

CALIBRATION and Continuing Calibration LOG

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

Meter ID: QD03629

1-6-06 version

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

Date 10/4/11 Calibration Time (Pre Sample): 13:30 Post Sample Time: 11:00 on 10/5/11

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:

8.73 mg/L @ Temp. 23.56 °C % DO 102.8 P F

Calibrated Reading:

8.44 mg/L @ Temp. 23.83 °C % DO 99.9 P F

Pre Sample

Initial Calib. Verification:

8.51 mg/L @ Temp. 23.76 °C % DO 100.7 P F

Post Sample

Continuing Calib. Verification

8.88 mg/L @ Temp. 21.15 °C % DO 99.8 P F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date Lot # Standard Initial Reading Calibrated Reading
02/12 2008438 1000 1018 992 P F
μmhos/cm μmhos/cm μmhos/cm

Pre Sample

Initial Calib. Verification:

09/12 2103755 100 103 P F
μmhos/cm μmhos/cm

Post Sample

Continuing Calib. Verification

02/12 2008438 1000 1005 P F
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 7.03 SU 19.46 °C 7.00 SU 19.58 °C P F

Initial Calibration Verification:

In Read Mode

Pre Sample

10.00 SU 11/12 107444 10.18 SU 19.78 °C P F

Continuing Calibration Verification:

Post Sample

7.00 SU 11/11 096106 7.13 SU 20.82 °C P F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

Site ID: Rainbow River
Project: SPR61110

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