

CALIBRATION and Continuing Calibration LOG

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

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

Meter ID: QD00977 1-6-06 version

Date 4/6/10 Calibration Time (Pre Sample): 9:30 Post Sample Time: 8:41 on 4/7/10

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: 8.95 mg/L @ Temp. 21.64 °C % DO 101.5 P F

Calibrated Reading: 8.71 mg/L @ Temp. 21.79 °C % DO 99.1 P F

Pre Sample

Initial Calib. Verification: 8.5 8.60 mg/L @ Temp. 22.03 °C % DO 98.6 P F

Post Sample

Continuing Calib. Verification 8.60 mg/L @ Temp. 21.32 °C % DO 97.1 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> $\mu\text{mhos/cm}$	<u>999</u> $\mu\text{mhos/cm}$	<u>1000</u> $\mu\text{mhos/cm}$	<u>P</u> F
Pre Sample						
Initial Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u> $\mu\text{mhos/cm}$	<u>101</u> $\mu\text{mhos/cm}$		<u>P</u> F
Post Sample						
Continuing Calib. Verification	<u>01/11</u>	<u>2907738</u>	<u>1000</u> $\mu\text{mhos/cm}$	<u>999</u> $\mu\text{mhos/cm}$		<u>P</u> F

pH

	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
Standard							
Initial Calibration:							
7.00 SU	<u>06/10</u>	<u>083501</u>	<u>6.97</u> SU	<u>19.26</u> °C	<u>7.00</u> SU	<u>19.30</u> °C	<u>P</u> F
Initial Calibration Verification:							
Pre Sample							
10.00 SU	<u>07/10</u>	<u>083289</u>	<u>9.99</u> SU	<u>21.57</u> °C			<u>P</u> F
Continuing Calibration Verification:							
Post Sample							
7.00 SU	<u>06/10</u>	<u>083501</u>	<u>6.90</u> SU	<u>18.08</u> °C			<u>P</u> F

Maintenance

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

Notes: Car buoy cleaned w/
Iquinox on 4/5/10

Site ID: Falmouth

Project: SPRG1004

LAURA HESTER

Print name of person performing calibrations.

Acceptance Criteria: (DO $\pm 0.3 \text{ mg/l}$) (Specific Conductance $\pm 5\%$) (pH $\pm 0.2 \text{ SU}$) (Temperature $\pm 0.2^\circ \text{C}$) Warm bath Appx. 40°C