

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: QD03629

1-6-06 version

Date: 9/1/11 Calibration Time (Pre Sample): 12:46 Post Sample Time: 11:30 on 9/7/11

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:

7.77 mg/L @ Temp. 29.74 °C % DO 102.2 P F

Calibrated Reading:

7.62 mg/L @ Temp. 29.79 °C % DO 100.3 P F

Pre Sample

Initial Calib. Verification:

7.55 mg/L @ Temp. 29.76 °C % DO 99.4 P F

Post Sample

Continuing Calib. Verification

8.60 mg/L @ Temp. 24.40 °C % DO 102.9 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>1016</u>	<u>1001</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>101</u>		P F
		μmhos/cm	μmhos/cm		

Post Sample

Continuing Calib. Verification

<u>02/12</u>	<u>2008438</u>	<u>1000</u>	<u>1009</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

<u>7.00 SU</u>	<u>11/11</u>	<u>096106</u>	<u>6.97</u>	<u>28.32</u> °C	<u>6.95</u>	<u>28.41</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>10.05</u>	<u>28.72</u> °C			P F
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Continuing Calibration Verification:

<u>7.00</u> SU	<u>11/11</u>	<u>096106</u>	<u>7.18</u>	<u>22.65</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 Spg.
Main
Project: SPRG 1107

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