

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: QD00976 - A+00970

1-6-06 version

Date 10/5/10 Calibration Time (Pre Sample): 14:00 Post Sample Time: 6:30 on 10/12/10

Circle/Fill In:

Lab Calibration

or

Calibration on Site

yes

Temperature (Monthly)

Date of Last Temperature Verification

Pass or Fail

P F

Ice Bath: Probe °C NIST °C Warm Bath: Probe °C NIST °C

Dissolved Oxygen

In Calibrate Mode

Initial Reading:

8.50 mg/L @ Temp. 22.16 °C % DO 97.7 ☒ P ☐ F

Calibrated Reading:

8.71 mg/L @ Temp. 22.17 °C % DO 100.3 ☒ P ☐ F

Pre Sample

Initial Calib. Verification:

8.92 mg/L @ Temp. 22.27 °C % DO 102.8 ☒ P ☐ F

Post Sample

Continuing Calib. Verification

8.61 mg/L @ Temp. 23.28 °C % DO 100.8 ☒ P ☐ F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode						
Calibration:	<u>06/11</u>	<u>2912477</u>	<u>1000</u>	<u>1018</u>	<u>1000</u>	☒ P ☐ F
			µmhos/cm	µmhos/cm	µmhos/cm	
Pre Sample						
Initial Calib. Verification:	<u>10/11</u>	<u>1004434</u>	<u>100</u>	<u>97</u>		☒ P ☐ F
			µmhos/cm	µmhos/cm		
Post Sample						
Continuing Calib. Verification	<u>06/11</u>	<u>2912477</u>	<u>1000</u>	<u>1003</u>		☒ P ☐ F
			µmhos/cm	µmhos/cm		

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode							
Initial Calibration:							
7.00 SU	<u>11/11</u>	<u>096106</u>	<u>7.04</u>	<u>18.82</u> °C	<u>6.98</u> SU	<u>18.91</u> °C	☒ P ☐ F
Initial Calibration Verification:							
Pre Sample							
Continuing Calibration Verification:							
10.00 SU	<u>09/11</u>	<u>095143</u>	<u>10.09</u>	<u>18.66</u> °C			☒ P ☐ F
Post Sample							
7.00 SU	<u>11/11</u>	<u>096106</u>	<u>6.90</u>	<u>23.42</u> °C			☒ P ☐ F

Maintenance

Specific Conductance Probe Cleaned? ☒ Y ☐ N

Notes:

Dissolved Oxygen Membrane Changed? ☒ Y ☐ N

-Cap buoy cleaned with Hg^{4H}
HCL on 10/4/10

Site ID: Fanning

Project: SPR61010

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