

CALIBRATION and Continuing Calibration LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: QD00976-QT00970

1-6-06 version

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

Date 2/24/10 Calibration Time (Pre Sample): 09:39 Post Sample Time: 8:00 on 2/25/10

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: 9.75 mg/L @ Temp. 15.94 °C % DO 98.9 (P) F

Calibrated Reading: 9.86 mg/L @ Temp. 16.08 °C % DO 100.1 (P) F

Initial Calib. Verification: 9.92 mg/L @ Temp. 16.17 °C % DO 100.8 (P) F

Continuing Calib. Verification 11.48 mg/L @ Temp. 9.24 °C % DO 99.9 (P) F

Specific Conductance

In Calibrate Mode

Calibration: Exp. Date 01/11 Lot # 2907738 Standard 1000 Initial Reading 980 Calibrated Reading 1000 (P) F
μmhos/cm μmhos/cm μmhos/cm

Pre Sample

Initial Calib. Verification: 02/11 2908330 100 101 (P) F
μmhos/cm μmhos/cm μmhos/cm

Post Sample

Continuing Calib. Verification 02/11 2908330 100 1009 (P) F
01/11 2907738 1000 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 06/10 083501 7.05 SU 15.15 °C 7.00 SU 15.39 °C (P) F

Initial Calibration Verification:

In Read Mode

Pre Sample

10.00 SU 07/10 083289 10.18 SU 16.06 °C (P) F

Continuing Calibration Verification:

Post Sample

10.00 SU 07/10 083289 10.18 SU 7.65 °C (P) F
7.00 06/10 083501

Maintenance

Specific Conductance Probe Cleaned? Y (P)

Notes:

Dissolved Oxygen Membrane Changed? Y (N)

Site ID: Rainbow

Project: SPR61001

Melinda Spall + 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