



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: **Steinhatchee River 40m N of Yearling Rd**

Date: **2/14/2019**  
(mm/dd/yyyy)

WIN/ Field ID: **G1TLHR0065**

WBID: **3573B**

Latitude: **29.844862**

(Decimal Degrees)

County: **LAFAYETTE**

ORG ID: **21FLTLHR**

Longitude: **-83.30591**

(Decimal Degrees)

Receiving Body of Water: **Gulf of Mexico**

RQ- 2019-02-04-75

| Sampling Team Members                 |  |  |  |  | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|---------------------------------------|--|--|--|--|-----------------|-------------------|---------------|--------------|--------------------|
| <i>Jon Woods</i><br><i>Ben Hudson</i> |  |  |  |  |                 |                   |               |              |                    |
|                                       |  |  |  |  | X               | X                 |               |              |                    |
|                                       |  |  |  |  |                 | X                 | X             | X            |                    |

| Sampling Equipment                                   |                                             |                               |
|------------------------------------------------------|---------------------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Van Dorn           | <input type="checkbox"/> Pole |
| <input type="checkbox"/> Carboy                      | <input checked="" type="checkbox"/> Syringe |                               |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Other              |                               |
| Depth Measured with <i>YSI</i>                       |                                             |                               |
| Equipment ID <i>15477 153484</i>                     |                                             |                               |

| 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 **High** / Flooded Meter ID# *15477 153484* Matrix: **Fresh** / Marine / DI

Photos: Yes **No** Flow: No Flow / Intestinal **Flowing** / NA Tide: Rising/ Falling/ Slack/ NA Tide Times: High Low

| Time Zone | Time | Total Depth (m) | Sample Depth (m) | Secchi Disk (m) | DO (mg/L) | DO (%SAT) | pH   | Salinity (PPT) | Sp COND (µmhos/cm) | Temp. (C°) |
|-----------|------|-----------------|------------------|-----------------|-----------|-----------|------|----------------|--------------------|------------|
| EST       | 1100 | 0.5             | 0.25             | 0.5             | 4.65      | 79.6      | 6.45 | 0.06           | 167                | 11.6       |
| CEN       |      |                 |                  | S               |           |           |      |                |                    |            |

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

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

| 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 | <i>8274050</i> | <i>10/1/19</i> | <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 µm Filter                                                                                                          | <input checked="" type="checkbox"/> Ice                                           |                |                |                                        |
| 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-CH-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<br><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<br><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:

