

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:

QD00976-Q100970

1-6-06 version

Date 12/14/10 Calibration Time (Pre Sample): 9:00 Post Sample Time: 10:00 on 12/15/10

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:

9.44

mg/L

@ Temp.

18.01 °C

% DO 99.7

P F

Calibrated Reading:

9.46

mg/L

@ Temp.

18.04 °C

% DO 100.0

P F

Pre Sample

Initial Calib. Verification:

9.32

mg/L

@ Temp.

18.07 °C

% DO 98.7

P F

Post Sample

Continuing Calib. Verification

10.78

mg/L

@ Temp.

10.89 °C

% DO 98.2

P F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date

Lot #

Standard

Initial Reading

Calibrated Reading

06/11

2912477

1000

995

1001

P F

µmhos/cm

µmhos/cm

µmhos/cm

Pre Sample

Initial Calib. Verification:

10/11

1009434

100

97

P F

µmhos/cm

µmhos/cm

µmhos/cm

Post Sample

Continuing Calib. Verification

06/11

2912477

1000

977

P F

µmhos/cm

µmhos/cm

µmhos/cm

pH

Standard

Exp. Date

Lot #

Initial Reading

Temperature

Calibrated Reading

Temperature

Initial Calibration:

In Calibrate Mode

7.00 SU

11/11

096106

7.08

SU

4.46 °C

7.00

SU

4.53 °C

P F

Initial Calibration Verification:

In Read Mode

Pre Sample

10.00 SU

09/11

095143

10.06

SU

3.63 °C

P F

Continuing Calibration Verification:

Post Sample

7.00 SU

11/11

096106

6.98

SU

8.20 °C

P F

Maintenance

Notes:

Specific Conductance Probe Cleaned?

Y N

Dissolved Oxygen Membrane Changed?

Y N

Site ID:

MORRISON

Project:

SPRG1010

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