

# 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: 155072

RQ- 2021-06-21-22

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.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 6/1/21

| 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>S. Hode</u>    | <u>6/15/21</u> | <u>0711</u>   | <u>26.8</u> | <u>759.3</u>           | <u>8.0</u>            | <u>8.00</u>           | <u>100.0</u> | <u>-</u>        | <u>-</u>      | <u>P</u> F     | <u>L</u> F     |
| ICV                      | <u>S. Hode</u>    | <u>6/15/21</u> | <u>0713</u>   | <u>26.8</u> | <u>759.3</u>           | <u>8.0</u>            | <u>8.01</u>           | <u>100.2</u> | <u>-</u>        | <u>-</u>      | <u>P</u> F     | <u>L</u> F     |
| CCV                      | <u>H. Schmitz</u> | <u>6/15/21</u> | <u>1400</u>   | <u>23.1</u> | <u>758.7</u>           | <u>8.6</u>            | <u>8.51</u>           | <u>99.7</u>  |                 |               | <u>P</u> F     | <u>L</u> 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>umhos/cm | Meter<br>Reading<br>umhos/cm | Pass<br>/ Fail | Lab<br>/ Field |
|---------------------------|-------------------|----------------|---------------|----------------|----------------|----------------------|------------------------------|----------------|----------------|
| Calibr.                   | <u>S. Hode</u>    | <u>6/15/21</u> | <u>0715</u>   | <u>210330B</u> | <u>04/2022</u> | <u>5000</u>          | <u>7000</u>                  | <u>P</u> F     | <u>L</u> F     |
| ICV                       | <u>S. Hode</u>    | <u>6/15/21</u> | <u>0717</u>   | <u>210525C</u> | <u>06/2022</u> | <u>1000</u>          | <u>999</u>                   | <u>P</u> F     | <u>L</u> F     |
| CCV                       | <u>H. Schmitz</u> | <u>6/15/21</u> | <u>1400</u>   | <u>201013A</u> | <u>10/2021</u> | <u>106</u>           | <u>100.1</u>                 | <u>P</u> F     | <u>L</u> F     |
| CCV                       |                   |                |               |                |                |                      |                              | P / F          | L / F          |

Conductivity Acceptance criteria  $\pm 5\%$

| pH<br>DEP SOP<br>FT 1100 | Name              | Date           | Time<br>CT-ET | Lot #         | Expir.<br>Date | pH<br>Buffer<br>SU | Temp<br>°C  | Meter<br>reading<br>SU | mV            | Pass<br>/ Fail | Lab<br>/ Field |
|--------------------------|-------------------|----------------|---------------|---------------|----------------|--------------------|-------------|------------------------|---------------|----------------|----------------|
| Calibr.                  | <u>S. Hode</u>    | <u>6/15/21</u> | <u>0719</u>   | <u>202114</u> | <u>05/2022</u> | <u>7.</u>          | <u>26.3</u> | <u>7.00</u>            | <u>-46.0</u>  | <u>P</u> F     | <u>L</u> F     |
| Calibr.                  | <u>S. Hode</u>    | <u>6/15/21</u> | <u>0721</u>   | <u>205283</u> | <u>10/2022</u> | <u>4.</u>          | <u>25.9</u> | <u>4.01</u>            | <u>139.8</u>  | <u>P</u> F     | <u>L</u> F     |
| Calibr.                  | <u>S. Hode</u>    | <u>6/15/21</u> | <u>0723</u>   | <u>201473</u> | <u>05/2022</u> | <u>10.</u>         | <u>26.5</u> | <u>9.98</u>            | <u>-219.6</u> | <u>P</u> F     | <u>L</u> F     |
| ICV                      | <u>S. Hode</u>    | <u>6/15/21</u> | <u>0725</u>   | <u>205283</u> | <u>10/2022</u> | <u>4.0</u>         | <u>25.9</u> | <u>4.00</u>            | <u>139.9</u>  | <u>P</u> F     | <u>L</u> F     |
| CCV                      | <u>H. Schmitz</u> | <u>6/15/21</u> | <u>1402</u>   | <u>202114</u> | <u>05/2022</u> | <u>7</u>           | <u>21.3</u> | <u>7.16</u>            | <u>-50.8</u>  | <u>P</u> F     | <u>L</u> 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 10 178.0, slope from 4 to 7 180.9 (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: 6/1/21

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>S. Hode</u> | <u>6/15/21</u> | <u>0726</u>   | <u>0.000</u>                                    | <u>0.000</u>         | <u>P</u> F    | <u>L</u> F    |

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

COMMENTS:

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 6/15/2021  
**Collected By:** Heather Schmuki, Christopher Stopher Slade  
**Customer:** NW-DIST  
**Sampling Agency:** FDEP  
**RQ:** RQ-2021-06-21-22  
**Project ID:** SMP

