



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Big Branch Downstream of Road 5

Date: 02/27/2019

WIN/ Field ID: G2WA0010

WBID: 1154

Latitude: 30.15825339

(mm/dd/yyyy)

County: Gulf

ORG ID: 21FLWQA

Longitude: -85.25200674

(Decimal Degrees)

Receiving Body of Water: Stone Mill Creek

RQ- 2019-02-25-48

(Decimal Degrees)

| Sampling Team Members                                                        |                                                                                                                 |                                                  |                  |                 | WQ Measurements                         | Sample Collection                                                                 | Documentation     | Preservation                             | Preservation Check                     | Sampling Equipment                                   |                                             |                               |  |  |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------|-----------------|-----------------------------------------|-----------------------------------------------------------------------------------|-------------------|------------------------------------------|----------------------------------------|------------------------------------------------------|---------------------------------------------|-------------------------------|--|--|
| Blake Spencer                                                                |                                                                                                                 |                                                  |                  |                 |                                         |                                                                                   |                   |                                          |                                        | <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn           | <input type="checkbox"/> Pole |  |  |
| Avril Wood-McGrath                                                           |                                                                                                                 |                                                  |                  |                 |                                         |                                                                                   |                   |                                          |                                        | <input type="checkbox"/> Carboy                      | <input checked="" type="checkbox"/> Syringe |                               |  |  |
| Steve Cafone                                                                 |                                                                                                                 |                                                  |                  |                 |                                         |                                                                                   |                   |                                          |                                        | <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other              |                               |  |  |
|                                                                              |                                                                                                                 |                                                  |                  |                 |                                         |                                                                                   |                   |                                          |                                        | Depth Measured with <u>meter stick</u>               |                                             |                               |  |  |
|                                                                              |                                                                                                                 |                                                  |                  |                 |                                         |                                                                                   |                   |                                          |                                        | Equipment ID                                         |                                             |                               |  |  |
| Collection Method                                                            |                                                                                                                 |                                                  |                  |                 |                                         |                                                                                   |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| <input checked="" type="checkbox"/> Wading                                   |                                                                                                                 |                                                  |                  |                 | <input type="checkbox"/> Canoe/Kayak    |                                                                                   |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| <input type="checkbox"/> From Shore                                          |                                                                                                                 |                                                  |                  |                 | <input type="checkbox"/> Electric Motor |                                                                                   |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| <input type="checkbox"/> Other                                               |                                                                                                                 |                                                  |                  |                 | <input type="checkbox"/> Gasoline Motor |                                                                                   |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| Water Level: Dry/ Pooled/ Low / Normal / <u>High</u> / Flooded               |                                                                                                                 |                                                  |                  |                 | Meter ID# <u>Biology #2</u>             |                                                                                   |                   |                                          |                                        | Matrix: <u>Fresh</u> / Marine / DI                   |                                             |                               |  |  |
| Photos: Yes / No                                                             |                                                                                                                 | Flow: No Flow / Intestinal / <u>Flowing</u> / NA |                  |                 | Tide: Rising/ Falling/ Slack/ <u>NA</u> |                                                                                   |                   | Tide Times: High <u>NA</u> Low <u>NA</u> |                                        |                                                      |                                             |                               |  |  |
| Time Zone                                                                    | Time                                                                                                            | Total Depth (m)                                  | Sample Depth (m) | Secchi Disk (m) | DO (mg/L)                               | DO (%SAT)                                                                         | pH                | Salinity (PPT)                           | Sp COND (umhos/cm)                     | Temp. (C°)                                           |                                             |                               |  |  |
| <u>EST</u>                                                                   | <u>1215</u>                                                                                                     | <u>0.3</u>                                       | <u>0.15</u>      | <u>0.3</u>      | <u>0.85</u>                             | <u>10.6</u>                                                                       | <u>4.92</u>       | <u>0.41</u>                              | <u>28</u>                              | <u>17.35</u>                                         |                                             |                               |  |  |
| CEN                                                                          |                                                                                                                 |                                                  |                  |                 |                                         |                                                                                   |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other: |                                                                                                                 |                                                  |                  |                 |                                         |                                                                                   |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| SBIO ID Numbers:                                                             |                                                                                                                 | SBIO-ID:                                         |                  | HA-ID:          |                                         | RPS-ID:                                                                           |                   | Macrophyte-ID:                           |                                        | LIMS#: <u>2065842</u>                                |                                             |                               |  |  |
