

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: QD03629

1-6-06 version

Date 8/3/11 Calibration Time (Pre Sample): 10:00 8/3/11 Post Sample Time: 11:30 on 8/4/11

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:

7.63 mg/L @ Temp. 27.68 °C % DO 97.0 P F

Calibrated Reading:

7.86 mg/L @ Temp. 27.67 °C % DO 99.9 P F

Pre Sample

Initial Calib. Verification:

7.89 mg/L @ Temp. 27.71 °C % DO 100.3 P F

Post Sample

Continuing Calib. Verification

7.41 mg/L @ Temp. 29.46 °C % DO 97.1 P F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date 02/12 Lot # 2008438 Standard 1000 Initial Reading 1022 Calibrated Reading 1005 P F
μmhos/cm μmhos/cm μmhos/cm

Pre Sample

Initial Calib. Verification:

09/12 2103755 100 Initial Reading 99 Calibrated Reading P F
μmhos/cm μmhos/cm μmhos/cm

Post Sample

Continuing Calib. Verification

02/12 2008438 1000 Initial Reading 1001 Calibrated Reading P F
μmhos/cm μmhos/cm μmhos/cm

pH

Standard Exp. Date Lot # Initial Reading Temperature Calibrated Reading Temperature

In Calibrate Mode

In Calibrate Mode

7.00 SU 11/11 096106 7.02 SU 27.69 °C 7.00 SU 27.76 °C P F

Initial Calibration Verification:

In Read Mode

Pre Sample 0.00 SU 11/12 107444 10.05 SU 27.81 °C P F

Continuing Calibration Verification:

Post Sample 7.00 SU 11/11 096106 7.05 SU 27.75 °C P F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

- Part of Sum. River nitrogen loading project

Site ID: Troy Spg.

Project: SPR61107

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