

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 4/13/10 Calibration Time (Pre Sample): 7:30 Post Sample Time: 19:15

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: 9.30 mg/L @ Temp. 17.80 °C % DO 97.9 (P) F

Calibrated Reading: 9.53 mg/L @ Temp. 17.79 °C % DO 100.3 (P) F

Pre Sample

Initial Calib. Verification: 9.70 mg/L @ Temp. 17.72 °C % DO 101.9 (P) F

Post Sample

Continuing Calib. Verification 8.16 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>1012</u>	<u>1001</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>103</u>		(P) F
			μmhos/cm	μmhos/cm		

pH

	Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
Initial Calibration:								
	7.00 SU	<u>06/10</u>	<u>083501</u>	<u>7.13</u>	<u>17.38</u> °C	<u>7.00</u>	<u>17.43</u> °C	(P) F
Initial Calibration Verification:								
Pre Sample								
	<u>10.00</u> SU	<u>07/10</u>	<u>083289</u>	<u>10.00</u>	<u>18.04</u> °C			(P) F
Continuing Calibration Verification:								
Post Sample								
	<u>10.00</u> SU	<u>07/10</u>	<u>083289</u>	<u>9.98</u>	<u>26.78</u> °C			(P) F

Maintenance

Notes:

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

Site ID: Hornsby

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