Kelly McDonald                                                                              |          |                                                                                                                                                                                                                                                              |           |            |      | <b>Signature:</b>                                                                       |                                                      |                       | <b>Date:</b> 6/16/2021 |                 |

\*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: BULL CREEK DITCHES at farm entrance

Date: 6/16/2021

WIN/Field ID: G2NE1214

WBID: 2615

ENR: -

Latitude: 29.454

County: FLAGLER

Org ID: 21FLA

Longitude: -81.43

Receiving Body of Water: Lower St. Johns

RQ- 2021-06-07-29

| Sampling Team Members               |                  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|------------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Kimberly Appleby | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Kelly McDonald   |                 | x                 |               | x            | x                  |
| <input type="checkbox"/>            |                  |                 |                   |               |              |                    |
| <input type="checkbox"/>            |                  |                 |                   |               |              |                    |

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

|                                                                                                                                                                                                                                                                 |            |                 |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|------------------------|
| Water Level: <input type="checkbox"/> Normal <input type="checkbox"/> Low <input checked="" type="checkbox"/> High <input type="checkbox"/> Dry <input type="checkbox"/> Pooled <input type="checkbox"/> Flooded                                                |            | Meter ID# BRUCE |                        |
| Photos: No                                                                                                                                                                                                                                                      | Flow: FLOW | Tide:           | 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:<br>CODE R FOR RECENT RAIN. 2.07 INCHES IN PAST 48 HRS. MORE TURBID THEN USUAL. WEATHER: OVERCAST, 80S.                                                                                                                                                   |            |                 |                        |

## Duplicate Sample

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

## Blank

|                         |                    |           |                      |
|-------------------------|--------------------|-----------|----------------------|
| Time Zone:              | Time:              | Field ID: | (Blank Type_DDMYYYY) |
| DI Source:              | Location:          |           |                      |
| DI Type:                | Equipment ID:      |           |                      |
| DI Container (Name/ID): | DI Container Type: |           |                      |

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-2021-06-07-29

Customer: WQAP

Project ID: SMP

Collected By: Kimberly Appleby, Kelly McDonald

Field Report Prepared By: Kimberly Appleby

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G2NE1214

Location: BULL CREEK DITCHES at farm entrance

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Fresh

(Check one)

☒ GRAB☐ 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) |
|-----------|-------------|-----------|-----------|------------|------|------------------|-----------------------------------------------------|-----------------|--------------------|-----------------|
| 6/16/2021 | 1050<br>EST | 4.88      | 59.7      | 25.2       | 7.11 | 0.25             | 0.52<br><input checked="" type="checkbox"/> VOB (S) | 0.52            | 2158               | 1.1             |
|           | EST         |           |           |            |      |                  | 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)      | <input type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # _____ Exp: _____                                                                               | <input type="checkbox"/> Ice <input type="checkbox"/> H2SO4* <input type="checkbox"/> <2 |          |                       |              |
| Metals (P-500ML)                   | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD<br>Lot # _____ Exp: _____                                                    | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3* <input type="checkbox"/> <2  |          |                       |              |
| Filtered Nutrients (P125ML)        | <input type="checkbox"/> W-P04-F <input type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # _____<br>Syringe Lot # _____                                         | <input type="checkbox"/> Ice                                                             |          |                       |              |
| 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-CL-IC / W-COLOR / W-S04-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                     | B            |
| Molecular (QPCR-P-500ML)           | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD | <input type="checkbox"/> Ice                                                             |          |                       |              |
| Tracers (BG-500ML)                 | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                      | <input type="checkbox"/> Ice                                                             |          |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI W-E8321-MS W-PSNP-TQ W-CT-CL-R<br>W-PCL-TQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-DIELDIN                                                                 | <input type="checkbox"/> Ice                                                             |          |                       |              |
| Phytoplankton/Periphyton           | DTM-QL-C PRN-QN-C PKD-QN-BV PKD-QN-C                                                                                                                                         | <input type="checkbox"/> Ice                                                             |          |                       |              |

Name:  
Kimberly Appleby  
Kelly McDonald

Signature:

Kelly A. McDonald

Date:

6/16/2021

\*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: Bull Creek East ditch at Water Oak

