

RQ-2021-02-08-31

## Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2/11/2021 12:30

| *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 |                    |
| 0.3<br>2.9          |                 |                                        |          | 47                                    |               | ✓  |          |    | 92938009 9152      |
|                     |                 |                                        |          |                                       |               | ✓  |          |    | 92938009 9141      |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

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

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

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No ☐

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No ☐

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes ☐ No ☐ NA ☒Evidence Tape intact? Yes ☐ No ☐

If Criminal, photographs taken?

Yes ☐ No ☐Containers intact? Yes ☒ No ☐

Caps on tight?

Yes ☒ No ☐

Sufficient Sample Volume:

Yes ☒ No ☐If NO is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# \_\_\_\_\_

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ☒ No ☐ Init: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☒ Init: IM

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

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

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

Yes ☒ No ☐ NA ☐ Init: IM

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

Yes ☐ No ☐ NA ☒ Init: IM

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

Coolers Unpacked/Checked by: IM

Date: 2/11/2021

Event contains NCRs (Y/N)? ☒Event ID: ICW Boat and Arlington  
NE-DIST-2021-02-11-01 (SMP)

Date Received: 11-FEB-2021 12:30

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #2 exp:10/28/21 |
| pH Test Strips 0 – 6     |                             |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | 231019 exp: 11/1/22         |
| Chlorine Test Strips     | 0261 exp: 05/2023           |

### ENCORE SAMPLES

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

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

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

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

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

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

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

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

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 2/10/2021 **Collected By:** Jeremy Parrish, Kelly McDonald  
**Customer:** NE-DIST **Sampling Agency:** FDEP  
**RQ:** RQ-2021-02-08-31 **Project ID:** SMP

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

**Number of Coolers Shipped:** 2

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

| Site Location                           | Field ID/WIN ID                                                                                   |
|-----------------------------------------|---------------------------------------------------------------------------------------------------|
| Little Pottsburg Creek At Atlantic Blvd | <br>20030679    |
| FB                                      | <br>FB_02102021 |
| Arlington River at Carlton oaks         | <br>G2NE1152  |

RELINQUISHED BY(SIGNATURE): *Kelly A McDonald*

DATE/TIME: 2/10/2021 1600

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

*IM*

Rec'd/Inspected Date: *2/11/21*

# 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: YSI stitch

RQ: 2021-02-08-31

Project: JCW @ Arlington

- 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 10/14/20

| DO DEP SOP FT 1500 | Name       | Date    | Time CT-ET | Temp °C | Baro-meter mmHg | D.O. Chart mg/L | Meter D.O. mg/L | % DO  | Probe Charge | Probe Gain | Pass / Fail | Lab / Field |
|--------------------|------------|---------|------------|---------|-----------------|-----------------|-----------------|-------|--------------|------------|-------------|-------------|
| Calibr.            | J Parrish  | 2/10/21 | 1010       | 22.3    | 766             | 8.8             | 8.8             | 100.8 | —            | 1.027      | P/F         | L/F         |
| ICV                | J          | 2/10/21 | 1012       | 22.4    | 766             | 8.8             | 8.75            | 100.9 | —            | 1.027      | P/F         | L/F         |
| CCV                | K McDonald | ↓       | 1453       | 22.1    | 763.3           | 8.79            | 8.79            | 100.7 | —            | 1.027      | P/F         | L/F         |
| CCV                |            |         |            |         |                 | 8.8             | km              |       |              |            | 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. Cond. FT 1200 | Name       | Date    | Time CT-ET | Lot #   | Expir. Date | Standard $\mu$ mhos/cm | Meter Reading $\mu$ mhos/cm | Pass / Fail | Lab / Field |
|---------------------|------------|---------|------------|---------|-------------|------------------------|-----------------------------|-------------|-------------|
| Calibr.             | J Parrish  | 2/10/21 | 1014       | 201222B | 1/22        | 1000                   | 1000                        | P/F         | L/F         |
| ICV                 | J          | ↓       | 1015       | 200902A | 9/21        | 100                    | 103                         | P/F         | L/F         |
| CCV                 | K McDonald | ↓       | 1455       | 200407B | 04/21       | 20,000                 | 19229                       | P/F         | L/F         |
| CCV                 |            |         |            |         |             |                        |                             | P/F         | L/F         |

