

CALIBRATION and Continuing Calibration LOG

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

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

Meter ID: QD00976-Q400970 1-6-06 version

Date 6/22/10 Calibration Time (Pre Sample): 14:05 Post Sample Time: 12:14 on 6/23/10

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:

7.14 mg/L @ Temp. 32.16 °C % DO 98.0 ☒ P ☐ F

Calibrated Reading:

7.26 mg/L @ Temp. 32.19 °C % DO 99.7 ☒ P ☐ F

Pre Sample

Initial Calib. Verification:

7.26 mg/L @ Temp. 32.02 °C % DO 99.1 ☒ P ☐ F

Post Sample

Continuing Calib. Verification

7.22 mg/L @ Temp. 34.12 °C % DO 102.4 ☒ P ☐ F

Specific Conductance

In Calibrate Mode

Calibration:

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

Initial Reading

Calibrated Reading

990 1000 ☒ P ☐ F
μmhos/cm μmhos/cm

Pre Sample

Initial Calib. Verification:

06/11 2912475 100
μmhos/cm

101 ☒ P ☐ F
μmhos/cm

Post Sample

Continuing Calib. Verification

06/11 2912477 1000
μmhos/cm

997 ☒ P ☐ F
μmhos/cm

pH

Standard Exp. Date

Lot #

Initial Reading

Temperature

Calibrated Reading

Temperature

Initial Calibration:

In Calibrate Mode

7.00 SU 11/11 096106 7.13 SU 24.67 °C 6.97 SU 29.80 °C ☒ P ☐ F

Initial Calibration Verification:

In Read Mode

Pre Sample

10.00 SU 07/10 083289 9.94 SU 32.11 °C ☒ P ☐ F

Continuing Calibration Verification:

Post Sample

7.00 SU 11/11 096106 7.00 SU 34.69 °C ☒ P ☐ F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y ☒ N

Dissolved Oxygen Membrane Changed? Y ☒ N

opened new pH 10.00

Site ID: Nichols Spring

Project: SPRG1004

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