Field/WIN ID → **G1TLHR0065**

Location ↓ **Steinhatchee River 40m N of Yearling Rd**

Signature: *[Signature]* Date: **2/14/19**

LIMS EVENT ID: **TLHR0065-2019-02-14-02**

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT: **2/15/19**

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

**Florida Department of Environmental Protection  
Central Laboratory Submittal Form**

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Eckles

Field Report Prepared By: J. Woods

Collected By: Woods/Hacken

Sampling Agency: 8034

|           |  |                                       |                                     |                                 |      |                 |      |                     |  |
|-----------|--|---------------------------------------|-------------------------------------|---------------------------------|------|-----------------|------|---------------------|--|
| Location  |  | Field/WIN ID →                        |                                     | Collection (comp begin or grab) |      | Composite end   |      | Bottle Group(s)     |  |
| Field ID  |  | Comp                                  | Grab                                | Date                            | Time | Eastern         | Date | Time                |  |
| WIN/STORE |  | <input checked="" type="checkbox"/>   | <input checked="" type="checkbox"/> | 2/14/19                         | 1100 | Central         |      |                     |  |
| Latitude  |  | Matrix (type, e.g., Salt, Fresh, etc) |                                     | Diss. Oxygen                    |      | mg/L            |      | Total Res. Chlorine |  |
|           |  | Temp (C)                              |                                     | pH                              |      | ft              |      | Sp. Conductance     |  |
|           |  | Salinity (ppt)                        |                                     | Comments                        |      | ft              |      | (umho/cm)           |  |
| Location  |  | Collection (comp begin or grab)       |                                     | Composite end                   |      | Bottle Group(s) |      |                     |  |
| Field ID  |  | Comp                                  | Grab                                | Date                            | Time | Eastern         | Date | Time                |  |
| WIN/STORE |  | <input checked="" type="checkbox"/>   | <input checked="" type="checkbox"/> | 2/14/19                         | 1215 | Central         |      |                     |  |
| Latitude  |  | Matrix (type, e.g., Salt, Fresh, etc) |                                     | Diss. Oxygen                    |      | mg/L            |      | Total Res. Chlorine |  |
|           |  | Temp (C)                              |                                     | pH                              |      | ft              |      | Sp. Conductance     |  |
|           |  | Salinity (ppt)                        |                                     | Comments                        |      | ft              |      | (umho/cm)           |  |
| Location  |  | Collection (comp begin or grab)       |                                     | Composite end                   |      | Bottle Group(s) |      |                     |  |
| Field ID  |  | Comp                                  | Grab                                | Date                            | Time | Eastern         | Date | Time                |  |
| WIN/STORE |  | <input checked="" type="checkbox"/>   | <input checked="" type="checkbox"/> | 2/14/19                         | 1205 | Central         |      |                     |  |
| Latitude  |  | Matrix (type, e.g., Salt, Fresh, etc) |                                     | Diss. Oxygen                    |      | mg/L            |      | Total Res. Chlorine |  |
|           |  | Temp (C)                              |                                     | pH                              |      | ft              |      | Sp. Conductance     |  |
|           |  | Salinity (ppt)                        |                                     | Comments                        |      | ft              |      | (umho/cm)           |  |
| Location  |  | Collection (comp begin or grab)       |                                     | Composite end                   |      | Bottle Group(s) |      |                     |  |
| Field ID  |  | Comp                                  | Grab                                | Date                            | Time | Eastern         | Date | Time                |  |
| WIN/STORE |  | <input checked="" type="checkbox"/>   | <input checked="" type="checkbox"/> | 2/14/19                         | 1205 | Central         |      |                     |  |
| Latitude  |  | Matrix (type, e.g., Salt, Fresh, etc) |                                     | Diss. Oxygen                    |      | mg/L            |      | Total Res. Chlorine |  |
|           |  | Temp (C)                              |                                     | pH                              |      | ft              |      | Sp. Conductance     |  |
|           |  | Salinity (ppt)                        |                                     | Comments                        |      | ft              |      | (umho/cm)           |  |
| Location  |  | Collection (comp begin or grab)       |                                     | Composite end                   |      | Bottle Group(s) |      |                     |  |
| Field ID  |  | Comp                                  | Grab                                | Date                            | Time | Eastern         | Date | Time                |  |
| WIN/STORE |  | <input checked="" type="checkbox"/>   | <input checked="" type="checkbox"/> | 2/14/19                         | 1205 | Central         |      |                     |  |
| Latitude  |  | Matrix (type, e.g., Salt, Fresh, etc) |                                     | Diss. Oxygen                    |      | mg/L            |      | Total Res. Chlorine |  |
|           |  | Temp (C)                              |                                     | pH                              |      | ft              |      | Sp. Conductance     |  |
|           |  | Salinity (ppt)                        |                                     | Comments                        |      | ft              |      | (umho/cm)           |  |
| Location  |  | Collection (comp begin or grab)       |                                     | Composite end                   |      | Bottle Group(s) |      |                     |  |
| Field ID  |  | Comp                                  | Grab                                | Date                            | Time | Eastern         | Date | Time                |  |
| WIN/STORE |  | <input checked="" type="checkbox"/>   | <input checked="" type="checkbox"/> | 2/14/19                         | 1205 | Central         |      |                     |  |
| Latitude  |  | Matrix (type, e.g., Salt, Fresh, etc) |                                     | Diss. Oxygen                    |      | mg/L            |      | Total Res. Chlorine |  |
|           |  | Temp (C)                              |                                     | pH                              |      | ft              |      | Sp. Conductance     |  |
|           |  | Salinity (ppt)                        |                                     | Comments                        |      | ft              |      | (umho/cm)           |  |
| Location  |  | Collection (comp begin or grab)       |                                     | Composite end                   |      | Bottle Group(s) |      |                     |  |
| Field ID  |  | Comp                                  | Grab                                | Date                            | Time | Eastern         | Date | Time                |  |
| WIN/STORE |  | <input checked="" type="checkbox"/>   | <input checked="" type="checkbox"/> | 2/14/19                         | 1205 | Central         |      |                     |  |
| Latitude  |  | Matrix (type, e.g., Salt, Fresh, etc) |                                     | Diss. Oxygen                    |      | mg/L            |      | Total Res. Chlorine |  |
|           |  | Temp (C)                              |                                     | pH                              |      | ft              |      | Sp. Conductance     |  |
|           |  | Salinity (ppt)                        |                                     | Comments                        |      | ft              |      | (umho/cm)           |  |