## Conductivity Acceptance criteria $\pm 5\%$

| pH DEP SOP FT 1100 | Name       | Date    | Time CT-ET | Lot #   | Expir. Date | pH Buffer SU | Temp °C | Meter reading SU | mV     | Pass / Fail | Lab / Field |
|--------------------|------------|---------|------------|---------|-------------|--------------|---------|------------------|--------|-------------|-------------|
| Calibr.            | J Parrish  | 2/10/21 | 1016       | 2006FS2 | 6/22        | 7.01         | 22.1    | 7.01             | 187.7  | P/F         | L/F         |
| Calibr.            | J          | ↓       | 1017       | 2912B71 | 12/21       | 4.0          | 22.1    | 4.00             | 160.6  | P/F         | L/F         |
| Calibr.            | J          | ↓       | 1018       | 2006E28 | 12/21       | 10.          | 22.0    | 10.03            | 187.7  | P/F         | L/F         |
| ICV                | J          | ↓       | 1020       | 2912B71 | 12/21       | 4.           | 22.1    | 3.99             | 189.6  | P/F         | L/F         |
| CCV                | K McDonald | ↓       | 1458       | 2006E28 | 12/21       | 10.00        | 22.7    | 10.06            | -191.7 | 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: \_\_\_\_\_

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

| Depth Sensor (Daily Calibration & ICV) | Name      | Date    | Time CT-ET | Calibrated Value (0.00 or Offset), meters | ICV Value, meters | Pass / Fail | Lab / Field |
|----------------------------------------|-----------|---------|------------|-------------------------------------------|-------------------|-------------|-------------|
| Pressure mode in air                   | J Parrish | 2/10/21 | 1025       | 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:



RQ-2021-02-08-31

Customer: WQAP

Project ID: SMP

Collected By: Jeremy Parrish, Kelly McDonald

Field Report Prepared By: Jeremy Parrish

Sampling Agency: FDEP

| Place Label Here                                                                                               |          |                                                                                                                                                                                                       |           |            |      | Comments: Microbiology sample(s) submitted to contract laboratory<br>code R for recent rain |                                                   |                                        |                       |                              |
|----------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------|---------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------|-----------------------|------------------------------|
| WIN ID/Field ID: <br>G2NE1152 |          |                                                                                                                                                                                                       |           |            |      |                                                                                             |                                                   |                                        |                       |                              |
| Location: Arlington River at Carlton oaks.                                                                     |          |                                                                                                                                                                                                       |           |            |      |                                                                                             |                                                   |                                        |                       |                              |
| Matrix: Marine                                                                                                 |          |                                                                                                                                                                                                       |           |            |      | (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 <sub>h</sub> ) |
| 2/10/2021                                                                                                      | 1225 EST | 8.84                                                                                                                                                                                                  | 90        | 15         | 7.55 | 0.3                                                                                         | 0.4<br><input type="checkbox"/> VOB (S)           | 0.773                                  | 7676                  | 4.26                         |
|                                                                                                                | 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 checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                       |           |            |      | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4*          |                                                   | <input checked="" type="checkbox"/> <2 | 1                     | C                            |
|                                                                                                                |          | Lot #                                                                                                                                                                                                 |           | Sa0293040  |      | Exp:                                                                                        |                                                   | 10.19.21                               |                       |                              |
| 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 checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                         |           |            |      | <input checked="" type="checkbox"/> Ice                                                     |                                                   |                                        | 1                     | C                            |
|                                                                                                                |          | Filter Lot #                                                                                                                                                                                          |           | R9na98003  |      |                                                                                             |                                                   |                                        |                       |                              |
|                                                                                                                |          | Syringe Lot #                                                                                                                                                                                         |           |            |      |                                                                                             |                                                   |                                        |                       |                              |
| Chlorophyll (BP-1L)                                                                                            |          | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                        |           |            |      | <input checked="" type="checkbox"/> Ice                                                     |                                                   |                                        | 1                     | C                            |
| 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 checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                    |           |            |      | <input checked="" type="checkbox"/> Ice                                                     |                                                   |                                        | 1                     | C                            |
| 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 type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci<br><input checked="" type="checkbox"/> Contract Lab                                   |           |            |      | <input checked="" type="checkbox"/> Ice                                                     |                                                   |                                        | 1                     | C                            |
| 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"/> |           |            |      | <input type="checkbox"/> Ice                                                                |                                                   |                                        |                       |                              |
| Tracers (BG-500ML)                                                                                             |          | <input type="checkbox"/> W-EB321-DI <input type="checkbox"/> W-EB321-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-SQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-DIELDIN<br>DTM-QL-C PEN-QL-C DTY-QN-C PKD-QN-C<br>DTM-QN-C PRN-QN-C PKD-QN-BV                    |           |            |      | <input type="checkbox"/> Ice                                                                |                                                   |                                        |                       |                              |
| Phytoplankton/Periphyton                                                                                       |          |                                                                                                                                                                                                       |           |            |      | <input type="checkbox"/> Ice                                                                |                                                   |                                        |                       |                              |
| Name: Jeremy Parrish<br>Kelly McDonald                                                                         |          |                                                                                                                                                                                                       |           |            |      | Signature: <i>Kelly A McDonald</i>                                                          |                                                   |                                        | Date: 2/10/2021       |                              |

