

CALIBRATION and Continuing Calibration LOG

(FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: QD00976-Q100970

1-6-06 version

Boldly "X" this box if there is qualified data on this page.

Date 4/15/10 Calibration Time (Pre Sample): 13:11 Post Sample Time: 15:50

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: 8.35 mg/L @ Temp. 22.90 °C % DO 97.3 ☒ P ☐ F

Calibrated Reading: 8.58 mg/L @ Temp. 22.97 °C % DO 99.9 ☒ P ☐ F

Pre Sample

Initial Calib. Verification: 8.59 mg/L @ Temp. 22.95 °C % DO 100.0 ☒ P ☐ F

Post Sample

Continuing Calib. Verification 8.15 mg/L @ Temp. 25.82 °C % DO 100.2 ☒ P ☐ F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode						
Calibration:	<u>01/11</u>	<u>2907738</u>	<u>1000</u>	<u>1002</u>	<u>1000</u>	☒ P ☐ F
			μmhos/cm	μmhos/cm	μmhos/cm	
Pre Sample						
Initial Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u>	<u>103</u>		☒ P ☐ F
			μmhos/cm	μmhos/cm		
Post Sample						
Continuing Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u>	<u>104</u>		☒ P ☐ F
			μmhos/cm	μmhos/cm		

pH

	Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
Initial Calibration:								
	<u>7.00 SU</u>	<u>06/10</u>	<u>083501</u>	<u>7.00</u>	<u>22.13</u> °C	<u>6.99</u> SU	<u>22.17</u> °C	☒ P ☐ F
Initial Calibration Verification:								
Pre Sample								
Continuing Calibration Verification:	<u>10.00</u>	<u>07/10</u>	<u>083289</u>	<u>9.97</u>	<u>21.57</u> °C			☒ P ☐ F
Post Sample								
Continuing Calibration Verification:	<u>10.00</u>	<u>07/10</u>	<u>083289</u>	<u>10.05</u>	<u>24.21</u> °C			☒ P ☐ F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y ☒ N ☐

Dissolved Oxygen Membrane Changed? Y ☒ N ☐

Site ID: ST Mill Pond

Project: SPRG1004

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