

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 (Bernacki's group) 1-6-06 version

Date: 1/18/11 Calibration Time (Pre Sample): 8:00 Post Sample Time: 17:30

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:

8.82 mg/L @ Temp. 21.78 °C % DO 100.5 P F

Calibrated Reading:

8.78 mg/L @ Temp. 21.78 °C % DO 100.0 P F

Pre Sample

Initial Calib. Verification:

8.61 mg/L @ Temp. 21.79 °C % DO 98.1 P F

Post Sample

Continuing Calib. Verification

9.78 mg/L @ Temp. 17.36 °C % DO 101.6 P F

9.75

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date 06/11 Lot # 2912477 Standard 1000 Initial Reading 1047 Calibrated Reading 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 μmhos/cm

Post Sample

Continuing Calib. Verification

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

pH

Standard Exp. Date Lot # Initial Reading Temperature Calibrated Reading Temperature

Initial Calibration:

In Calibrate Mode

7.15

7.00 SU

11/11

096106

7.25

13.68 °C

6.95 SU

14.02 °C

P F

Initial Calibration Verification:

In Read Mode

Pre Sample

10.00 SU

09/11

095143

10.07

13.78 °C

P F

Continuing Calibration Verification:

Post Sample

7.00 SU

11/11

096106

7.12

16.11 °C

P F

Maintenance

Notes:

Specific Conductance Probe Cleaned?

Y

Dissolved Oxygen Membrane Changed?

Y

Site ID: Mill Pond

Project: SPR610 SPR61101

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