| Parameter Suite                                                              | Parameter Methods                                                                                               |                                                  |                  |                 |                                         | Preservation                                                                      | Lot#              | Expiration                               | pH Check                               |                                                      |                                             |                               |  |  |
| Preserved Nutrients                                                          | <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 | <u>SA-8274050</u> | <u>10/1/19</u>                           | <input checked="" type="checkbox"/> <2 |                                                      |                                             |                               |  |  |
| Metals                                                                       | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                 |                                                  |                  |                 |                                         | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |                   |                                          | <input type="checkbox"/> <2            |                                                      |                                             |                               |  |  |
| Filtered Nutrients                                                           | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 um Filter   |                                                  |                  |                 |                                         | <input checked="" type="checkbox"/> Ice                                           | <u>18027054</u>   |                                          |                                        |                                                      |                                             |                               |  |  |
| Chlorophyll                                                                  | <input checked="" type="checkbox"/> CHLSUITE-W                                                                  |                                                  |                  |                 |                                         | <input checked="" type="checkbox"/> Ice                                           |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| Physical/Aggregate (Fresh)                                                   | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS |                                                  |                  |                 |                                         | <input checked="" type="checkbox"/> Ice                                           |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| Physical/Aggregate (Marine)                                                  | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                         |                                                  |                  |                 |                                         | <input type="checkbox"/> Ice                                                      |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| Macroinvertebrates                                                           | <input type="checkbox"/> MI-FW-QLDC                                                                             |                                                  |                  |                 |                                         | <input type="checkbox"/> Formalin                                                 |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| Periphyton                                                                   | <input type="checkbox"/> ALGAE-ID                                                                               |                                                  |                  |                 |                                         | <input type="checkbox"/> Ice                                                      |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| Microbiology                                                                 | <input checked="" type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci |                                                  |                  |                 |                                         | <input checked="" type="checkbox"/> Ice                                           |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| Molecular                                                                    | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2        |                                                  |                  |                 |                                         | <input type="checkbox"/> Ice                                                      |                   |                                          |                                        |                                                      |                                             |                               |  |  |
|                                                                              | <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-DG3 <input type="checkbox"/> PCR-GFD            |                                                  |                  |                 |                                         | <input type="checkbox"/> Ice                                                      |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| Tracers                                                                      | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                         |                                                  |                  |                 |                                         | <input type="checkbox"/> Ice                                                      |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| Pesticides                                                                   | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI       |                                                  |                  |                 |                                         | <input type="checkbox"/> Ice                                                      |                   |                                          |                                        |                                                      |                                             |                               |  |  |
|                                                                              | <input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-CARB-AA       |                                                  |                  |                 |                                         | <input type="checkbox"/> Ice                                                      |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| Phytoplankton                                                                | <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C                                             |                                                  |                  |                 |                                         | <input type="checkbox"/> Ice                                                      |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| Notes:                                                                       |                                                                                                                 |                                                  |                  |                 |                                         |                                                                                   |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| Nutrients                                                                    |                                                                                                                 |                                                  |                  |                 |                                         | WIN ID / FILED ID → <u>G2WA0010</u>                                               |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| E. Coli                                                                      |                                                                                                                 |                                                  |                  |                 |                                         | Location <u>Big Branch Downstream of Road 5</u>                                   |                   |                                          |                                        |                                                      |                                             |                               |  |  |
| Signature: <u>[Signature]</u>                                                |                                                                                                                 |                                                  |                  |                 |                                         | Date: <u>2/27/19</u>                                                              |                   |                                          |                                        |                                                      |                                             |                               |  |  |

