

CALIBRATION and Continuing Calibration LOG

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

Boilay is
box if there is
qualified data on
this page.

Meter ID: Q600977-Q403272 1-6-06 version

Date 2/2/12 Calibration Time (Pre Sample): 9:00 Post Sample Time: 9:20 on 2/7/12

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: 9.89 mg/L @ Temp. 16.66 °C % DO 101.5 P F

Calibrated Reading: 9.74 mg/L @ Temp. 16.70 °C % DO 100.0 P F

Initial Calib. Verification: 9.53 mg/L @ Temp. 16.89 °C % DO 98.4 P F

Continuing Calib. Verification: 9.41 mg/L @ Temp. 18.61 °C % DO 100.7 P F

Specific Conductance

In Calibrate Mode

Calibration: Exp. Date 02/12 Lot # 2008438 Standard 1000 Initial Reading 1009 Calibrated Reading 1000 P F

Pre Sample

Initial Calib. Verification: 09/12 2103755 100 102 P F

Post Sample

Continuing Calib. Verification: 02/12 2008438 1000 984 P F

pH

Standard Exp. Date Lot # Initial Reading Temperature Calibrated Reading Temperature

Initial Calibration: In Calibrate Mode
7.00 SU 12/12 108043 7.06 SU 15.95 °C 6.99 SU 15.97 °C P F

Initial Calibration Verification:

In Read Mode

Pre Sample 10.00 SU 9.88 SU 15.91 °C P F

Continuing Calibration Verification:

Post Sample 7.00 SU 12/12 108043 6.95 SU 18.97 °C P F

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