

# **CALIBRATION and Continuing Calibration 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: QD03629 1-6-06 version

Date 9/15/11 Calibration Time (Pre Sample): 12:30 Post Sample Time: 10:00 on 9/16/11

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

## **Temperature (Monthly)**

Date of Last Temperature Verification \_\_\_\_\_

Pass or Fail  
P F

Ice Bath: Probe \_\_\_\_\_ °C NIST \_\_\_\_\_ °C Warm Bath: Probe \_\_\_\_\_ °C NIST \_\_\_\_\_ °C

## **Dissolved Oxygen**

In Calibrate Mode

Initial Reading: 7.72 mg/L @ Temp. 27.94 °C % DO 98.6 P F

Calibrated Reading: 7.87 mg/L @ Temp. 27.64 °C % DO 100.0 P F

Initial Calib. Verification: 7.76 mg/L @ Temp. 28.02 °C % DO 99.2 P F

Continuing Calib. Verification 8.45 mg/L @ Temp. 25.01 °C % DO 102.3 P F

## **Specific Conductance**

|                                | Exp. Date    | Lot #          | Standard                | Initial Reading        | Calibrated Reading     |            |
|--------------------------------|--------------|----------------|-------------------------|------------------------|------------------------|------------|
| In Calibrate Mode Calibration: | <u>02/12</u> | <u>2008438</u> | <u>1000</u><br>μmhos/cm | <u>993</u><br>μmhos/cm | <u>999</u><br>μmhos/cm | <u>P</u> F |

|                                         |              |                |                        |                        |  |            |
|-----------------------------------------|--------------|----------------|------------------------|------------------------|--|------------|
| Pre Sample Initial Calib. Verification: | <u>09/12</u> | <u>2103755</u> | <u>100</u><br>μmhos/cm | <u>100</u><br>μmhos/cm |  | <u>P</u> F |
|-----------------------------------------|--------------|----------------|------------------------|------------------------|--|------------|

|                                            |              |                |                         |                         |  |            |
|--------------------------------------------|--------------|----------------|-------------------------|-------------------------|--|------------|
| Post Sample Continuing Calib. Verification | <u>02/12</u> | <u>2008438</u> | <u>1000</u><br>μmhos/cm | <u>1013</u><br>μmhos/cm |  | <u>P</u> F |
|--------------------------------------------|--------------|----------------|-------------------------|-------------------------|--|------------|

## **pH**

| Standard             | Exp. Date    | Lot #         | Initial Reading | Temperature     | Calibrated Reading | Temperature     |            |
|----------------------|--------------|---------------|-----------------|-----------------|--------------------|-----------------|------------|
| Initial Calibration: |              |               |                 |                 |                    |                 |            |
| 7.00 SU              | <u>11/11</u> | <u>096106</u> | <u>6.98</u> SU  | <u>27.22</u> °C | <u>7.00</u> SU     | <u>27.21</u> °C | <u>P</u> F |

|                                   |              |               |                 |                 |  |  |            |
|-----------------------------------|--------------|---------------|-----------------|-----------------|--|--|------------|
| Initial Calibration Verification: |              |               |                 |                 |  |  |            |
| Pre Sample                        | <u>11/12</u> | <u>107444</u> | <u>10.10</u> SU | <u>26.65</u> °C |  |  | <u>P</u> F |

|                                      |              |               |                |                 |  |  |            |
|--------------------------------------|--------------|---------------|----------------|-----------------|--|--|------------|
| Continuing Calibration Verification: |              |               |                |                 |  |  |            |
| Post Sample                          | <u>11/11</u> | <u>096106</u> | <u>7.00</u> SU | <u>23.04</u> °C |  |  | <u>P</u> F |

## **Maintenance**

Notes:

Specific Conductance Probe Cleaned? Y N  
Dissolved Oxygen Membrane Changed? Y N

Site ID: Ich-Trace Study  
Project: SP261107

Laura Hester

Print name of person performing calibrations.

Acceptance Criteria: (DO ±0.3mg/l) (Specific Conductance ± 5%) (pH ± 0.2SU) (Temperature ±0.2°C) Warm bath Appx. 40°C