\*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: Arlington River at Carlton oaks

Date: 2/10/2021

WIN/Field ID: G2NE1152

WBID: 2265A

ENR: ENRBB1

Latitude: 30.3167

County: DUVAL

Org ID: 21FLA

Longitude: -81.6042

Receiving Body of Water: Lower St. Johns

RQ- 2021-02-08-31

| Sampling Team Members               |                | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-------------------------------------|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | Jeremy Parrish |                                     | <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 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: 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 type="checkbox"/> Other                       | <input checked="" 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# STITCH |                                  |
| Photos: No                                                                                                                                                                                                                                                      | Flow: FLOW | Tide: FALLING    | Tide Times: High: 0911 Low: 1542 |
| 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: | 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-2021-02-08-31

Customer: WQAP

Project ID: SMP

Collected By: Jeremy Parrish, Kelly McDonald

Field Report Prepared By: Jeremy Parrish

Sampling Agency: FDEP

| Place Label Here                                                                                               |          |                                                                                                                                                                                                       |           |            |      | Comments: Microbiology sample(s) submitted to contract laboratory code R for recent rain |                                                   |                                        |                       |                 |
|----------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------|------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------|-----------------------|-----------------|
| WIN ID/Field ID: <br>20030679 |          |                                                                                                                                                                                                       |           |            |      |                                                                                          |                                                   |                                        |                       |                 |
| Location: Little Pottsborg Creek At Atlantic Blvd                                                              |          |                                                                                                                                                                                                       |           |            |      |                                                                                          |                                                   |                                        |                       |                 |
| Matrix: Marine                                                                                                 |          |                                                                                                                                                                                                       |           |            |      | (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) |
| 2/10/2021                                                                                                      | 1200 EST | 8.01                                                                                                                                                                                                  | 82        | 15.5       | 7.34 | 0.3                                                                                      | 0.4<br><input type="checkbox"/> VOB (S)           | 1.244                                  | 6161                  | 3.37            |
|                                                                                                                | 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 checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                                                                                       |           |            |      | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4*       |                                                   | <input checked="" type="checkbox"/> <2 | 1                     | A               |
|                                                                                                                |          | Lot #                                                                                                                                                                                                 |           | Sa0293040  |      | Exp:                                                                                     |                                                   | 10.19.21                               |                       |                 |
| Metals (P-500ML)                                                                                               |          | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP <input checked="" type="checkbox"/> W-HARD                                                                      |           |            |      | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3*        |                                                   | <input checked="" type="checkbox"/> <2 | 1                     | A               |
|                                                                                                                |          | Lot #                                                                                                                                                                                                 |           | Na0344060  |      | Exp:                                                                                     |                                                   | 1.4.22                                 |                       |                 |
| Filtered Nutrients (P125ML)                                                                                    |          | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                         |           |            |      | <input checked="" type="checkbox"/> Ice                                                  |                                                   |                                        | 1                     | A               |
|                                                                                                                |          | Filter Lot #                                                                                                                                                                                          |           | R9na98003  |      |                                                                                          |                                                   |                                        |                       |                 |
|                                                                                                                |          | Syringe Lot #                                                                                                                                                                                         |           |            |      |                                                                                          |                                                   |                                        |                       |                 |
| Chlorophyll (BP-1L)                                                                                            |          | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                        |           |            |      | <input checked="" type="checkbox"/> Ice                                                  |                                                   |                                        | 1                     | A               |
| 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 checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                    |           |            |      | <input checked="" type="checkbox"/> Ice                                                  |                                                   |                                        | 1                     | A               |
| 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 type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input checked="" 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<br><input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD <input type="checkbox"/> |           |            |      | <input type="checkbox"/> Ice                                                             |                                                   |                                        |                       |                 |
| 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)                                                                                  |          | W-E8321-DI W-E8321-MS W-PSNP-TQ W-CT-CL-R<br>W-PCL-SQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-DIELDRIN                                                                                         |           |            |      | <input type="checkbox"/> Ice                                                             |                                                   |                                        |                       |                 |
| Phytoplankton/Periphyton                                                                                       |          | DTM-QL-C PEN-QL-C DTY-QN-C PKD-QN-C<br>DTM-QN-C PRN-QN-C PKD-QN-BV                                                                                                                                    |           |            |      | <input type="checkbox"/> Ice                                                             |                                                   |                                        |                       |                 |
| Name: Jeremy Parrish<br>Kelly McDonald                                                                         |          |                                                                                                                                                                                                       |           |            |      | Signature: <i>Kelly A McDonald</i>                                                       |                                                   |                                        | Date: 2/10/2021       |                 |