LIMS EVENT ID: WAS-SECT-2019-02-27-01

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: 3/14/19

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

(Initials/Date)

Request Number: RQ-2019-02-25-48

Group 2

# Florida Department of Environmental Protection Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: WAS-SECT

Project ID: SMP

Requester: Curtis Musson

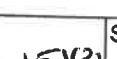
Field Report Prepared By:

Avril Wood-McGrath

Collected By: Blake Spencer, Avril Wood-McGrath, Steve Colone

Sampling Agency:

FDEP

|              |          |                                                                                                                     |           |                                                                           |                                                            |                                                                                 |                                          |                               |
|--------------|----------|---------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------|-------------------------------|
| Location     |          | WIN ID / FILED ID → <br>G2WA0012   |           | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 2/27/19 Time 11:31 | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date — Time —           | Bottle Group(s)<br>(See pg 2) |
| Field ID     | Location | Stone Mill Creek<br>Upstream of Dianna St.                                                                          |           | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            | Diss. Oxygen<br>0.3                                        | <input type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat      | Total Res. Chlorine<br>(mg/L) —          | A                             |
| WIN/STORET # | Latitude | 30.15766847                                                                                                         | Longitude | 17.99                                                                     | pH                                                         | 5.4                                                                             | Sample Depth                             |                               |
|              |          |                                                                                                                     |           | 0.3                                                                       |                                                            | 43                                                                              |                                          |                               |
| Location     |          | WIN ID / FILED ID → <br>G2WA0010   |           | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 2/27/19 Time 12:15 | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date 2/27/19 Time 12:15 | Bottle Group(s)               |
| Field ID     | Location | Big Branch Downstream of Road 5                                                                                     |           | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            | Diss. Oxygen<br>10.6                                       | <input type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat      | Total Res. Chlorine<br>(mg/L) —          | B                             |
| WIN/STORET # | Latitude | 30.15825339                                                                                                         | Longitude | 17.35                                                                     | pH                                                         | 4.92                                                                            | Sample Depth                             |                               |
|              |          |                                                                                                                     |           | 0.15                                                                      |                                                            | 28                                                                              |                                          |                               |
| Location     |          | WIN ID / FILED ID → <br>G2WA0005   |           | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 2/27/19 Time 10:55 | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date — Time —           | Bottle Group(s)               |
| Field ID     | Location | Coon Creek<br>100 meters upstream of CR 69                                                                          |           | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            | Diss. Oxygen<br>—                                          | <input type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat      | Total Res. Chlorine<br>(mg/L) —          | C                             |
| WIN/STORET # | Latitude | 30.39283938                                                                                                         | Longitude | —                                                                         | pH                                                         | —                                                                               | Sample Depth                             |                               |
|              |          |                                                                                                                     |           | 0.2                                                                       |                                                            | —                                                                               |                                          |                               |
| Location     |          | WIN ID / FILED ID → <br>G2WA0020 |           | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 2/27/19 Time 10:10 | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date — Time —           | Bottle Group(s)               |
| Field ID     | Location | Wilson Mill Creek                                                                                                   |           | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            | Diss. Oxygen<br>0.7                                        | <input type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat      | Total Res. Chlorine<br>(mg/L) —          | A                             |
| WIN/STORET # | Latitude | 30.5777                                                                                                             | Longitude | 17.52                                                                     | pH                                                         | 7.36                                                                            | Sample Depth                             |                               |
|              |          |                                                                                                                     |           | 0.05                                                                      |                                                            | 77                                                                              |                                          |                               |
| Location     |          | WIN ID / FILED ID → <br>G2WA0012 |           | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 2/27/19 Time 10:10 | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date — Time —           | Bottle Group(s)               |
| Field ID     | Location | Wilson Mill Creek                                                                                                   |           | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            | Diss. Oxygen<br>0.7                                        | <input type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat      | Total Res. Chlorine<br>(mg/L) —          | A                             |
| WIN/STORET # | Latitude | 30.5777                                                                                                             | Longitude | 17.52                                                                     | pH                                                         | 7.36                                                                            | Sample Depth                             |                               |
|              |          |                                                                                                                     |           | 0.05                                                                      |                                                            | 77                                                                              |                                          |                               |