Date: 6/16/2021

WIN/Field ID: G2NE1213

WBID: 2615

ENR: -

Latitude: 29.4449

County: FLAGLER

Org ID: 21FLA

Longitude: -81.43

Receiving Body of Water: Lower St. Johns

RQ: 2021-06-07-29

| Sampling Team Members               |                  | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-------------------------------------|------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | Kimberly Appleby | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | Kelly McDonald   | <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 checked="" type="checkbox"/> Van Dorn He-man |
| <input type="checkbox"/> Syringe                     | <input type="checkbox"/> Pole                       |
| Depth measured with: Meter                           |                                                     |
| Secchi Equipment ID:                                 |                                                     |
| Collection Method                                    |                                                     |
| <input type="checkbox"/> Wading                      | <input type="checkbox"/> Canoe/Kayak                |
| <input type="checkbox"/> From Shore                  | <input type="checkbox"/> Electric Motor             |
| <input checked="" type="checkbox"/> Other Bridge     | <input type="checkbox"/> Gasoline Motor             |

Water Level: ☐ Normal ☐ Low ☒ High ☐ Dry ☐ Pooled ☐ Flooded

Meter ID# BRUCE

Photos: No

Flow: FLOW

Tide:

Tide Times:

High: Low:

Biological Samples Collected: ☒ None ☐ HA ☐ SCI ☐ RPS ☐ Algae ID ☐ LVS ☐ LVI Other:

SBIO ID Numbers:

## Notes:

CODE R FOR RECENT RAIN. 2.2 INCHES IN PAST 48 HRS. MORE TURBID THEN USUAL. WEATHER: OVERCAST, 80s. A COUPLE OF DEAD FISH IN WATER AT SAMPLE LOCATION.

## Duplicate Sample

Time Zone: EST Time: Field ID: N/A (WIN ID\_DUP)

WIN DMT Activity ID:

## Blank

Time Zone: Time: Field ID: (Blank Type\_DDMMYYYY)

DI Source: Location:

DI Type: Equipment ID:

DI Container (Name/ID): DI Container Type:

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-2021-06-07-29

Customer: WQAP

Project ID: SMP

Collected By: Kimberly Appleby, Kelly McDonald

Field Report Prepared By: Kimberly Appleby

Sampling Agency: FDEP

| Place Label Here                                                                                               |          |                                                                                                                                                                     |           |                                            |           |                                                                                                 | Comments: Microbiology sample(s) submitted to contract laboratory                       |                             |                       |                |
|----------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------|-----------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------|-----------------------|----------------|
| WIN ID/Field ID: <br>G2NE1213 |          |                                                                                                                                                                     |           |                                            |           |                                                                                                 |                                                                                         |                             |                       |                |
| Location: Bull Creek East ditch at Water Oak                                                                   |          |                                                                                                                                                                     |           |                                            |           |                                                                                                 |                                                                                         |                             |                       |                |
| 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) |
| 6/16/2021                                                                                                      | 1100 EST | 4.69                                                                                                                                                                | 56.6      | 24.7                                       | 7.08      | 0.1                                                                                             | 0.21<br><input checked="" type="checkbox"/> VOB (S)                                     | 0.21                        | 1536                  | 0.77           |
|                                                                                                                |          |                                                                                                                                                                     |           |                                            |           |                                                                                                 | 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-Cl-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 type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-DG3                                                               |           |                                            |           | <input type="checkbox"/> Ice                                                                    |                                                                                         |                             |                       |                |
|                                                                                                                |          | <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/>                                                                        |           |                                            |           |                                                                                                 |                                                                                         |                             |                       |                |
| Tracers (BG-500ML)                                                                                             |          | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                             |           |                                            |           | <input type="checkbox"/> Ice                                                                    |                                                                                         |                             |                       |                |
| Pesticides (BG-500ML) (BG-1L)                                                                                  |          | W-E8321-DI                                                                                                                                                          |           | W-E8321-MS                                 | W-PSNP-TQ | W-CT-CL-R                                                                                       | <input type="checkbox"/> Ice                                                            |                             |                       |                |
|                                                                                                                |          | W-PCL-TQ-R                                                                                                                                                          |           | W-CARB-AA (5 ml of MCAA** Buffer Solution) |           | W-DIELDRLIN                                                                                     |                                                                                         |                             |                       |                |
| Phytoplankton/Periphyton                                                                                       |          | DTM-QL-C                                                                                                                                                            |           | PEN-QL-C                                   | DTY-QN-C  | PKD-QN-C                                                                                        | <input type="checkbox"/> Ice                                                            |                             |                       |                |
|                                                                                                                |          | DTM-QN-C                                                                                                                                                            |           | PRN-QN-C                                   | PKD-QN-BV |                                                                                                 |                                                                                         |                             |                       |                |
| Name: Kimberly Appleby<br>Kelly McDonald                                                                       |          |                                                                                                                                                                     |           |                                            |           | Signature:  |                                                                                         |                             | Date: 6/16/2021       |                |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution

## CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 / PH (904) 739-2277 / FAX (904) 739-2011

Page 1 of 1

SR #

**ALS Contact:** Mandy Sullivan

[illegible]

Date of Request: 05-MAY-2021  
 Created By: PARRISH\_J On: 05-MAY-2021  
 Modified By: JASROTIA\_P On: 06-MAY-2021  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Event Description: Palm Coast

**Send Coolers To:**

Phone: 904-256-1700  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish  
 Cooler Ship EMail: Jeremy.M.Parrish@dep.state.fl.us

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 05-MAY-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 06-MAY-2021  
 Sampling Kit Required: YES Ship on: 28-MAY-2021  
 Sampling Kit Shipped: YES On: 24-MAY-2021  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 07-JUN-2021  
 Logged In By:

**Send Final Report To:**

8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish  
 Report Notification EMail: Jeremy.M.Parrish@dep.state.fl.us

Comments: Group A: (Surf-fresh) Pesticides, Bacteria  
 Group B:(Surf.fresh)Bacteria  
 NE-ALS-ECQ  
 Packing Notes:

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

|                             |                      |                                                                                                   |
|-----------------------------|----------------------|---------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                               |
| NE-ALS-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                             |
| 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-TQ-R                  | Template: DEFAULT    | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS      |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: ICE                                                                               |
| W-E8321-DI                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS           |
| W-E8321-MS                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS           |
| Bottle Type: BG-1L          | Number of Bottles: 4 | Preserved With: ICE                                                                               |
| W-PSNP-TQ                   | Template: DEFAULT    | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS                |

**Bottle Group B (Water) With 5 Samples:**

|                             |                      |                                                                       |
|-----------------------------|----------------------|-----------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 5 | Preserved With: ICE                                                   |
| NE-ALS-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville |

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

Cooler Packing Worksheet for Request: RQ-2021-06-07-29

Palm Coast

Ship Cooler On: 5/28/2021

Customer/Project: NE-DIST/SMP

Assigned To: REYNOLDS\_T

Requester: Jeremy M. Parrish

Priority: 3

904-256-1700  
8800 Baymeadows Way West  
Suite 100  
Jacksonville, FL 32256  
Attn: Jeremy Parrish

Please return  
packing list with  
sample submittal  
forms.

Comments:

No preservatives needed.

Group A: (Surf-fresh) Pesticides, Bacteria

Group B: (Surf.fresh) Bacteria

NE-ALS-ECQ

Packing Notes:

Requested Analyses:

**Bottle Group: A**

**# of Sites: 1**

Container ID: P-250ML-WI-THI

Qty: 1

Preservation: ICE

Lot # L20276

Description: 250 ml Sterilized with tablet

Analysis

NE-ALS-ECQ

Description

E. coli by Colilert/QT by ALS in Jacksonville

Container ID: BG-500ML

Qty: 1

Preservation: CH2CICOOH Pre-Preserved

Lot # 00080039

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 # 00080039

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CT-CI-R

W-PCL-TQ-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/MS

Container ID: BG-500ML

Qty: 1 Preservation: ICE

Lot # 00080839

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 # 00079237

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: B

# of Sites: 5

Container ID: P-250ML-WI-THI

Qty: 5 Preservation: ICE

Lot # 120276

Description: 250 ml Sterilized with tablet

Analysis

NE-ALS-ECQ

Description

E. coli by Colilert/QT by ALS in Jacksonville

Cooler Packed By: Tyler N

Number of Coolers: 2

Date: 05/21/2021

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 _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |

**PLEASE RETURN ALL COOLERS FOR RQ-2021-06-07-29**