

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: QD03029

1-6-06 version

Date 2/23/11 Calibration Time (Pre Sample): 10:00 Post Sample Time: 11:00 on 2/24/11

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:

9.42

mg/L

@

Temp.

17.05

°C

% DO

97.4

P

F

Calibrated Reading:

9.65

mg/L

@

Temp.

17.32

°C

% DO

100.6

P

F

Pre Sample

Initial Calib. Verification:

9.54

mg/L

@

Temp.

17.44

°C

% DO

99.6

P

F

Post Sample

Continuing Calib. Verification

8.32

mg/L

@

Temp.

23.84

°C

% DO

98.4

P

F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date

Lot #

Standard

Initial Reading

Calibrated Reading

06/11

2912477

1000

987

1007

P

F

Pre Sample

Initial Calib. Verification:

10/11

1004434

100

102

P

F

Post Sample

Continuing Calib. Verification

10/11

1004434

100

100

P

F

pH

Standard

Exp. Date

Lot #

Initial Reading

Temperature

Calibrated Reading

Temperature

In Calibrate Mode

In Calibrate Mode

7.00 SU

11/11

096106

7.14

SU

17.72 °C

7.00

SU

17.78

P

F

Initial Calibration Verification:

In Read Mode

Pre Sample

10.00 SU

09/11

095143

10.02

SU

17.68 °C

P

F

Continuing Calibration Verification:

Post Sample

10.00 SU

09/11

095143

10.01

SU

16.97 °C

P

F

Maintenance

Notes:

Specific Conductance Probe Cleaned?

Y

N

Dissolved Oxygen Membrane Changed?

Y

N

-DO membrane changed

after post calibration on 2/24/11

Site ID:

Rum Island

Spring

Project:

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