|                            |                            |                         |                                 |                    |                            |
|----------------------------|----------------------------|-------------------------|---------------------------------|--------------------|----------------------------|
| Relinquished By:<br>CORONC | Date/Time<br>2/27/19 15:18 | Shipping Method<br>HAND | Number of Coolers Shipped:<br>2 | Received By:<br>SR | Date/Time<br>2.27.19/15:18 |
|----------------------------|----------------------------|-------------------------|---------------------------------|--------------------|----------------------------|

|                                                                                    |                             |                 |                                           |                                     |    |
|------------------------------------------------------------------------------------|-----------------------------|-----------------|-------------------------------------------|-------------------------------------|----|
| Group: A                                                                           | Bottle Type: P-1L           | # of Bottles: 2 | Preservative: ICE                         | Enter Number of Bottles Sent to Lab | 2  |
| ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS |                             |                 |                                           |                                     |    |
| Group: A                                                                           | Bottle Type: BP-1L          | # of Bottles: 2 | Preservative: ICE                         | Enter Number of Bottles Sent to Lab | 2  |
| CHL-SUTE-W<br>ECOLI-18QT                                                           |                             |                 |                                           |                                     |    |
| Group: A                                                                           | Bottle Type: P-250ML-WO-THI | # of Bottles: 2 | Preservative: ICE                         | Enter Number of Bottles Sent to Lab | 2  |
| ECOLI-18QT                                                                         |                             |                 |                                           |                                     |    |
| Group: A                                                                           | Bottle Type: BG-500ML       | # of Bottles: 6 | Preservative: ICE                         | Enter Number of Bottles Sent to Lab | 60 |
| W-CT-CI-R                                                                          |                             |                 |                                           |                                     |    |
| Group: A                                                                           | Bottle Type: P-500ML        | # of Bottles: 2 | Preservative: HNO3                        | Enter Number of Bottles Sent to Lab | 2  |
| W-ICP<br>W-ICPMS                                                                   |                             |                 |                                           |                                     |    |
|                                                                                    |                             |                 | HNO3<br>LOT# N8888070<br>EXP: 03/21/19    |                                     |    |
| Group: A                                                                           | Bottle Type: P-500ML        | # of Bottles: 2 | Preservative: ICE And H2SO4               | Enter Number of Bottles Sent to Lab | 2  |
| W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    |                             |                 |                                           |                                     |    |
|                                                                                    |                             |                 | H2SO4<br>LOT# S8274050<br>EXP: 10/01/2019 |                                     |    |
| Group: A                                                                           | Bottle Type: P-125ML        | # of Bottles: 2 | Preservative: FILTER-ICE                  | Enter Number of Bottles Sent to Lab | 2  |
| W-PO4-F                                                                            |                             |                 |                                           |                                     |    |
| Group: B                                                                           | Bottle Type: P-1L           | # of Bottles: 1 | Preservative: ICE                         | Enter Number of Bottles Sent to Lab | 1  |
| ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC                   |                             |                 |                                           |                                     |    |

Group: B      Bottle Type: P-1L      # of Bottles: 1      Preservative: ICE      Enter Number of Bottles Sent to Lab 1

W-TDS  
W-TSS

Group: B      Bottle Type: BP-1L      # of Bottles: 1      Preservative: ICE      Enter Number of Bottles Sent to Lab 1

