

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 - Q+00970 1-6-06 version

Date 8/3/10 Calibration Time (Pre Sample): 12:15 Post Sample Time: 14:30

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:

7.46 mg/L @ Temp. 32.32 °C % DO 102.7 (P) F

Calibrated Reading:

7.23 mg/L @ Temp. 32.47 °C % DO 100.0 (P) F

Pre Sample

Initial Calib. Verification:

7.07 mg/L @ Temp. 32.62 °C % DO 98.0 (P) F

Post Sample

Continuing Calib. Verification

7.12 mg/L @ Temp. 32.79 °C % DO 98.3 (P) F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
<u>06/11</u>	<u>2912477</u>	<u>1000</u>	<u>992</u>	<u>999</u>
		μmhos/cm	μmhos/cm	μmhos/cm

Pre Sample

Initial Calib. Verification:

<u>10/11</u>	<u>1004434</u>	<u>100</u>	<u>102</u>	
		μmhos/cm	μmhos/cm	

Post Sample

Continuing Calib. Verification

<u>10/11</u>	<u>1004434</u>	<u>100</u>	<u>98</u>	
		μmhos/cm	μmhos/cm	

pH

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

In Calibrate Mode

7.00 SU	<u>11/11</u>	<u>096106</u>	<u>7.03</u>	<u>33.49</u> °C	<u>6.98</u>	<u>33.50</u> °C
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Initial Calibration Verification:

In Read Mode

<u>10.00</u> SU	<u>09/11</u>	<u>095143</u>	<u>9.92</u>	<u>32.98</u> °C		
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Continuing Calibration Verification:

<u>10.00</u> SU	<u>09/11</u>	<u>095143</u>	<u>9.84</u>	<u>34.33</u> °C		
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Maintenance

Notes:

Specific Conductance Probe Cleaned? Y (N)

Dissolved Oxygen Membrane Changed? Y (N)

- Car buoy cleaned with
liquinox on 8/3/10

Site ID: MORRISON

Project: SPR61007

Laura Hester

Print name of person performing calibrations.

Acceptance Criteria: (DO ± 0.3 mg/l) (Specific Conductance $\pm 5\%$) (pH ± 0.2 SU) (Temperature ± 0.2 °C) Warm bath Appx. 40 °C