|                     |                    |                     |                              |                          |                         |
|---------------------|--------------------|---------------------|------------------------------|--------------------------|-------------------------|
| Relinquished By: JW | Date/Time: 2/14/19 | Shipping Method: HD | Number of Coolers Shipped: 1 | Received By: [Signature] | Date/Time: 2/14/19 1500 |
|---------------------|--------------------|---------------------|------------------------------|--------------------------|-------------------------|

|          |              |                |                 |               |               |                                              |
|----------|--------------|----------------|-----------------|---------------|---------------|----------------------------------------------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____    |
|          | ALKALINITY   |                |                 |               |               |                                              |
|          | TURBIDITY    |                |                 |               |               |                                              |
|          | W-BR-IC      |                |                 |               |               |                                              |
|          | W-F          |                |                 |               |               |                                              |
|          | W-TSS        |                |                 |               |               |                                              |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____    |
|          | CHLSUTE-W    |                |                 |               |               |                                              |
| Group: A | Bottle Type: | P-250ML-WO-THI | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____    |
|          | ENT-24-QT    |                |                 |               |               |                                              |
| Group: A | Bottle Type: | P-250ML-WO-THI | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____    |
|          | FCOLI-MF     |                |                 |               |               |                                              |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab _____    |
|          | W-ICP        |                |                 |               |               |                                              |
|          | W-ICPMS      |                |                 |               |               |                                              |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____    |
|          | W-NH3        |                |                 |               |               |                                              |
|          | W-NO2NO3     |                |                 |               |               |                                              |
|          | W-S-A-TP     |                |                 |               |               |                                              |
|          | W-TKN        |                |                 |               |               |                                              |
|          | W-TOC        |                |                 |               |               |                                              |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 2 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab _____    |
|          | W-PO4-F      |                |                 |               |               |                                              |
| Group: B | Bottle Type: | P-1L           | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab <u>2</u> |
|          | ALKALINITY   |                |                 |               |               |                                              |
|          | TURBIDITY    |                |                 |               |               |                                              |
|          | W-CL-IC      |                |                 |               |               |                                              |
|          | W-COLOR      |                |                 |               |               |                                              |
|          | W-F          |                |                 |               |               |                                              |
|          | W-SO4-IC     |                |                 |               |               |                                              |
|          | W-TDS        |                |                 |               |               |                                              |
|          | W-TSS        |                |                 |               |               |                                              |
| Group: B | Bottle Type: | BP-1L          | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab <u>2</u> |

|          |                                                                                                    |                |                 |                             |                           |                                     |   |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------------------|---------------------------|-------------------------------------|---|
| Group: B | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 2 | Preservative:               | ICE                       | Enter Number of Bottles Sent to Lab | 2 |
| Group: B | Bottle Type:<br>ECOLI-18QT                                                                         | P-250ML-WO-THI | # of Bottles: 2 | Preservative:               | ICE                       | Enter Number of Bottles Sent to Lab | 2 |
| Group: B | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    | P-500ML        | # of Bottles: 2 | Preservative: ICE And H2SO4 | <del>ICE</del><br>8274050 | Enter Number of Bottles Sent to Lab | 2 |
| Group: B | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 2 | Preservative: FILTER-ICE    |                           | Enter Number of Bottles Sent to Lab | 2 |
| Group: C | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L           | # of Bottles: 1 | Preservative:               | ICE                       | Enter Number of Bottles Sent to Lab | 1 |
| Group: C | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 1 | Preservative:               | ICE                       | Enter Number of Bottles Sent to Lab | 1 |
| Group: C | Bottle Type:<br>ECOLI-18QT                                                                         | P-250ML-WO-THI | # of Bottles: 1 | Preservative:               | ICE                       | Enter Number of Bottles Sent to Lab | 1 |
| Group: C | Bottle Type:<br>W-ICP<br>W-ICPMS                                                                   | P-500ML        | # of Bottles: 1 | Preservative: HNO3          | 8197080                   | Enter Number of Bottles Sent to Lab | 1 |
| Group: C | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN                                             | P-500ML        | # of Bottles: 1 | Preservative: ICE And H2SO4 |                           | Enter Number of Bottles Sent to Lab | 1 |

