

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: Q100976-Q100970 1-6-06 version

Date 5/13/10 Calibration Time (Pre Sample): 11:28 Post Sample Time: 15:00

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:

7.73 mg/L @ Temp. 27.44 °C % DO 97.3 (P) F

Calibrated Reading:

7.93 mg/L @ Temp. 27.32 °C % DO 100.4 (P) F

Pre Sample

Initial Calib. Verification:

8.16 mg/L @ Temp. 27.30 °C % DO 103.5 (P) F

Post Sample

Continuing Calib. Verification

7.19 mg/L @ Temp. 34.46 °C % DO 102.7 (P) F

7.10 7.19 7.12 @ 34.66 °C 102.1

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode Calibration:	<u>06/11</u>	<u>2912477</u>	<u>1000</u> μmhos/cm	<u>1006</u> μmhos/cm	<u>999</u> μmhos/cm	(P) F
Pre Sample Initial Calib. Verification:	<u>06/11</u>	<u>2912475</u>	<u>100</u> μmhos/cm	<u>99</u> μmhos/cm		(P) F
Post Sample Continuing Calib. Verification:	<u>06/11</u>	<u>2912475</u>	<u>100</u> μmhos/cm	<u>101</u> μmhos/cm		(P) F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
Initial Calibration:							
<u>7.00 SU</u>	<u>06/10</u>	<u>083501</u>	<u>7.06</u>	<u>26.62</u> °C	<u>7.00</u> SU	<u>26.65</u> °C	(P) F

Initial Calibration Verification:

In Read Mode

Pre Sample

10.00 SU 07/10 083289 9.99 SU 26.68 °C (P) F

Continuing Calibration Verification:

Post Sample

10.00 SU 07/10 083289 9.82 SU 36.71 °C (P) F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y (N)

Dissolved Oxygen Membrane Changed? Y (N)

-Kate Forsmark: student volunteer

Site ID: Silver Spring

Project: sprg1004

Laura Hester ? Kate Forsmark

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