

RQ-2021- 11-01-57

## Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/2/2021 10:45

| *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 |                                |
| 1.1 1.7             |                 |                                        |          | 10 <sup>15</sup>                      |               | ✓  | ✓        |    | 5225 5541/274<br>5225 5541/235 |
|                     |                 |                                        |          |                                       |               |    |          |    |                                |
|                     |                 |                                        |          |                                       |               |    |          |    |                                |
|                     |                 |                                        |          |                                       |               |    |          |    |                                |
|                     |                 |                                        |          |                                       |               |    |          |    |                                |

## COOLER CHECK

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

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

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No ☐

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

Yes ☐ No ☒

## CONTAINER CHECK

Evidence Tape on Bottles?

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

If Criminal, photographs taken?

Yes ☐ No ☐Containers intact? Yes ☒ No ☐

Caps on tight?

Yes ☒ No ☐

Sufficient Sample Volume:

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

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ☐ No ☒ Init: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐ Init: \_\_\_\_\_

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

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

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

Yes ☒ No ☐ NA ☐ Init: IM

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

Yes ☐ No ☐ NA ☒ Init: IM

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

Coolers Unpacked/Checked by: IM

Date: 12/2/2021

Event contains NCRs (Y/N)? ☒Event ID: Pellicer Creek Boat  
NE-DIST-2021-12-02-02 (SMP)

Page 1 of 2, 06/15 Date Received: 02-DEC-2021 10:45

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #2 exp:10/19/22 |
| pH Test Strips 0 – 6     |                             |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | 219019 exp: 7/1/22          |
| Chlorine Test Strips     | 0070 exp: 02/2023           |

### 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:** 12/1/2021 **Collected By:** Jeremy Parrish, Brian Davis  
**Customer:** NE-DIST **Sampling Agency:** FDEP  
**RQ:** RQ-2021-11-01-57 **Project ID:** SMP

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

**Number of Coolers Shipped:** 2

**Delivery Method:** FedEx

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

| Site Location                       | Field ID/WIN ID                                                                                  |
|-------------------------------------|--------------------------------------------------------------------------------------------------|
| PELLICER CR. AT FAVER DYKES BT.RMP. | <br>27010965   |
| Pellicer 1.3 mi downstream of I95   | <br>G5NE0593   |
| PELLICER CR AT US 1                 | <br>27010016 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 12/1/2021  
1600EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:



Rec'd/Inspected Date:

12/2/21

# 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: YSE 5117 RQ: 2021-11-01-57 Project: Smp Pellicola B

- 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 11/10/21

| 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>/<br>Fail | Lab<br>/<br>Field |
|--------------------------|-------------|---------|---------------|------------|------------------------|-----------------------|-----------------------|-------|-----------------|---------------|-------------------|-------------------|
| Calibr.                  | J Pansh     | 12/1/21 | 830           | 21.9       | 768                    | 8.9                   | 8.9                   | 101.1 | -               | 1.025         | P/F               | L/F               |
| ICV                      | J           | 2/1/21  | 831           | 21.7       | 768                    | 8.9                   | 8.9                   | 101.1 | -               | 1.025         | P/F               | L/F               |
| CCV                      | Brian Davis | 12/1/21 | 1434          | 21.1       | 765                    | 9.0                   | 8.99                  | 101.0 | -               | 1.025         | 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>$\mu$ hos/cm | Meter<br>Reading<br>$\mu$ hos/cm | Pass<br>/<br>Fail | Lab<br>/<br>Field |
|---------------------------|-------------|---------|---------------|---------|----------------|--------------------------|----------------------------------|-------------------|-------------------|
| Calibr.                   | J Pansh     | 12/1/21 | 832           | 210917B | 9/22           | 1000                     | 1000                             | P/F               | L/F               |
| ICV                       | J           | 12/1/21 | 833           | 210926A | 5/22           | 100                      | 102                              | P/F               | L/F               |
| CCV                       | Brian Davis | 12/1/21 | 1437          | 210917C | 9/22           | 50,000                   | 50,274                           | 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>/<br>Fail | Lab<br>/<br>Field |
|--------------------------|-------------|---------|---------------|---------|----------------|--------------------|------------|------------------------|--------|-------------------|-------------------|
| Calibr.                  | J Pansh     | 12/1/21 | 839           | 210917C | 9/23           | 7.                 | 22.6       | 7.01                   | -34.0  | P/F               | L/F               |
| Calibr.                  | J           |         | 840           | 2107640 | 9/23           | 4.                 | 22.4       | 4.00                   | 144.3  | P/F               | L/F               |
| Calibr.                  | J           |         | 841           | 202E08  | 6/22           | 10.                | 22.4       | 10.03                  | -207.5 | P/F               | L/F               |
| ICV                      | J           |         | 842           | 2107640 | 7/23           | 4.                 | 22.3       | 4.04                   | 141.6  | P/F               | L/F               |
| CCV                      | Brian Davis | 12/1/21 | 1439          | 2012E08 | 6/22           | 10.02              | 23.3       | 9.96                   | -205.0 | 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 10 173.5, slope from 4 to 7 178.3 (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: 11/10/21

