

CALIBRATION and Continuing Calibration LOG

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

Meter ID: QD00970-QT00970

1-6-06 version

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

Date 12/10/10 Calibration Time (Pre Sample): 8:30 Post Sample Time: 9:00 on 12/14/10

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:

9.54 mg/L @ Temp. 16.46 °C % DO 98.0 ☒ P ☐ F

Calibrated Reading:

9.73 mg/L @ Temp. 16.43 °C % DO 99.9 ☒ P ☐ F

Pre Sample

Initial Calib. Verification:

9.80 mg/L @ Temp. 16.41 °C % DO 100.6 ☒ P ☐ F

Post Sample

Continuing Calib. Verification

9.44 mg/L @ Temp. 18.01 °C % DO 99.7 ☒ P ☐ F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date 06/11 Lot # 2912477 Standard 1000
μmhos/cm

Initial Reading

Calibrated Reading

1017 μmhos/cm 1000 ☒ P ☐ F

Pre Sample

Initial Calib. Verification:

10/11 1009434 100
μmhos/cm

96 μmhos/cm ☒ P ☐ F

Post Sample

Continuing Calib. Verification

06/11 2912477 1000
μmhos/cm

995 μmhos/cm ☒ P ☐ F

pH

Standard

Exp. Date

Lot #

Initial Reading

Temperature

Calibrated Reading

Temperature

Initial Calibration:

In Calibrate Mode

7.00 SU 11/11 096106 6.95 SU 4.51 °C 6.99 SU 4.72 °C ☒ P ☐ F

Initial Calibration Verification:

In Read Mode

Pre Sample

10.00 SU 09/11 095143 10.06 SU 15.00 °C ☒ P ☐ F

Continuing Calibration Verification:

Post Sample

7.00 SU 11/11 096106 7.08 SU 4.46 °C ☒ P ☐ F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y ☒ N

Dissolved Oxygen Membrane Changed? Y ☒ N

Site ID: Trotter/Pumphouse

Project: SPRG1010

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