

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: QD02228-Q102027 1-6-06 version

Date 1/13/09 Calibration Time (Pre Sample): 12:05 Post Sample Time: 10:26 on 1/14/09

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

Pass or Fail
P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 10.58 mg/L @ Temp. 12.71 °C % DO 99.5 ☒ P ☐ F

Calibrated Reading:

10.58 mg/L @ Temp. 12.67 °C % DO 99.7 ☒ P ☐ F

Pre Sample

Initial Calib. Verification: 10.67 mg/L @ Temp. 12.54 °C % DO 100.2 ☒ P ☐ F

Post Sample

Continuing Calib. Verification 11.12 mg/L @ Temp. 10.01 °C % DO 98.9 ☒ P ☐ F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode Calibration:	<u>03/09</u>	<u>4803126</u>	<u>1000</u> µmhos/cm	<u>1038</u> µmhos/cm	<u>1001</u> ☒ P ☐ F
Pre Sample Initial Calib. Verification:	<u>06/09</u>	<u>2806244</u>	<u>100</u> µmhos/cm	<u>101</u> µmhos/cm	☒ P ☐ F
Post Sample Continuing Calib. Verification:	<u>03/09</u>	<u>4803126</u>	<u>1000</u> µmhos/cm	<u>1005</u> µmhos/cm	☒ P ☐ F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
Initial Calibration:						
7.00 SU	<u>01/16</u>	<u>076877</u>	<u>7.19</u> SU	<u>11.44</u> °C	<u>7.00</u> SU	<u>11.45</u> °C ☒ P ☐ F
Initial Calibration Verification:						
Pre Sample						
<u>10.00</u> SU	<u>12/09</u>	<u>076518</u>	<u>10.15</u> SU	<u>11.32</u> °C		☒ P ☐ F
Continuing Calibration Verification:						
Post Sample						
<u>7.00</u> SU	<u>01/10</u>	<u>076877</u>	<u>6.94</u> SU	<u>5.98</u> °C		☒ P ☐ F

Maintenance

Notes:

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

- Car buoy cleaned w/ Liquinox 1/12/09

Site ID: Mill Pond

Project: SPR60901

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