

CALIBRATION and Continuing Calibration LOG

(FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: QD00976-Q400970

1-6-06 version

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

Date 9/13/10 Calibration Time (Pre Sample): 12:23 Post Sample Time: 9:30 on 9/14/10

Circle/Fill In:

Lab Calibration

or

Calibration on Site Yes

Temperature (Monthly)

Date of Last Temperature Verification

Ice Bath: Probe 7.65 °C NIST 7.50 °C Warm Bath: Probe 40.02 °C NIST 40.0 °C

Pass or Fail
P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading:

7.89 mg/L @ Temp. 28.62 °C % DO 102.3 P F

Calibrated Reading:

7.72 mg/L @ Temp. 28.73 °C % DO 100.1 P F

Pre Sample

Initial Calib. Verification:

7.59 mg/L @ Temp. 29.11 °C % DO 99.2 P F

Post Sample

Continuing Calib. Verification

7.73 mg/L @ Temp. 27.09 °C % DO 97.7 P F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date

Lot #

Standard

Initial Reading

Calibrated Reading

06/11 2912477 1000 1033 1000 P F
μmhos/cm μmhos/cm μmhos/cm

Pre Sample

Initial Calib. Verification:

10/11 1009434 100 99 P F
μmhos/cm μmhos/cm

Post Sample

Continuing Calib. Verification

06/11 2912477 1000 992 P F
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 7.09 SU 28.64 °C 28.64 SU 28.87 °C P F
6.98

Initial Calibration Verification:

In Read Mode

Pre Sample

12.00 SU 09/11 095143 9.97 SU 28.70 °C P F

Continuing Calibration Verification:

Post Sample

7.00 SU 11/11 096106 7.04 SU 27.95 °C P F

Maintenance

Notes:

Specific Conductance Probe Cleaned?

Y N

Dissolved Oxygen Membrane Changed?

Y N

- DO membrane changed on 9/8/10

- Car buoy cleaned with liquinox on 9/10/10

Site ID:

Idiot's Delight

Project:

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