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                         | J Pansh | 12/1/21 | 845           | 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-2021-11-01-57

Customer: WQAP

Project ID: SMP

Collected By: Jeremy Parrish, Brian Davis

Field Report Prepared By: Jeremy Parrish

Sampling Agency: FDEP

| Place Label Here                                                                                   |          |                                                                                                                            |                                            |            |           | Comments:                                                                                      |                                         |                             |                       |                |
|----------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------|-----------|------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------|-----------------------|----------------|
| WIN ID/Field ID:  |          |                                                                                                                            |                                            |            |           |                                                                                                |                                         |                             |                       |                |
| 27010016                                                                                           |          |                                                                                                                            |                                            |            |           |                                                                                                |                                         |                             |                       |                |
| Location: PELLICER CR AT US 1                                                                      |          |                                                                                                                            |                                            |            |           |                                                                                                |                                         |                             |                       |                |
| 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) |
| 12/1/2021                                                                                          | 1130 EST | 6.18                                                                                                                       | 60.7                                       | 14         | 7.15      | 0.3                                                                                            | 1.6<br><input type="checkbox"/> VOB (S) | 3.6                         | 3221                  | 1.7            |
|                                                                                                    |          |                                                                                                                            |                                            |            |           |                                                                                                |                                         |                             |                       |                |
|                                                                                                    | 1134 EST | 6.02                                                                                                                       | 59.1                                       | 14         | 7.06      | 3.1                                                                                            |                                         |                             | 3373                  | 1.79           |
|                                                                                                    |          |                                                                                                                            |                                            |            |           |                                                                                                |                                         |                             |                       |                |
| 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                                                                                        | Formalin Lot #                             |            |           | <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 checked="" type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci |                                            |            |           | <input checked="" type="checkbox"/> Ice                                                        |                                         |                             | 2                     | C              |
|                                                                                                    |          | <input type="checkbox"/> Contract Lab                                                                                      |                                            |            |           |                                                                                                |                                         |                             |                       |                |
| 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) |            |           |                                                                                                |                                         |                             |                       |                |
| Phytoplankton/Periphyton                                                                           |          |                                                                                                                            |                                            | DTY-QN-C   | PKD-QN-BV | <input type="checkbox"/> Ice                                                                   |                                         |                             |                       |                |
| Name: Jeremy Parrish<br>Brian Davis                                                                |          |                                                                                                                            |                                            |            |           | Signature:  |                                         |                             | Date: 12/01/21        |                |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
Yes / No

WIN Station Name: PELLICER CR AT US 1

Date: 12/1/2021

WIN/Field ID: 27010016

WBID: 2580B

ENR: ENRT4

Latitude: 29.6513

County: FLAGLER

Org ID: 21FLA

Longitude: -81.29

Receiving Body of Water: Upper East Coast

RQ- 2021-11-01-57

| Sampling Team Members               |                | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|----------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Jeremy Parrish |                 | x                 |               | x            | x                  |
| <input checked="" type="checkbox"/> | Brian Davis    | 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 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: Low: |                  |  |  |  |  |  |
| Biological Samples Collected: <input checked="" type="checkbox"/> None <input type="checkbox"/> HA <input type="checkbox"/> SCI <input type="checkbox"/> RPS <input type="checkbox"/> Algae ID <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |            |  |               |  |                        |                  |  |  |  |  |  |
| SBIO ID Numbers:                                                                                                                                                                                                                                                |            |  |               |  |                        |                  |  |  |  |  |  |
| Notes:                                                                                                                                                                                                                                                          |            |  |               |  |                        |                  |  |  |  |  |  |

## Duplicate Sample

|                      |       |               |              |
|----------------------|-------|---------------|--------------|
| Time Zone: EST       | Time: | 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 BD 12/01/21 Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)



