

# **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: 2000976-Q100970 1-6-06 version

Date 10/19/09 Calibration Time (Pre Sample): 13:52 Post Sample Time: 17:15

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

Temperature (Monthly)

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

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

Pass or Fail  
P F

## **Dissolved Oxygen**

In Calibrate Mode

Initial Reading: 8.45 mg/L @ Temp. 28.91 °C % DO 110.7 P ☒ F

Calibrated Reading: 7.71 mg/L @ Temp. 29.18 °C % DO 101.1 P ☒ F

Pre Sample Initial Calib. Verification: 7.53 mg/L @ Temp. 29.09 °C % DO 98.3 P ☒ F

Post Sample Continuing Calib. Verification 8.93 mg/L @ Temp. 21.83 °C % DO 101.7 P ☒ F

## **Specific Conductance**

|                                             | Exp. Date    | Lot #          | Standard    | Initial Reading | Calibrated Reading |                                      |
|---------------------------------------------|--------------|----------------|-------------|-----------------|--------------------|--------------------------------------|
| In Calibrate Mode Calibration:              | <u>01/11</u> | <u>2907738</u> | <u>1000</u> | <u>997</u>      | <u>1001</u>        | P <input checked="" type="radio"/> F |
| Pre Sample Initial Calib. Verification:     | <u>02/11</u> | <u>2908330</u> | <u>100</u>  | <u>103</u>      |                    | P <input checked="" type="radio"/> F |
| Post Sample Continuing Calib. Verification: | <u>02/11</u> | <u>2908330</u> | <u>100</u>  | <u>101</u>      |                    | P <input checked="" type="radio"/> F |

## **pH**

| Standard | Exp. Date    | Lot #         | Initial Reading | Temperature     | Calibrated Reading | Temperature     |                                      |
|----------|--------------|---------------|-----------------|-----------------|--------------------|-----------------|--------------------------------------|
| 7.00 SU  | <u>04/10</u> | <u>082161</u> | <u>6.99</u>     | <u>15.59</u> °C | <u>7.00</u>        | <u>15.80</u> °C | P <input checked="" type="radio"/> F |

Initial Calibration Verification:

In Read Mode

Pre Sample 10.60 SU 07/10 083289 10.18 SU 16.23 °C P ☒ F

Continuing Calibration Verification:

Post Sample 10.00 SU 07/10 083289 10.19 SU 20.04 °C P ☒ F

## **Maintenance**

Specific Conductance Probe Cleaned? Y ☒ N

Notes:

Dissolved Oxygen Membrane Changed? Y ☒ N

opened new Sp Cond 1000 lot # 2907738 exp. 2/11

Site ID: Wacissa

Project: SPR60910

Laura Hester

Print name of person performing calibrations.

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

- DO membrane changed after sampling 10/19/09

- Cap buoy cleaned w/ liquinox on 10/19/09