

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 12/7/11 Calibration Time (Pre Sample): 12:20 Post Sample Time: 13:00 on 12/8/11

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:

8.21 mg/L @ Temp. 24.20 °C % DO 98.1 P F

Calibrated Reading:

8.38 mg/L @ Temp. 24.31 °C % DO 100.5 P F

Pre Sample

Initial Calib. Verification:

8.35 mg/L @ Temp. 24.47 °C % DO 100.3 P F

Post Sample

Continuing Calib. Verification

10.79 mg/L @ Temp. 11.87 °C % DO 99.8 P F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
<u>02/12</u>	<u>2008438</u>	<u>1000</u>	<u>1028</u>	<u>1004</u>	P F
		μmhos/cm	μmhos/cm	μmhos/cm	

Pre Sample

Initial Calib. Verification:

<u>09/12</u>	<u>2103755</u>	<u>100</u>	<u>100</u>		P F
		μmhos/cm	μmhos/cm		

Post Sample

Continuing Calib. Verification

<u>02/12</u>	<u>2008438</u>	<u>1000</u>	<u>1008</u>		P F
		μmhos/cm	μmhos/cm		

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
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Initial Calibration:

In Calibrate Mode

7.00 SU	<u>11/11</u>	<u>096106</u>	<u>6.84</u>	SU <u>22.14</u> °C	<u>7.00</u>	SU <u>22.47</u> °C	P F
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Initial Calibration Verification:

In Read Mode

<u>10.00</u> SU	<u>11/12</u>	<u>107444</u>	<u>9.90</u>	SU <u>22.77</u> °C			P F
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Continuing Calibration Verification:

<u>7.00</u> SU	<u>11/11</u>	<u>096106</u>	<u>7.19</u>	SU <u>8.29</u> °C			P F
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Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

Site ID: Silver Spring
Main
Project: SPRG1110

Laurel 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