CHLSUITE-W

Group: B      Bottle Type: P-250ML-WO-THI      # of Bottles: 1      Preservative: ICE      Enter Number of Bottles Sent to Lab 1

ECOLI-18QT

Group: B      Bottle Type: P-500ML      # of Bottles: 1      Preservative: ICE And H2SO4      Enter Number of Bottles Sent to Lab 1

W-NH3  
W-NO2NO3  
W-S-A-TP  
W-TKN  
W-TOC

H2SO4  
LOT# SA8274858  
EXP: 10/01/2019

Group: B      Bottle Type: P-125ML      # of Bottles: 1      Preservative: FILTER-ICE      Enter Number of Bottles Sent to Lab 1

W-PO4-F

Group: C      Bottle Type: P-250ML-WO-THI      # of Bottles: 1      Preservative: ICE      Enter Number of Bottles Sent to Lab 1

ECOLI-18QT

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

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

Meter ID: Bio/99v #2

RQ: 2019-02-25-48

Project: SMP

- 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.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

| DO<br>DEP SOP<br>FT 1500 | Name          | Date    | Time<br>CT-ET | Temp  | 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.                  | Blake Spencer | 2/27/19 | 0735          | 20.12 | 9.074                 | 9.07                  | 132.0 | 67.6            | —             | P/F               | L/F               |
| ICV                      | Blake Spencer | 2/27/19 | 0737          | 22.13 | 9.074                 | 9.06                  | 99.9  | 55.5            | —             | P/F               | L/F               |
| CCV                      | Blake Spencer | 2/27/19 | 1442          | 19.31 | 9.220                 | 9.41                  | 102.0 | 59.4            | —             | P/F               | L/F               |
| CCV                      |               |         |               |       |                       |                       |       |                 |               | P/F               | L/F               |

DO Acceptance criteria from Table  $\pm 0.3$  mg/L.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

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.                   | Blake Spencer | 2/27/19 | 0742          | 180221A | 03/2019        | 500                      | 500                              | P/F               | L/F               |
| ICV                       | Blake Spencer | 2/27/19 | 0746          | 180221A | 03/2019        | 500                      | 500                              | P/F               | L/F               |
| CCV                       | Blake Spencer | 2/27/19 | 1448          | 1805F81 | 05/2020        | 100                      | 105                              | 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 | Meter<br>reading<br>SU | mV    | Pass<br>/<br>Fail | Lab<br>/<br>Field |
|--------------------------|---------------|---------|---------------|---------|----------------|--------------------|------------------------|-------|-------------------|-------------------|
| Calibr.                  | Blake Spencer | 2/27/19 | 0754          | 180403C | 10/2019        | 7.0                | 7.00                   | -9.3  | P/F               | L/F               |
| Calibr.                  |               | 2/27/19 | 0800          | 180621D | 7/2019         | 4.0                | 4.00                   | 164.3 | P/F               | L/F               |
| Calibr.                  |               | 2/27/19 | 0804          | 180621F | 01/2020        | 10.0               | 9.99                   | -13.4 | P/F               | L/F               |
| ICV                      |               | 2/27/19 | 0805          | 180621F | 01/2020        | 10.0               | 9.99                   | -15.6 | P/F               | L/F               |
| CCV                      | Blake Spencer | 2/27/19 | 1454          | 180621D | 07/2019        | 4.0                | 4.12                   | 156.7 | P/F               | L/F               |
| CCV                      |               |         |               |         |                |                    |                        |       | P/F               | L/F               |

pH Acceptance criteria  $\pm 0.2$  SU; mV pH 7 Range  $0 \pm 50$ ;

mV pH 4 Range  $+180 \pm 50$ ;

mV pH 10 Range  $-180 \pm 50$ ;

If mV are recorded: slope from 7 to 10 \_\_\_\_\_, slope from 4 to 7 \_\_\_\_\_ (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth 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                         | Blake Spencer | 2/27/19 | 1406          | 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: