

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: QD02228-Q402027

1-6-06 version

Date 2/17/09 Calibration Time (Pre Sample): 10:50 Post Sample Time: 16:23

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:

9.48 mg/L @ Temp. 18.88 °C % DO 101.3 P F

Calibrated Reading:

9.33 mg/L @ Temp. 19.29 °C % DO 101.5 P F

Pre Sample

Initial Calib. Verification:

9.39 mg/L @ Temp. 19.45 °C % DO 99.7 P F

Post Sample

Continuing Calib. Verification

8.38 mg/L @ Temp. 25.38 °C % DO 101.6 P F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date Lot # Standard
4/8/09 480671 1000
µmhos/cm

Initial Reading

1002
µmhos/cm

Calibrated Reading

999 P F
µmhos/cm

Pre Sample

Initial Calib. Verification:

09/09 2809223 100
µmhos/cm

103
µmhos/cm

P F

Post Sample

Continuing Calib. Verification

09/09 2809223 100
µmhos/cm

99
µmhos/cm

P F

pH

Standard Exp. Date

Lot #

Initial Reading

Temperature

Calibrated Reading

Temperature

In Calibration:

In Calibrate Mode

7.00 SU 01/10 076877 7.13 SU 15.62 °C 7.00 SU 15.85 °C P F

Initial Calibration Verification:

In Read Mode

Pre Sample 10.00 SU 12/09 076518 9.93 SU 17.41 °C P F

Continuing Calibration Verification:

Post Sample 10.00 SU 12/09 076518 9.84 SU 24.82 °C P F

Maintenance

Specific Conductance Probe Cleaned?

Y N

Notes:

Dissolved Oxygen Membrane Changed?

Y N

- DO Membrane changed 2/13/09

- Opened new Sp Cond 1000 Rec'd 7/3/08

- Opened new Sp Cond 100 Rec'd

11/26/08

Site ID: Rainbow

Project: SPR60901

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

- Ca R buoy cleaned w/ Liquinox 2/16/09