

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: QD03586-Q105429 1-6-06 version

Date 5/4/11 Calibration Time (Pre Sample): 12:13:30 Post Sample Time: 16:11 on 5/5/11

Circle/Fill In: Lab Calibration or Calibration on Site yes
Temperature (Monthly)

Date of Last Temperature Verification _____

Ice Bath: Probe 5.13 °C NIST 5.1 °C Warm Bath: Probe 42.77 °C NIST 42.6 °C

Pass or Fail
P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 8.40 mg/L @ Temp. 25.68 °C % DO 103.0 P F

Calibrated Reading: 8.15 mg/L @ Temp. 25.74 °C % DO 99.9 P F

Pre Sample

Initial Calib. Verification: 8.21 mg/L @ Temp. 25.61 °C % DO 100.5 P F

Post Sample

Continuing Calib. Verification 8.74 mg/L @ Temp. 23.36 °C % DO 102.6 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode						
Calibration:	<u>2/12</u>	<u>2008438</u>	<u>1000</u> µmhos/cm	<u>1015</u> µmhos/cm	<u>1007</u> µmhos/cm	P F
Pre Sample						
Initial Calib. Verification:	<u>09/12</u>	<u>2103755</u>	<u>100</u> µmhos/cm	<u>99</u> µmhos/cm		P F
Post Sample						
Continuing Calib. Verification	<u>2/12</u>	<u>2008438</u>	<u>1000</u> µmhos/cm	<u>970</u> µmhos/cm		P F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode							
7.00 SU	<u>11/11</u>	<u>096106</u>	<u>7.05</u>	<u>26.12</u> °C	<u>6.94</u>	<u>26.16</u> °C	P F

Initial Calibration Verification:

In Read Mode

Pre Sample 10.00 SU 11/12 107444 10.05 SU 26.27 °C P F

Continuing Calibration Verification:

Post Sample 7.00 SU 11/11 096106 7.03 SU 22.68 °C P F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

- DO membrane & SpCd probe

cleaned on 5/3/11

- Opened new Socd 1000

exp: 2/12 #0008438

Site ID: Troy

Project: SPRG1104

Laura Hestee

Print name of person performing calibrations.

Acceptance Criteria: (DO ± 0.3 mg/l) (Specific Conductance ± 5%) (pH ± 0.2 SU) (Temperature ± 0.2 °C) Warm bath Appx. 40 °C