

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

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

Meter ID: QD00977

1-6-06 version

Date 10/25/11 Calibration Time (Pre Sample): 10:30 Post Sample Time: 9:44 on 10/26/11

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:

9.08 mg/L @ Temp. 20.67 °C % DO 101.2 (P) F

Calibrated Reading:

8.96 mg/L @ Temp. 20.97 °C % DO 100.4 (P) F

Pre Sample

Initial Calib. Verification:

8.98 mg/L @ Temp. 21.20 °C % DO 101.5 (P) F

Post Sample

Continuing Calib. Verification

9.37 mg/L @ Temp. 19.51 °C % DO 102.1 (P) F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date

Lot #

Standard

Initial Reading

Calibrated Reading

02/12 2008438 1000
μmhos/cm

1017 996 (P) F
μmhos/cm μmhos/cm

Pre Sample

Initial Calib. Verification:

09/12 2103755 100
μmhos/cm

103 (P) F
μmhos/cm

Post Sample

Continuing Calib. Verification

02/12 2008438 1000
μmhos/cm

999 (P) F
μmhos/cm

pH

Standard

Exp. Date

Lot #

Initial Reading

Temperature

Calibrated Reading

Temperature

Initial Calibration:

In Calibrate Mode

7.00 SU

11/11

096106

6.98

SU

17.13 °C

6.99

SU

17.26 °C

(P) F

Initial Calibration Verification:

In Read Mode

Pre Sample

10.00 SU

11/12

107444

10.09

SU

16.90 °C

(P) F

Continuing Calibration Verification:

Post Sample

7.00 SU

11/11

096106

7.05

SU

21.88 °C

(P) F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

- Car buoy cleaned with

liquinox on 10/24/11

- part of King's Bay project

Site ID: Little

Hidden Spring

Project: SPRG1110

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