

CALIBRATION and Continuing Calibration LOG

(FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: QD00976-Q+00970

1-6-06 version

Boldly "X" this box if there is qualified data on this page.

Date 12/9/10 Calibration Time (Pre Sample): 8:00 Post Sample Time: 18:30

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:

9.71 mg/L @ Temp. 15.81 °C % DO 97.9 P F

Calibrated Reading:

9.89 mg/L @ Temp. 15.64 °C % DO 99.4 P F

Pre Sample

Initial Calib. Verification:

10.02 mg/L @ Temp. 15.47 °C % DO 100.4 P F

Post Sample

Continuing Calib. Verification

9.72 mg/L @ Temp. 15.56 °C % DO 97.5 P F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	P F
<u>06/11</u>	<u>2912477</u>	<u>1600</u> μmhos/cm	<u>1001</u> μmhos/cm	<u>1001</u> μmhos/cm	P F

Pre Sample

Initial Calib. Verification:

<u>10/11</u>	<u>1009434</u>	<u>100</u> μmhos/cm	<u>98</u> μmhos/cm		P F
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Post Sample

Continuing Calib. Verification

<u>10/11</u>	<u>1009434</u>	<u>100</u> μmhos/cm	<u>96</u> μmhos/cm		P F
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pH

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

In Calibrate Mode

<u>7.00 SU</u>	<u>11/11</u>	<u>096106</u>	<u>7.10</u> SU	<u>5.03</u> °C	<u>6.98</u> SU	<u>5.39</u> °C	P F
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Initial Calibration Verification:

In Read Mode

Pre Sample

<u>10.06</u> SU	<u>09/11</u>	<u>095143</u>	<u>10.18</u> SU	<u>5.19</u> °C			P F
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Continuing Calibration Verification:

Post Sample

<u>10.06</u> SU	<u>09/11</u>	<u>095143</u>	<u>10.06</u> SU	<u>16.18</u> °C			P F
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Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

Site ID: Chassanowitzka
River
Project: SPR01010

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