

# CALIBRATION and Continuing Calibration LOG

(FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: QD03586-Q05429

1-6-06 version

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

Date 5/5/11 Calibration Time (Pre Sample): 12:56 Post Sample Time: 16:11

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

Temperature (Monthly)

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

Pass or Fail

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

P F

## Dissolved Oxygen

In Calibrate Mode

Initial Reading:

8.74 mg/L @ Temp. 23.36 °C % DO 102.6 P F

Calibrated Reading:

8.38 mg/L @ Temp. 23.75 °C % DO 99.2 P F

Pre Sample

Initial Calib. Verification:

8.43 mg/L @ Temp. 23.55 °C % DO 99.6 P F

Post Sample

Continuing Calib. Verification

7.31 mg/L @ Temp. 30.68 °C % DO 97.9 P F

## Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date 02/12 Lot # 2008438 Standard 1000 Initial Reading 970 Calibrated Reading 1003 P F  
μmhos/cm μmhos/cm μmhos/cm

Pre Sample

Initial Calib. Verification:

09/12 2103755 100 104 P F  
μmhos/cm μmhos/cm μmhos/cm

Post Sample

Continuing Calib. Verification

02/12 2008438 100 104 P F  
09/12 2103755 μmhos/cm μmhos/cm

## pH

Standard Exp. Date Lot # Initial Reading Temperature Calibrated Reading Temperature  
Initial Calibration: In Calibrate Mode

7.00 SU 11/11 096106 7.03 SU 22.68 °C 6.99 SU 22.75 °C P F

Initial Calibration Verification:

In Read Mode

Pre Sample 10.00 SU 11/12 107444 10.00 SU 23.05 °C P F

Continuing Calibration Verification:

Post Sample 10.00 SU 11/12 107444 10.00 SU 31.26 °C P F

## Maintenance

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

Car buoy cleaned with  
liquinox on 5/5/11

Site ID: Big Spring (Wacissa)

Project: SPRG1104

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