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

**Number of Coolers Shipped:** 1

**Delivery Method:** FedEx

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

| Site Location       | Field ID/WIN ID                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------|
| Locklin Lake Center | <br>G4NW0437      |
| Lake Stone Center   | <br>G4NW0426      |
| FB                  | <br>FB_06152021 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME:

6/15/202106/15/21  
12:00CEN

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

**Rec'd/Inspected Date:**



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End

of Day CCV

☒ Yes / No

WIN Station Name: Locklin Lake Center

Date: 6/15/2021

WIN/Field ID: G4NW0437

WBID: 24AF

ENR:

Latitude: 30.62786

County: SANTA ROSA

Org ID: 21FLPNS

Longitude: -87.04862811

Receiving Body of Water: Pensacola

RQ: 2021-06-21-22

| Sampling Team Members               |                           | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|---------------------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Heather Schmuki           | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Christopher Stopher Slade |                 | x                 |               | x            | x                  |
| <input type="checkbox"/>            |                           |                 |                   |               |              |                    |
| <input type="checkbox"/>            |                           |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                                 |
|------------------------------------------------------|-------------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Carboy                 |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Van Dorn               |
| <input checked="" type="checkbox"/> Syringe          | <input type="checkbox"/> Pole                   |
| Depth measured with: Meter                           |                                                 |
| Secchi Equipment ID:                                 |                                                 |
| Collection Method                                    |                                                 |
| <input type="checkbox"/> Wading                      | <input checked="" 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: <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# 155077 (PRODSS)         |                                                                  |
| Photos: NA                                                                                                                                                                                                       |  | Flow: NA                                 |                             | Tide:                        |                              | Tide Times: High: Low:            |                                                                  |
| Biological Samples Collected:                                                                                                                                                                                    |  | <input checked="" type="checkbox"/> None | <input type="checkbox"/> HA | <input type="checkbox"/> SCI | <input type="checkbox"/> RPS | <input type="checkbox"/> Algae ID | <input type="checkbox"/> LVS <input type="checkbox"/> LVI Other: |
| SBIO ID Numbers:                                                                                                                                                                                                 |  |                                          |                             |                              |                              |                                   |                                                                  |
| Notes:                                                                                                                                                                                                           |  |                                          |                             |                              |                              |                                   |                                                                  |

## Duplicate Sample

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

## Blank

|                         |       |                    |                      |
|-------------------------|-------|--------------------|----------------------|
| Time Zone:              | Time: | Field ID:          | (Blank Type_DDDMMYY) |
| 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: QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets Migrate Data to WIN: Verify Data In WIN:



RQ-2021-06-21-22

Customer: WQAP

Project ID: SMP

Collected By: Heather Schmuki, Christopher Stopher Slade

Field Report Prepared By: Heather Schmuki

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G4NW0437

Location: Locklin Lake Center

Comments:

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

| Date      | Time       | DO (mg/L) | DO (%SAT) | Temp. (C°) | pH   | Sample Depth (m) | Secchi Disk (m)                                   | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|-----------|------------|-----------|-----------|------------|------|------------------|---------------------------------------------------|-----------------|--------------------|----------------|
| 6/15/2021 | 850<br>CEN | 4.47      | 55.7      | 26.7       | 5.46 | 0.3              | 1.4<br><input type="checkbox"/> VOB (S)           | 1.7             | 44.5               | 0.02           |
|           | 855<br>CEN | 0.13      | 1.6       | 23.6       | 5.46 | 1.2              | Central Lab please use top row for login purposes |                 | 54.3               | 0.02           |

| 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 # 0293040 Exp: 10/19/21                                                                                                                                                                               | <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 # 17097890<br>Syringe Lot # 0079929                                                                                                                              | <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 checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                                              | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | B            |
| Physical/Aggregate (Marine) (P-1L) | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                                      | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Macroinvertebrates (PJ-2L)         | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                          | <input type="checkbox"/> Formalin                                                  |                                        |                       |              |
| Periphyton (PT-50ML)               | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                            | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Microbiology (Contract Lab Bottle) | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab                                                                                                                                                | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| 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)      | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-TQ-R <input type="checkbox"/> W-CARB-AA ( 5 ml of MCAA** Buffer Solution) <input type="checkbox"/> W-DIELDRIN | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Phytoplankton/Periphyton           | DTM-QL-C PEN-QL-C DTY-QN-C PKD-QN-C<br>DTM-QN-C PRN-QN-C PKD-QN-BV                                                                                                                                                                                                                           | <input type="checkbox"/> Ice                                                       |                                        |                       |              |

