

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: QD03586 - Q405429 1-6-06 version

Date 6/23/11 Calibration Time (Pre Sample): 9:58 Post Sample Time: _____

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:

7.60 mg/L @ Temp. 30.30 °C % DO 101.3 P F

Calibrated Reading:

7.57 mg/L @ Temp. 30.33 °C % DO 100.5 P F

Pre Sample

Initial Calib. Verification:

7.56 mg/L @ Temp. 30.28 °C % DO 100.5 P F

Post Sample

Continuing Calib. Verification

7.44 mg/L @ Temp. 30.49 °C % DO 99.5 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> μmhos/cm	<u>1005</u> μmhos/cm	<u>1003</u> μmhos/cm	P F

Pre Sample

Initial Calib. Verification:

<u>09/12</u>	<u>2103755</u>	<u>100</u> μmhos/cm	<u>101</u> μmhos/cm		P F
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Post Sample

Continuing Calib. Verification

<u>09/12</u>	<u>2103755</u>	<u>100</u> μmhos/cm	<u>102</u> μmhos/cm		P F
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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>7.12</u> SU	<u>30.50</u> °C	<u>6.99</u> SU	<u>30.49</u> °C	P F
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Initial Calibration Verification:

In Read Mode

Pre Sample

<u>10.00</u> SU	<u>11/12</u>	<u>107444</u>	<u>10.01</u> SU	<u>30.38</u> °C			P F
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Continuing Calibration Verification:

Post Sample

<u>10.00</u> SU	<u>11/12</u>	<u>107444</u>	<u>10.05</u> SU	<u>30.56</u> °C			P F
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Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

Site ID: Gainer #1C

Project: SPR61104

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