RQ-2021-11-01-57

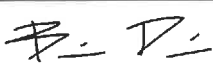
Customer: WQAP

Project ID: SMP

Collected By: Jeremy Parrish, Brian Davis

Field Report Prepared By: Jeremy Parrish

Sampling Agency: FDEP

| Place Label Here                                                                                   |          |                                                                                                                            |           |                                                                                                |      | Comments:                                                                               |                                         |                                               |                       |                              |
|----------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------|-----------------------|------------------------------|
| WIN ID/Field ID:  |          |                                                                                                                            |           |                                                                                                |      |                                                                                         |                                         |                                               |                       |                              |
| 27010965                                                                                           |          |                                                                                                                            |           |                                                                                                |      |                                                                                         |                                         |                                               |                       |                              |
| Location: PELLICER CR. AT FAVER DYKES BT.RMP.                                                      |          |                                                                                                                            |           |                                                                                                |      |                                                                                         |                                         |                                               |                       |                              |
| 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> ) |
| 12/1/2021                                                                                          | 1040 EST | 7.82                                                                                                                       | 89.2      | 15.5                                                                                           | 7.38 | 0.3                                                                                     | 0.9<br><input type="checkbox"/> VOB (S) | 2                                             | 32476                 | 20.24                        |
|                                                                                                    |          |                                                                                                                            |           |                                                                                                |      |                                                                                         |                                         |                                               |                       |                              |
|                                                                                                    | 1041 EST | 7.61                                                                                                                       | 87.6      | 15.1                                                                                           | 7.64 | 1.5                                                                                     |                                         |                                               | 37640                 | 23.91                        |
|                                                                                                    |          |                                                                                                                            |           |                                                                                                |      |                                                                                         |                                         |                                               |                       |                              |
| 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 #                                                                                                                      |           | SA1105060                                                                                      |      | Exp:                                                                                    |                                         | 4/30/22                                       |                       |                              |
| Metals (P-500ML)                                                                                   |          | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP <input type="checkbox"/> W-HARD      |           |                                                                                                |      | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3*       |                                         | <input type="checkbox"/> <2                   | 1                     | A                            |
|                                                                                                    |          | Lot #                                                                                                                      |           | NA1105100                                                                                      |      | Exp:                                                                                    |                                         | 6/7/22                                        |                       |                              |
| 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 #                                                                                                               |           | R1EB01329                                                                                      |      |                                                                                         |                                         |                                               |                       |                              |
|                                                                                                    |          | Syringe Lot #                                                                                                              |           | P                                                                                              |      |                                                                                         |                                         |                                               |                       |                              |
| 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                                                                                        |           | Formalin Lot #                                                                                 |      | <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 checked="" type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci |           |                                                                                                |      | <input checked="" type="checkbox"/> Ice                                                 |                                         |                                               | 2                     | A                            |
|                                                                                                    |          | <input type="checkbox"/> Contract Lab                                                                                      |           |                                                                                                |      |                                                                                         |                                         |                                               |                       |                              |
| 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)                                                                      |          | <input checked="" type="checkbox"/> W-E8321-DI                                                                             |           | <input checked="" type="checkbox"/> W-E8321-MS                                                 |      | <input checked="" type="checkbox"/> W-PSNP-TQ                                           |                                         | <input checked="" type="checkbox"/> W-CT-CL-R |                       | 10                           |
|                                                                                                    |          | <input checked="" type="checkbox"/> W-PCL-TQ-R                                                                             |           | <input checked="" type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution)                 |      |                                                                                         |                                         |                                               |                       | A                            |
| Phytoplankton/Periphyton                                                                           |          |                                                                                                                            |           |                                                                                                |      | DTY-QN-C                                                                                |                                         |                                               |                       |                              |
|                                                                                                    |          |                                                                                                                            |           |                                                                                                |      | PKD-QN-BV                                                                               |                                         |                                               |                       |                              |
|                                                                                                    |          |                                                                                                                            |           |                                                                                                |      | <input type="checkbox"/> Ice                                                            |                                         |                                               |                       |                              |
| Name: Jeremy Parrish<br>Brian Davis                                                                |          |                                                                                                                            |           | Signature:  |      |                                                                                         |                                         | Date: 12/01/21                                |                       |                              |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
Yes / No

WIN Station Name: PELLICER CR. AT FAVER DYKES BT.RMP.