Name:  
Heather Schmuki  
Christopher Stopher Slade

Signature:

Date:

6/15/21

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End  
of Day CCV  
☒ Yes / ☐ No

**WIN Station Name:** Lake Stone Center **Date:** 6/15/2021  
**WIN/Field ID:** G4NW0426 **WBID:** 25A **ENR:** **Latitude:** 30.96517  
**County:** ESCAMBIA **Org ID:** 21FLPNS **Longitude:** -87.290567  
**Receiving Body of Water:** Pensacola **RQ:** 2021-06-21-22

| Sampling Team Members               |                           | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|-------------------------------------|---------------------------|-----------------|-------------------|---------------|--------------|--------------------|
| <input checked="" type="checkbox"/> | Heather Schmuki           | x               |                   | x             |              |                    |
| <input checked="" type="checkbox"/> | Christopher Stopher Slade |                 | x                 |               | x            | x                  |
| <input type="checkbox"/>            |                           |                 |                   |               |              |                    |
| <input type="checkbox"/>            |                           |                 |                   |               |              |                    |

| Sampling Equipment                                   |                                                    |
|------------------------------------------------------|----------------------------------------------------|
| <input checked="" type="checkbox"/> Sample Container | <input type="checkbox"/> Carboy                    |
| <input type="checkbox"/> Dipper                      | <input type="checkbox"/> Van Dorn                  |
| <input checked="" 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 checked="" type="checkbox"/> Electric Motor |
| <input type="checkbox"/> Other                       | <input 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> 155077 (PRODSS) |  |  |  |  |  |
| <b>Photos:</b> NO                                                                                                                                                                                                                                                      |  | <b>Flow:</b> NA |  | <b>Tide:</b> |  | <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> CEN       | <b>Time:</b> | <b>Field ID:</b> N/A | (WIN ID_DUP) |
| <b>WIN DMT Activity ID:</b> |              |                      |              |

## Blank

|                                         |                   |                                  |                       |
|-----------------------------------------|-------------------|----------------------------------|-----------------------|
| <b>Time Zone:</b> CEN                   | <b>Time:</b> 1035 | <b>Field ID:</b> FB_06152021     | (Blank Type_DDDMMYYY) |
| <b>DI Source:</b> Pns lab               |                   | <b>Location:</b> Lake Stone      |                       |
| <b>DI Type:</b> Field Blank             |                   | <b>Equipment ID:</b>             |                       |
| <b>DI Container (Name/ID):</b> Nwroc IV |                   | <b>DI Container Type:</b> CARBOY |                       |

**LIMS EVENT ID:** **WIN Import ID:**  
**Enter Field Parameters, Verify Station ID In LIMS DMT:** **QC Station ID, Field Parameters In LIMS DMT:**  
(Initials/Date) (Initials/Date)  
**Scan/Save Field Sheets** **Migrate Data to WIN:** **Verify Data In WIN:**  
(Initials/Date) (Initials/Date) (Initials/Date)



RQ-2021-06-21-22

Customer: WQAP

Project ID: SMP

Collected By: Heather Schmuki, Christopher Stopher Slade

Field Report Prepared By: Heather Schmuki

Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID:



G4NW0426

Location: Lake Stone Center

Comments:

Matrix: Fresh

(Check one)

☒ GRAB☐ COMPOSITE

| Date      | Time        | DO (mg/L) | DO (%SAT) | Temp. (C°) | pH   | Sample Depth (m) | Secchi Disk (m)                                   | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|-----------|-------------|-----------|-----------|------------|------|------------------|---------------------------------------------------|-----------------|--------------------|----------------|
| 6/15/2021 | 1020<br>CEN | 7.53      | 102.4     | 31.3       | 6.57 | 0.3              | 2.2<br><input type="checkbox"/> VOB (S)           | 3.5             | 27.9               | 0.01           |
|           | 1023        | 6.98      | 92.4      | 30         | 6.38 | 2                | Central Lab please use top row for login purposes |                 | 27.8               | 0.01           |
|           | 1025<br>CEN | 2         | 25.4      | 27.6       | 5.83 | 3                |                                                   |                 | 29.6               | 0.01           |

