

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 10/26/11 Calibration Time (Pre Sample): 9:44 Post Sample Time: 11:30 on 11/1/11

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:

9.37 mg/L @ Temp. 19.51 °C % DO 102.1 (P) F

Calibrated Reading:

9.14 mg/L @ Temp. 19.69 °C % DO 99.7 (P) F

Pre Sample

Initial Calib. Verification:

9.02 mg/L @ Temp. 19.83 °C % DO 98.8 (P) F

Post Sample

Continuing Calib. Verification

8.96 mg/L @ Temp. 20.16 °C % DO 98.7 (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>999</u> μmhos/cm	<u>1001</u> μmhos/cm	(P) F

Pre Sample

Initial Calib. Verification:

<u>09/12</u>	<u>2103755</u>	<u>100</u> μmhos/cm	<u>104</u> μmhos/cm		(P) F
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Post Sample

Continuing Calib. Verification

<u>02/12</u>	<u>2008438</u>	<u>1000</u> μmhos/cm	<u>1016</u> μmhos/cm	<u>1027</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>7.05</u> SU	<u>21.88</u> °C	<u>6.99</u> SU	<u>21.91</u> °C	(P) F
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Initial Calibration Verification:

In Read Mode

Pre Sample

Continuing Calibration Verification:

<u>10.00</u> SU	<u>11/12</u>	<u>107444</u>	<u>10.19</u> SU	<u>22.26</u> °C			(P) F
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Post Sample

Continuing Calibration Verification:

<u>7.00</u> SU	<u>11/11</u>	<u>096106</u>	<u>7.04</u> SU	<u>16.44</u> °C			(P) F
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Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

Site ID: Catfish Spring
Project: SPRG1110

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