

CALIBRATION and Continuing Calibration LOG

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

Meter ID: QD03586-0105429

1-6-06 version

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

Date 3/17/11 Calibration Time (Pre Sample): 11:00 Post Sample Time: 12:38 on 3/22/11

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:

4.4 8.86
9.19 mg/L @ Temp. 22.48 °C % DO 102.4 P F

Calibrated Reading:

Pre Sample

Initial Calib. Verification:

Post Sample

Continuing Calib. Verification

8.54 mg/L @ Temp. 22.85 °C % DO 99.4 P F
8.46 mg/L @ Temp. 22.62 °C % DO 98.1 P F
8.91 mg/L @ Temp. 22.16 °C % DO 102.1 P F

Specific Conductance

In Calibrate Mode

Calibration:

Pre Sample

Initial Calib. Verification:

Post Sample

Continuing Calib. Verification

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
<u>08/11</u>	<u>2002464</u>	<u>1000</u> μmhos/cm	<u>1017</u> μmhos/cm	<u>990</u> P F
<u>10/11</u>	<u>1004434</u>	<u>100</u> μmhos/cm	<u>96</u> μmhos/cm	P F
<u>08/11</u>	<u>2002464</u>	<u>1000</u> μmhos/cm	<u>996</u> μmhos/cm	P F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
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7.00 SU	<u>11/11</u>	<u>096106</u>	<u>7.11</u>	<u>19.39</u> °C	<u>7.07</u>	<u>20.78</u> °C
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Initial Calibration Verification: In Read Mode

Pre Sample

10.00 SU 09/11 095143 10.15 SU 18.58 °C P F

Continuing Calibration Verification:

Post Sample

7.00 SU 11/11 096106 7.19 SU 20.44 °C P F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

-car buoy cleaned with
liquinox on 3/18/11

Site ID: Chassahowitzka
river

Project:

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