

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: QD022228-Q102027 1-6-06 version

Date 1/21/10 Calibration Time (Pre Sample): 10:15 Post Sample Time: 17:00

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

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 9.80 mg/L @ Temp. 16.23 °C % DO 99.7 P F

Calibrated Reading: 9.78 mg/L @ Temp. 16.26 °C % DO 99.6 P F

Initial Calib. Verification: 9.64 mg/L @ Temp. 16.36 °C % DO 98.4 P F

Continuing Calib. Verification 9.32 mg/L @ Temp. 18.72 °C % DO 99.7 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode Calibration:	<u>01/11</u>	<u>02/11</u>	<u>2907738</u>	<u>1000</u>	<u>975</u>
			<u>1000</u> µmhos/cm		<u>1000</u> µmhos/cm
Pre Sample Initial Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u>	<u>104</u>	<u>104</u>
			<u>100</u> µmhos/cm		<u>104</u> µmhos/cm
Post Sample Continuing Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u>	<u>103</u>	<u>103</u>
			<u>100</u> µmhos/cm		<u>103</u> µmhos/cm

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
Initial Calibration:						
7.00 SU	<u>06/10</u>	<u>083501</u>	<u>6.88</u>	<u>16.47</u> °C	<u>7.00</u>	<u>16.45</u> °C
Initial Calibration Verification:						
Pre Sample						
10.00 SU	<u>07/10</u>	<u>083289</u>	<u>9.97</u>	<u>16.38</u> °C		
Continuing Calibration Verification:						
Post Sample						
10.00 SU	<u>07/10</u>	<u>083289</u>	<u>10.09</u>	<u>18.39</u> °C		

Maintenance Specific Conductance Probe Cleaned? Y N
Notes: Dissolved Oxygen Membrane Changed? Y N

Site ID: Mill Pond

Project: SPRG1001

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