

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: QD00977 - Q100970

1-6-06 version

Date 9/29/09 Calibration Time (Pre Sample): 13:09 Post Sample Time: 11:15 on 9/30/09

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:

8.05 mg/L @ Temp 26.20 °C % DO 102.00 P F

Calibrated Reading:

7.94 mg/L @ Temp 26.15 °C % DO 99.4 P F

Pre Sample

Initial Calib. Verification:

8.27 mg/L @ Temp 25.68 °C % DO 101.30 P F

Post Sample

Continuing Calib. Verification

9.22 mg/L @ Temp 20.71 °C % DO 102.80 P F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date 12/10 Lot # 2907087 Standard 1000
µmhos/cm

Initial Reading

Calibrated Reading

1026 µmhos/cm 1000 µmhos/cm P F

Pre Sample

Initial Calib. Verification:

02/11 2908330 100
µmhos/cm

101 µmhos/cm P F

Post Sample

Continuing Calib. Verification

12/10 2907087 1000
µmhos/cm

959 µmhos/cm P F

pH

Standard

Exp. Date

Lot #

Initial Reading

Temperature

Calibrated Reading

Temperature

In Calibrate Mode

In Calibrate Mode

7.00 SU

04/10

082161

7.20

SU

25.52 °C

6.99

SU

25.53 °C

P F

Initial Calibration Verification:

In Read Mode

10.00 SU

12/09

076518

10.00

SU

30.18 °C

P F

Continuing Calibration Verification:

Post Sample

7.00 SU

04/10

082161

6.93

SU

20.18 °C

P F

Maintenance

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

- Opened new Sp Cond pH 7.00

lot# 082161 exp: 4/10

- Opened new Sp Cond 1,000 exp: 12/10

- Opened new Sp Cond 100 exp: 2/11

Site ID: MORRISON

Project: SPRG0907

Laura Hester

Print name of person performing calibrations.

Acceptance Criteria: (DO ± 0.3 mg/L) (Specific Conductance ± 5%) (pH ± 0.2 SU) (Temperature ± 0.2 °C) Warm bath Appx. 40 °C