Date: 12/1/2021

WIN/Field ID: 27010965

WBID: 2580A

ENR: ENRT4

Latitude: 29.6671

County: ST. JOHNS

Org ID: 21FLA

Longitude: -81.26

Receiving Body of Water: Upper East Coast

RQ- 2021-11-01-57

| Sampling Team Members               |                | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|----------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Jeremy Parrish |                 | x                 |               | x            | x                  |
| <input checked="" type="checkbox"/> | Brian Davis    | x               |                   | x             |              |                    |
| <input type="checkbox"/>            |                |                 |                   |               |              |                    |
| <input type="checkbox"/>            |                |                 |                   |               |              |                    |

|                                                      |                                                    |
|------------------------------------------------------|----------------------------------------------------|
| <b>Sampling Equipment</b>                            |                                                    |
| <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: MeterStick                      |                                                    |
| Secchi Equipment ID:                                 |                                                    |
| <b>Collection Method</b>                             |                                                    |
| <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 |

|                                                                                                                                                                                                                                                                        |                 |                         |                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------|----------------------------------|
| <b>Water Level:</b> <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                                                |                 | <b>Meter ID#</b> STITCH |                                  |
| <b>Photos:</b> No                                                                                                                                                                                                                                                      | <b>Flow:</b> NA | <b>Tide:</b> FALLING    | <b>Tide Times:</b><br>High: Low: |
| <b>Biological Samples Collected:</b> <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: |                 |                         |                                  |
| <b>SBIO ID Numbers:</b>                                                                                                                                                                                                                                                |                 |                         |                                  |
| <b>Notes:</b>                                                                                                                                                                                                                                                          |                 |                         |                                  |

## Duplicate Sample

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

## Blank

|                                |                      |                           |                       |
|--------------------------------|----------------------|---------------------------|-----------------------|
| <b>Time Zone:</b>              | <b>Time:</b>         | <b>Field ID:</b>          | (Blank Type_DDMMYYYY) |
| <b>DI Source:</b>              | <b>Location:</b>     |                           |                       |
| <b>DI Type:</b>                | <b>Equipment ID:</b> |                           |                       |
| <b>DI Container (Name/ID):</b> |                      | <b>DI Container Type:</b> |                       |

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 BD 12/01/21 Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)



RQ-2021-11-01-57

Customer: WQAP

Project ID: SMP

Collected By: Brian Davis, Jeremy Parrish

Field Report Prepared By: Brian Davis

Sampling Agency: FDEP

| Place Label Here                                                                                               |          |                                                                                                                                                                              |           |            |      | Comments:                                                                                                                 |                                       |                 |                       |                |
|----------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------|-----------------------|----------------|
| WIN ID/Field ID: <br>G5NE0593 |          |                                                                                                                                                                              |           |            |      |                                                                                                                           |                                       |                 |                       |                |
| Location: Pellicer 1.3 mi downstream of I95                                                                    |          |                                                                                                                                                                              |           |            |      |                                                                                                                           |                                       |                 |                       |                |
| 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) |
| 12/1/2021                                                                                                      | 1105 EST | 7.19                                                                                                                                                                         | 77.1      | 15.7       | 7.19 | 0.3                                                                                                                       | 1<br><input type="checkbox"/> VOB (S) | 1.9             | 17308                 | 10.25          |
|                                                                                                                | 1108 EST | 7.21                                                                                                                                                                         | 78.2      | 15.5       | 7.26 | 1.4                                                                                                                       |                                       |                 | 21626                 | 13.03          |
| 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<br>Lot # SA1105060 Exp: 4/30/22                                                              |           |            |      | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4* <input checked="" type="checkbox"/> <2 |                                       |                 | 1                     | B              |
| 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 checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # R1EB01329<br>Syringe Lot #                     |           |            |      | <input checked="" type="checkbox"/> Ice                                                                                   |                                       |                 | 1                     | B              |
| Chlorophyll (BP-1L)                                                                                            |          | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                               |           |            |      | <input checked="" type="checkbox"/> Ice                                                                                   |                                       |                 | 1                     | B              |
| Physical/Aggregate (Fresh) (P-1L)                                                                              |          | <input type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CHIC / 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                     | B              |
| Macroinvertebrates (PJ-2L)                                                                                     |          | <input type="checkbox"/> MI-FW-QLDC Formalin Lot #                                                                                                                           |           |            |      | <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 checked="" type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab          |           |            |      | <input checked="" type="checkbox"/> Ice                                                                                   |                                       |                 | 2                     | 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 WE8321-MS W-PSNP-TQ W-CT-CL-R<br>W-PCL-TQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution)                                                                            |           |            |      | <input type="checkbox"/> Ice                                                                                              |                                       |                 |                       |                |
| Phytoplankton/Periphyton                                                                                       |          | DTY-QN-C PKD-QN-BV                                                                                                                                                           |           |            |      | <input type="checkbox"/> Ice                                                                                              |                                       |                 |                       |                |
| Name: Brian Davis<br>Jeremy Parrish                                                                            |          |                                                                                                                                                                              |           |            |      | Signature:                            |                                       |                 | Date: 12/01/21        |                |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PLAN FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
Yes / No