|          |                                                                                                    |                |                 |                                        |                                     |   |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|----------------------------------------|-------------------------------------|---|
| Group: C | Bottle Type:<br>W-TOC                                                                              | P-500ML        | # of Bottles: 1 | Preservative: ICE And H2SO4<br>8874050 | Enter Number of Bottles Sent to Lab | / |
| Group: C | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 1 | Preservative: FILTER-ICE               | Enter Number of Bottles Sent to Lab | / |
| Group: D | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L           | # of Bottles: 1 | Preservative: ICE                      | Enter Number of Bottles Sent to Lab | / |
| Group: D | Bottle Type:<br>ECOL-18QT                                                                          | P-250ML-WO-THI | # of Bottles: 1 | Preservative: ICE                      | Enter Number of Bottles Sent to Lab |   |
| Group: D | Bottle Type:<br>W-ICP<br>W-ICPMS                                                                   | P-500ML        | # of Bottles: 1 | Preservative: HNO3                     | Enter Number of Bottles Sent to Lab |   |
| Group: D | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    | P-500ML        | # of Bottles: 1 | Preservative: ICE And H2SO4            | Enter Number of Bottles Sent to Lab |   |
| Group: D | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 1 | Preservative: FILTER-ICE               | Enter Number of Bottles Sent to Lab |   |

# 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: 153484

RQ- 2019-02-04-75

Project: SMP1900

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 01/19

| DO DEP SOP FT 1500 | Name       | Date     | Time CT-ET | Temp °C | Baro-meter mmHg | D.O. Chart mg/L | Meter D.O. mg/L | % DO  | Probe Charge | Probe Gain | Pass / Fail | Lab / Field |
|--------------------|------------|----------|------------|---------|-----------------|-----------------|-----------------|-------|--------------|------------|-------------|-------------|
| Calibr.            | Ben Harden | 02/14/19 | 0753       | 20.6    | 761.1           | 9.00            | 9.00            | 100.1 |              | 1.0346     | P/F         | D/F         |
| ICV                | "          | "        | 0805       | 19.6    | 761.1           | 9.18            | 9.17            | 100.1 |              |            | P/F         | D/F         |
| CCV                | "          | "        | 1504       | 18.7    | 758.4           | 9.33            | 9.41            | 100.9 |              |            | P/F         | D/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. Cond. FT 1200 | Name       | Date     | Time CT-ET | Lot #   | Expir. Date | Standard $\mu$ mhos/cm | Meter Reading $\mu$ mhos/cm | Pass / Fail | Lab / Field |
|---------------------|------------|----------|------------|---------|-------------|------------------------|-----------------------------|-------------|-------------|
| Calibr.             | Ben Harden | 02/14/19 | 0755       | 180621C | 07/19       | 1000                   | 1001                        | P/F         | D/F         |
| ICV                 | "          | "        | 0756       | 1805F81 | 05/20       | 100                    | 100.8                       | P/F         | D/F         |
| CCV                 | "          | "        | 1505       | 180621C | 07/19       | 1000                   | 996                         | P/F         | D/F         |
| CCV                 |            |          |            |         |             |                        |                             | P/F         | L/F         |

Conductivity Acceptance criteria  $\pm 5\%$

| pH DEP SOP FT 1100 | Name       | Date     | Time CT-ET | Lot #   | Expir. Date | pH Buffer SU | Temp °C | Meter reading SU | mV     | Pass / Fail | Lab / Field |
|--------------------|------------|----------|------------|---------|-------------|--------------|---------|------------------|--------|-------------|-------------|
| Calibr.            | Ben Harden | 02/14/19 | 0759       | 180403C | 10/19       | 7.03         | 18.9    | 7.02             | -32.2  | P/F         | D/F         |
| Calibr.            | "          | "        | 0801       | 180621D | 07/19       | 4.00         | 18.1    | 4.00             | 144.9  | P/F         | D/F         |
| Calibr.            | "          | "        | 0802       | 180621F | 01/20       | 10.09        | 17.8    | 10.09            | -192.7 | P/F         | D/F         |
| ICV                | "          | "        | 0804       | "       | "           | 10.08        | 18.1    | 10.07            | -192.1 | P/F         | D/F         |
| CCV                | "          | "        |            | 180621D | 07/19       | 4.00         | 19.2    | 4.14             | 140.4  | P/F         | D/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 10 160.5, slope from 4 to 7 177.1 (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: 01/19

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

| Depth Sensor (Daily Calibration & ICV) | Name       | Date     | Time CT-ET | Calibrated Value (0.00 or Offset), meters | ICV Value, meters | Pass / Fail | Lab / Field |
|----------------------------------------|------------|----------|------------|-------------------------------------------|-------------------|-------------|-------------|
| Pressure mode in air                   | Ben Harden | 02/14/19 | 0751       | 0.272                                     | 0.272             | P/F         | D/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:

