

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: Q703629

1-6-06 version

Date 7/13/11 Calibration Time (Pre Sample): 9:00 Post Sample Time: 10:00 on 7/14/11

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: 8.13 mg/L @ Temp. 26.91 °C % DO 101.8 P F

Calibrated Reading: 7.96 mg/L @ Temp. 26.95 °C % DO 99.9 P F

Pre Sample

Initial Calib. Verification: 7.86 mg/L @ Temp. 27.10 °C % DO 98.9 P F

Post Sample

Continuing Calib. Verification 7.74 mg/L @ Temp. 28.21 °C % DO 99.5 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>	<u>989</u>	<u>1005</u> <u>P</u> F
			μmhos/cm	μmhos/cm	μmhos/cm

Pre Sample

Initial Calib. Verification: 09/12 2103755 100 100 P F

Post Sample

Continuing Calib. Verification 02/12 2008438 1000 997 P F

pH

	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
Standard						
Initial Calibration:						
	<u>11/11</u>	<u>096106</u>	<u>7.17</u>	<u>27.83</u> °C	<u>6.99</u>	<u>27.84</u> °C <u>P</u> F

Initial Calibration Verification:

In Read Mode

Pre Sample 10.00 SU 11/12 107444 10.08 SU 28.08 °C P F

Continuing Calibration Verification:

Post Sample 7.00 SU 11/11 096106 6.98 SU 28.47 °C P F

Maintenance

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

-Car buoy cleaned w/ liquinox
on 7/12/11

Site ID: Mill Pond Seg

Project: SPR61107

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