\*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: Little Pottsburg Creek At Atlantic Blvd

Date: 2/10/2021

WIN/Field ID: 20030679

WBID: 2284A

ENR: ENRBB1

Latitude: 30.311138

County: DUVAL

Org ID: 21FLA

Longitude: -81.608833

Receiving Body of Water: Lower St. Johns

RQ- 2021-02-08-31

| Sampling Team Members               |                | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-------------------------------------|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | Jeremy Parrish |                                     | <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 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: 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 type="checkbox"/> Other                       | <input checked="" 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# STITCH |                                  |
| Photos: No                                                                                                                                                                                                                                                      | Flow: FLOW | Tide: FALLING    | Tide Times: High: 0911 Low: 1542 |
| 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: | Field ID: N/A | (WIN ID_DUP) |
| WIN DMT Activity ID: |       |               |              |

## Blank

|                                |                                              |                       |                      |
|--------------------------------|----------------------------------------------|-----------------------|----------------------|
| Time Zone: EST                 | Time: 1205                                   | Field ID: FB_02102021 | (Blank Type_DDMYYYY) |
| DI Source: Ne roc              | Location: Little pottsburg creek at atlantic |                       |                      |
| DI Type: FB                    | Equipment ID:                                |                       |                      |
| DI Container (Name/ID): Carboy | DI Container Type: Carboy                    |                       |                      |

|                                                                        |                                                              |
|------------------------------------------------------------------------|--------------------------------------------------------------|
| 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- 2021-02-08-31

Customer: WQAPProject ID: SMPCollected By: Jeremy Parrish, Kelly McDonaldField Report Prepared By: Jeremy Parrish, KellyMcDonaldSampling Agency: FDEP

BLANK

Field ID: FB 02102021

Comments:

Matrix: FB

(Check one) ☐ COMPOSITE ☒ GRAB

Date

Time

DI Source: Ne roc

2/10/2021

1205

EST

| Parameter Suite                            | Parameter Methods                                                                                                                                                                                                                                                                           | Preservation                                                                      | pH Check                               | # Bottles sent to Lab  | Bottle Group |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------|------------------------|--------------|
| <b>Preserved Nutrients (P-500ML)</b>       | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP<br>Lot # <u>5a0293040</u> Exp: <u>10.19.21</u>                                                                                                                                                              | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | <input type="checkbox"/> <2            | 1                      | B            |
| <b>Metals (P-500ML)</b>                    | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP<br>Lot # <u>Na0344060</u> Exp: <u>1.4.22</u>                                                                                                                                                          | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | <input checked="" type="checkbox"/> <2 | 1                      | B            |
| <b>Filtered Nutrients (P125ML)</b>         | <input checked="" type="checkbox"/> W-PO4-F Filter <input checked="" type="checkbox"/> Field Filtered 0.45 µm<br>Filter Lot # <u>R9na98003</u><br>Syringe Lot # <u></u>                                                                                                                     | <input checked="" type="checkbox"/> Ice                                           |                                        | 1                      | B            |
| <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-IC / TDS                                                                                                                                                                                   | <input type="checkbox"/> Ice                                                      |                                        |                        |              |
| <b>Physical/Aggregate (Marine) (P-1L)</b>  | <input checked="" type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                          | <input checked="" type="checkbox"/> Ice                                           |                                        | 1                      | B            |
| <b>Tracers (BG-500ML)</b>                  | <input checked="" type="checkbox"/> W-E8321-DI <input checked="" type="checkbox"/> W-E8321-MS                                                                                                                                                                                               | <input checked="" type="checkbox"/> Ice                                           |                                        | 1                      | B            |
| <b>Pesticides (BG-500ML) (BG-1L)</b>       | <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"/> W-DIELDIN | <input type="checkbox"/> Ice                                                      |                                        |                        |              |
| Name: <u>Jeremy Parrish Kelly McDonald</u> |                                                                                                                                                                                                                                                                                             | Signature: <u>Kelly A McDonald</u>                                                |                                        | Date: <u>2/10/2021</u> |              |

