

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: QD00977

1-6-06 version

Date 11/15/11 Calibration Time (Pre Sample): 14:15 Post Sample Time: 13:00 on 11/16/11

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: 7.90 mg/L @ Temp. 26.61 °C % DO 98.5 P F

Calibrated Reading: 7.93 mg/L @ Temp. 26.70 °C % DO 99.0 P F

Pre Sample

Initial Calib. Verification: 8.07 mg/L @ Temp. 26.72 °C % DO 100.8 P F

Post Sample

Continuing Calib. Verification 8.38 mg/L @ Temp. 25.41 °C % DO 102.2 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode Calibration:	<u>02/12</u>	<u>2008438</u>	<u>1000</u> μmhos/cm	<u>983</u> μmhos/cm	<u>1003</u> μmhos/cm	<u>P</u> F
Pre Sample Initial Calib. Verification:	<u>09/12</u>	<u>2103755</u>	<u>100</u> μmhos/cm	<u>102</u> μmhos/cm		<u>P</u> F
Post Sample Continuing Calib. Verification:	<u>02/12</u>	<u>2008438</u>	<u>1000</u> μmhos/cm	<u>1002</u> μmhos/cm		<u>P</u> F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
7.00 SU	<u>11/11</u>	<u>096106</u>	<u>7.04</u>	<u>25.82</u> °C	<u>6.99</u>	<u>25.77</u> °C	<u>P</u> F

Initial Calibration Verification:

In Read Mode

Pre Sample 10.00 SU 11/12 107444 10.12 SU 23.80 °C P F

Continuing Calibration Verification:

Post Sample 7.00 SU 11/11 096106 7.08 SU 24.23 °C P F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N
Dissolved Oxygen Membrane Changed? Y N

Site ID: Mearson Spring
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