

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

# CALIBRATION and Continuing Calibration LOG

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

Meter ID: YSI # 8

1-6-06 version

Date 1/27/11 Calibration Time (Pre Sample): 14:40 Post Sample Time: 16:00

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:

9.58 mg/L @ Temp. 18.32 °C % DO 101.9 P F

Calibrated Reading:

9.30 mg/L @ Temp. 18.88 °C % DO 100.0 P F

Pre Sample

Initial Calib. Verification:

9.33 mg/L @ Temp. 18.95 °C % DO 99.6 P F

Post Sample

Continuing Calib. Verification

8.88 mg/L @ Temp. 19.84 °C % DO 97.3 P F

9.11 19.15 98.2 P F

## Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date 06/11 Lot # 2912477 Standard 1000 Initial Reading 986 Calibrated Reading 997 P F  
μmhos/cm μmhos/cm μmhos/cm

Pre Sample

Initial Calib. Verification:

10/11 1004434 100 101 P F  
μmhos/cm μmhos/cm μmhos/cm

Post Sample

Continuing Calib. Verification

10/11 1004434 100 103 P F  
μmhos/cm μmhos/cm μmhos/cm

## pH

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

7.00 SU 11/11 096106 6.60 SU 10.88 °C 6.97 SU 11.33 °C P F

Initial Calibration Verification:

In Read Mode

Pre Sample 10.00 SU 09/11 095143 10.07 SU 11.69 °C P F

Continuing Calibration Verification:

Post Sample 10.00 SU 09/11 095143 10.04 SU 11.98 °C P F

## Maintenance

Notes:

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

Site ID: Bluebird Spring

Project: SPRG1101 - Group 5 Springs

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