| 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 # 0293040 Exp: 10/19/21                                                                                                                                                                              | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4* | <input checked="" type="checkbox"/> <2 | 1                     | A            |
| Metals (P-500ML)                   | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP <input checked="" type="checkbox"/> W-HARD<br>Lot # 0344060 Exp: 1/4/22                                                                                                                               | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> HNO3*  | <input checked="" type="checkbox"/> <2 | 1                     | A            |
| Filtered Nutrients (P125ML)        | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter<br>Filter Lot # 17097890<br>Syringe Lot # 0079929                                                                                                                             | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Chlorophyll (BP-1L)                | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                              | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Physical/Aggregate (Fresh) (P-1L)  | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS                                                                                                                                                                             | <input checked="" type="checkbox"/> Ice                                            |                                        | 1                     | A            |
| Physical/Aggregate (Marine) (P-1L) | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                                                                                                                                                                     | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Macroinvertebrates (PJ-2L)         | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                         | <input type="checkbox"/> Formalin                                                  |                                        |                       |              |
| Periphyton (PT-50ML)               | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                           | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Microbiology (Contract Lab Bottle) | <input type="checkbox"/> E Coli <input type="checkbox"/> F Coli <input type="checkbox"/> Enterococci<br><input type="checkbox"/> Contract Lab                                                                                                                                               | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| 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)      | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R<br><input type="checkbox"/> W-PCL-TQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution) <input type="checkbox"/> W-DIELDRIN | <input type="checkbox"/> Ice                                                       |                                        |                       |              |
| Phytoplankton/Periphyton           | DTM-QL-C <input type="checkbox"/> PEN-QL-C <input type="checkbox"/> DTY-QN-C <input type="checkbox"/> PKD-QN-C<br>DTM-QN-C <input type="checkbox"/> PRN-QN-C <input type="checkbox"/> PKD-QN-BV                                                                                             | <input type="checkbox"/> Ice                                                       |                                        |                       |              |

Name:  
Heather Schmuki  
Christopher Stopher Slade

Signature:

Date:

6/15/21

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution



RQ- 2021-06-21-22

Customer: WQAP

Project ID: SMP

Collected By: Heather Schmuki, Christopher Stopher Slade

Field Report Prepared By: Heather Schmuki, Christopher Stopher Slade

Sampling Agency: FDEP

## BLANK



Field ID: FB\_06152021

Comments:

Matrix: Field Blank

(Check one) ☐ COMPOSITE ☒ GRAB

Date

Time

DI Source: Pns lab

6/15/2021

1035

CEN

| Parameter Suite                                    | Parameter Methods                                                                                                                            | Preservation                                                                      | pH Check                               | # Bottles sent to Lab | Bottle Group |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------|-----------------------|--------------|
| <b>Preserved Nutrients (P-500ML)</b>               | <input checked="" type="checkbox"/> W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                              | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | <input type="checkbox"/> <2            | 1                     | C            |
|                                                    | Lot # 0293040 Exp: 10/19/21                                                                                                                  |                                                                                   |                                        |                       |              |
| <b>Metals (P-500ML)</b>                            | <input checked="" type="checkbox"/> W-ICPMS <input checked="" type="checkbox"/> W-ICP                                                        | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | <input checked="" type="checkbox"/> <2 | 1                     | C            |
|                                                    | Lot # 0344060 Exp: 1/4/22                                                                                                                    |                                                                                   |                                        |                       |              |
| <b>Filtered Nutrients (P125ML)</b>                 | <input checked="" type="checkbox"/> W-PO4-F Filter <input checked="" type="checkbox"/> Field Filtered 0.45 µm                                | <input checked="" type="checkbox"/> Ice                                           |                                        | 1                     | C            |
|                                                    | Filter Lot # 17097890                                                                                                                        |                                                                                   |                                        |                       |              |
|                                                    | Syringe Lot # 0079929                                                                                                                        |                                                                                   |                                        |                       |              |
| <b>Physical/Aggregate (Fresh) (P-1L)</b>           | <input checked="" type="checkbox"/> Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-IC / TDS                         | <input checked="" type="checkbox"/> Ice                                           |                                        | 1                     | C            |
| <b>Physical/Aggregate (Marine) (P-1L)</b>          | <input type="checkbox"/> Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                      | <input type="checkbox"/> Ice                                                      |                                        |                       |              |
| <b>Tracers (BG-500ML)</b>                          | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                      | <input type="checkbox"/> Ice                                                      |                                        |                       |              |
| <b>Pesticides (BG-500ML) (BG-1L)</b>               | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R | <input type="checkbox"/> Ice                                                      |                                        |                       |              |
|                                                    | <input type="checkbox"/> W-PCL-TQ-R <input type="checkbox"/> W-CARB-AA (5 ml of MCAA** Buffer Solution) <input type="checkbox"/> W-DIELDIN   |                                                                                   |                                        |                       |              |
|                                                    |                                                                                                                                              |                                                                                   |                                        |                       |              |
| Name: Heather Schmuki<br>Christopher Stopher Slade |                                                                                                                                              | Signature: <i>Heather Schmuki</i>                                                 |                                        | Date: 6/15/21         |              |

\*2.0 ml of Preservative used unless noted otherwise.

\*\*MCAA: Monochloroacetic acid buffer solution