

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 2/2/11 Calibration Time (Pre Sample): 10:30 Post Sample Time: 17:20

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:

8.80 mg/L @ Temp. 20.78 °C % DO 98.3 (P) F

Calibrated Reading:

8.95 mg/L @ Temp. 20.79 °C % DO 100.0 (P) F

Pre Sample

Initial Calib. Verification:

9.00 mg/L @ Temp. 20.80 °C % DO 100.5 (P) F

Post Sample

Continuing Calib. Verification

8.75 mg/L @ Temp. 23.04 °C % DO 102.1 (P) F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date

Lot #

Standard

Initial Reading

Calibrated Reading

06/11

291247

1000

1009

1000 (P) F

µmhos/cm

µmhos/cm

µmhos/cm

Pre Sample

Initial Calib. Verification:

10/11

1004434

100

101

(P) F

µmhos/cm

µmhos/cm

Post Sample

Continuing Calib. Verification

10/11

1004434

100

104

(P) F

µmhos/cm

µmhos/cm

pH

Standard Exp. Date

Lot #

Initial Reading

Temperature

Calibrated Reading

Temperature

Initial Calibration:

In Calibrate Mode

4 6.90

7.00 SU

11/11

096106

6.81

SU 20.03 °C

6.96

SU 20.60 °C (P) F

Initial Calibration Verification:

In Read Mode

Pre Sample

10.00 SU

09/11

095143

10.16

SU 22.39 °C

(P) F

Continuing Calibration Verification:

Post Sample

7.00 SU

11/11

096106

7.13

SU 22.99 °C

(P) F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

- Car buoy cleaned with
liquinox on 2/3/11

Site ID: TROY

Project: SPRG1101

Laura Hester

Print name of person performing calibrations.

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