\*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: 19-JAN-2021  
 Created By: PARRISH\_J On: 19-JAN-2021  
 Modified By: JASROTIA\_P On: 22-JAN-2021  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Event Description: ICW Boat and Arlington

**Send Coolers To:**

Phone: 904-256-1693  
 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: 22-JAN-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 22-JAN-2021  
 Sampling Kit Required: YES Ship on: 29-JAN-2021  
 Sampling Kit Shipped: YES On: 26-JAN-2021  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 08-FEB-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.Salt)Nutrients, metals, Bacteria, tracers  
 Group B:(Blank)Nutrients, metals, tracer  
 Group C:(Surf.Salt)Nutrients, Bacteria  
 Group D:(Surf.Salt) Bacteria

NE-ALS-ENQ

Packing Notes:

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

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                                                     |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-BR-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Bromide in aqueous matrices                                                                                               |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                         |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| NE-ALS-ENQ                  | Template: DEFAULT    | (ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville                                                                             |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-E8321-MS                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-ICP                       | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Manganese                   |                      |                                                                                                                                                |

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

Bottle Type: P-500ML      Number of Bottles: 1      Preserved With: HNO3  
 W-ICP      Template:      (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Zinc

W-ICPMS      Template:      (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Aluminum  
 Antimony  
 Arsenic  
 Beryllium  
 Cadmium  
 Chromium  
 Copper  
 Lead  
 Nickel  
 Selenium  
 Silver  
 Thallium

Bottle Type: P-500ML      Number of Bottles: 1      Preserved With: ICE And H2SO4  
 W-NH3      Template: DEFAULT      (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L  
 W-NO2NO3      Template: DEFAULT      (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  
 W-S-A-TP      Template: DEFAULT      (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L  
 W-TKN      Template: DEFAULT      (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices  
 W-TOC      Template: DEFAULT      (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: BG-500ML      Number of Bottles: 4      Preserved With: ICE  
 W-PCL-SQ-R      Template: DEFAULT      (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS-SIM

Bottle Type: P-125ML      Number of Bottles: 1      Preserved With: FILTER-ICE  
 W-PO4-F      Template: DEFAULT      (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Type: BG-1L      Number of Bottles: 4      Preserved With: ICE  
 W-PSNP-TQ      Template:      (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

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

Bottle Type: P-1L      Number of Bottles: 1      Preserved With: ICE  
 ALKALINITY      Template: DEFAULT      (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L  
 TURBIDITY      Template: DEFAULT      (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices  
 W-BR-IC      Template: DEFAULT      (EPA 300.0 Rev. 2.1) Bromide in aqueous matrices  
 W-F      Template: DEFAULT      (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)  
 W-TSS      Template: DEFAULT      (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Type: BG-500ML      Number of Bottles: 1      Preserved With: ICE  
 W-E8321-DI      Template: DEFAULT      (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS  
 W-E8321-MS      Template: DEFAULT      (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Type: P-500ML      Number of Bottles: 1      Preserved With: HNO3  
 W-ICP      Template:      (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Calcium  
 Iron  
 Magnesium  
 Manganese  
 Zinc

W-ICPMS      Template:      (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Aluminum  
 Antimony  
 Arsenic  
 Beryllium  
 Cadmium  
 Chromium  
 Copper  
 Lead  
 Nickel

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                        |
| W-ICPMS              | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |

Selenium  
Silver  
Thallium

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                            |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                               |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                       |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                      |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                         |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                         |
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

|                   |                      |                                                                                                        |
|-------------------|----------------------|--------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 1 | Preserved With: ICE                                                                                    |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                          |
| TURBIDITY         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                     |
| W-BR-IC           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Bromide in aqueous matrices                                                       |
| W-F               | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-TSS             | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample        |

|                    |                      |                                                                                                              |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| CHLSUITE-W         | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |

|                             |                      |                                                                    |
|-----------------------------|----------------------|--------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                |
| NE-ALS-ENQ                  | Template: DEFAULT    | (ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville |

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                       |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices    |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

|                             |                      |                                                                    |
|-----------------------------|----------------------|--------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                |
| NE-ALS-ENQ                  | Template: DEFAULT    | (ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville |

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