

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

CALIBRATION and Continuing Calibration LOG

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

Meter ID: QD00977-Q+03272 1-6-06 version

Date: 2/1/12 Calibration Time (Pre Sample): 10:00 Post Sample Time: 9:00 on 2/2/12

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: 10.36 mg/L @ Temp. 14.42 °C % DO 102.5 P F

Calibrated Reading: 10.17 mg/L @ Temp. 14.64 °C % DO 100.1 P F

Pre Sample

Initial Calib. Verification: 10.24 mg/L @ Temp. 14.76 °C % DO 100.8 P F

Post Sample

Continuing Calib. Verification 9.89 mg/L @ Temp. 16.66 °C % DO 101.5 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode Calibration:	<u>02/12</u>	<u>20084381000</u>	<u>1000</u> µmhos/cm	<u>1008</u> µmhos/cm	<u>1001</u> µmhos/cm P F

Pre Sample Initial Calib. Verification:	<u>09/12</u>	<u>2103755100</u>	<u>100</u> µmhos/cm	<u>104</u> µmhos/cm	<u>100</u> µmhos/cm P F
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Post Sample Continuing Calib. Verification:	<u>02/12</u>	<u>20084381000</u>	<u>1000</u> µmhos/cm	<u>1009</u> µmhos/cm	<u>1009</u> µmhos/cm P F
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pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
Initial Calibration:	<u>12/12</u>	<u>108043</u>	<u>7.17</u> SU	<u>13.36</u> °C	<u>7.01</u> SU	<u>13.38</u> °C P F

Initial Calibration Verification:	<u>10.08</u> SU	<u>9.90</u> SU	<u>13.24</u> °C	<u>10.08</u> SU	<u>9.90</u> SU	<u>13.24</u> °C P F
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Continuing Calibration Verification:	<u>7.00</u> SU	<u>7.06</u> SU	<u>15.95</u> °C	<u>7.00</u> SU	<u>7.06</u> SU	<u>15.95</u> °C P F
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Maintenance

Notes:

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

Site ID: Merritt's Mill Pond Project
Project: SPR61201

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