WIN Station Name: Pellicer 1.3 mi downstream of I95

Date: 12/1/2021

WIN/Field ID: G5NE0593

WBID: 2580B

ENR: ENRT4

Latitude: 29.6595

County: ST. JOHNS

Org ID: 21FLA

Longitude: -81.27

Receiving Body of Water: Upper East Coast

RQ: 2021-11-01-57

| Sampling Team Members               |                | WQ Measurements                     | Sample Collection                   | Documentation                       | Preservation                        | Preservation Check                  |
|-------------------------------------|----------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | Brian Davis    | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <input checked="" type="checkbox"/> | Jeremy Parrish | <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 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: NA | Tide: N/A        | Tide Times: High: Low: |
| Biological Samples Collected: <input checked="" type="checkbox"/> None <input type="checkbox"/> HA <input type="checkbox"/> SCI <input type="checkbox"/> RPS <input type="checkbox"/> Algae ID <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |          |                  |                        |
| SBIO ID Numbers:                                                                                                                                                                                                                                                |          |                  |                        |
| Notes:                                                                                                                                                                                                                                                          |          |                  |                        |

## Duplicate Sample

|                      |       |               |              |
|----------------------|-------|---------------|--------------|
| Time Zone: EST       | Time: | 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 BD 12/01/21 Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

# 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: Guilhermo

RQ: 2021-11-01-57

Project: SMP CM Pellice

- 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

11/10/21

| 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.                  | <u>Buick Davis</u> | <u>11/22/21</u> | <u>811</u>    | <u>22.9</u> | <u>760.5</u>           | <u>8.6</u>            | <u>8.6</u>            | <u>100.1</u> | <u>✓</u>        | <u>0.97</u>   | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |
| ICV                      | <u>↓</u>           | <u>↓</u>        | <u>815</u>    | <u>23.0</u> | <u>760.5</u>           | <u>8.6</u>            | <u>8.59</u>           | <u>100.1</u> | <u>✓</u>        | <u>0.97</u>   | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |
| CCV                      | <u>↓</u>           | <u>12/1/21</u>  | <u>1445</u>   | <u>21.7</u> | <u>764.4</u>           | <u>8.8</u>            | <u>8.88</u>           | <u>101.1</u> | <u>✓</u>        | <u>0.97</u>   | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |
| CCV                      |                    |                 |               |             |                        |                       |                       |              |                 |               | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |

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>$\mu$ hos/cm | Meter<br>Reading<br>$\mu$ hos/cm | Pass<br>/ Fail      | Lab<br>/ Field      |
|---------------------------|--------------------|-----------------|---------------|----------------|----------------|--------------------------|----------------------------------|---------------------|---------------------|
| Calibr.                   | <u>Buick Davis</u> | <u>11/22/21</u> | <u>802</u>    | <u>210917B</u> | <u>9/22</u>    | <u>1000</u>              | <u>1000</u>                      | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |
| ICV                       | <u>↓</u>           | <u>↓</u>        | <u>807</u>    | <u>210917C</u> | <u>9/22</u>    | <u>50,000</u>            | <u>50,313</u>                    | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |
| CCV                       | <u>↓</u>           | <u>12/1/21</u>  | <u>1447</u>   | <u>210917B</u> | <u>9/22</u>    | <u>1000</u>              | <u>1002</u>                      | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |
| CCV                       |                    |                 |               |                |                |                          |                                  | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |

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.                  |      |      |               |       |                | <u>7.</u>          |            |                        |    | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |
| Calibr.                  |      |      |               |       |                | <u>4.</u>          |            |                        |    | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |
| Calibr.                  |      |      |               |       |                | <u>10.</u>         |            |                        |    | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |
| ICV                      |      |      |               |       |                |                    |            |                        |    | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |
| CCV                      |      |      |               |       |                |                    |            |                        |    | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |
| CCV                      |      |      |               |       |                |                    |            |                        |    | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |

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: 11/10/21

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                         | <u>Buick Davis</u> | <u>11/22/21</u> | <u>814</u>    | <u>0.00</u>                                     | <u>0.00</u>          | <u>P</u> / <u>F</u> | <u>L</u> / <u>F</u> |

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  
SMP CONTINUOUS MONITORING SHEET

August 2017

PAGE \_\_\_\_ OF \_\_\_\_

Data Qualified?  
Yes / No

STORET Station Name: Pellicel 125.1

WBID: 2580B

STORET Station ID: 27010016

ORG ID: 21FLA

Field ID: \_\_\_\_\_

County: St Johns

RQ - 2021-11-01-52

Meter ID#: Guillermo

**Pre-Deployment Setup**

Date: 11/22/21

Performed by: Brian Veni

Parameters

Recorded:

☒ Date

☒ Time

☐ Temp. (C)

☒ Sp. Cond.

☒ DO (mg/L)

☐ pH

☒ Depth

Sampling Interval  
(min): 15

Free Memory  
(days): 99%

Expected  
Battery Life: 2.55V

Programmed  
Duration: 7/365 days

Sonde Filename: pc11222021

Reset Clock?  
(Y or N) Yes

Programmed Start  
Date/Time: 11/22/21 (mm/dd/yyyy) 12:00:00 (hh:mm:ss) (Cent. 1 East)

Wipers Park  
Correctly? Yes

Programmed End  
Date/Time: 12/01/21 (mm/dd/yyyy) 12:00:00 (hh:mm:ss) (Cent. 1 East)

Calibration Date 11/22/21

**Deployment**

Date: 11/22/21

Time Into Water: 1115

Time Zone: Cent. 1 East.

Deployed Sonde

Latitude:

Deployed Sonde

Longitude:

Deployed By:  
(print all staff  
present)

BD, JF

Notes: (how to get to, landmarks, site considerations & concerns, etc.)

Photos: Yes ☒ No ☐

**Retrieval**

Date: 12/1/21

Time Out Of Water: 1140

Time Zone: Cent. 1 East.

Mounting left or  
removed?

Removed

Retrieved By:

BD, JF

Notes: (significant fouling, signs of human disturbance, site considerations and concerns, etc.)

**Post-Deployment**

Date: 12/1/21

Performed by: TSF

Data File Downloaded? ☒ Yes ☐ No

Archived Filename: 12012021-nwdeta

Meter Verification Date: 12/1/21

Date of Request: 13-OCT-2021  
 Created By: PARRISH\_J On: 13-OCT-2021  
 Modified By: JASROTIA\_P On: 14-OCT-2021  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Event Description: Pellicer Creek Boat

**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: 14-OCT-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 14-OCT-2021  
 Sampling Kit Required: YES Ship on: 22-OCT-2021  
 Sampling Kit Shipped: YES On: 21-OCT-2021  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: YES  
 Date to Receive Samples: 01-NOV-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@floridadep.gov

Comments: Group A:(Surf.Salt) Nutrients, Metals,Pesticides, Bacteria  
 Group B:(Surf.Salt) Nutrients,Bacteria  
 Group C:(Surf.Salt)Bacteria

NE-ALS-ENQ  
 NE-ALS-FC

Packing Notes:

\*\* add Carbamate preservatives vial

**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 CaCO3/L                                                |
| TURBIDITY                     | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity 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: 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 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-WO-THI   | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ENT-24-QT                     | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems                 |
| Bottle Type: P-250ML-WO-THI   | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| FCOLI-MF                      | Template: DEFAULT    | (SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems                        |
| Bottle Type: BG-500ML         | Number of Bottles: 1 | Preserved With: CH2CICOOH and Ice                                                                            |
| W-CARB-AA                     | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                       |
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 4 | Preserved With: ICE                                                                                          |

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

|                               |                      |                                                                                                                                                |
|-------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML FILL TO | 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: SMP        | (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                        |                      |                                                                                                                                                |
| 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 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-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-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ENT-24-QT                   | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems                 |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| FCOLI-MF                    | Template: DEFAULT    | (SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems                        |
| 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-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE |
|-----------------------------|----------------------|---------------------|

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

|                             |                      |                                                                                              |
|-----------------------------|----------------------|----------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                          |
| ENT-24-QT                   | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                          |
| FCOLI-MF                    | Template: DEFAULT    | (SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems        |

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