

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

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

Meter ID: 1245I600 XLm

September 2008 GENERAL version

Date 5-15-13 Calibration Time: 6:31 Project Name: Santa Fe Nutrient study

All Times Are: ETZ or CTZ (circle one)

Circle/Fill In: Lab Calibration or Calibration on Site Holiday Inn Gainesville

Temperature (Monthly)

Date of Last Temperature Verification 5-1-13

Pass or Fail
P F

Ice Bath: Probe _____ °C NIST _____ °C Warm Bath: Probe _____ °C NIST _____ °C

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 9.09 mg/L @ Temp. 15.3 °C % DO 90.8 P F

Calibrated Reading: 10.01 mg/L @ Temp. 15.3 °C % DO 100.0 P F

In Run Mode

Initial Calib. Verification: 9.66 mg/L @ Temp. 16.6 °C % DO 99.1 P F

Specific Conductance

In Calibrate Mode

Calibration: 5/14 2211234 1000 1005 1000 P F
μmhos/cm μmhos/cm μmhos/cm

In Run Mode

Initial Calib. Verification: 5/14 2211370 100 101 P F
μmhos/cm μmhos/cm

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
7.0 SU	<u>3/14</u>	<u>121302</u>	<u>7.1</u>	<u>16.4</u> °C	<u>7.0</u>	<u>16.4</u> °C <u>P</u> F
4.0 SU	<u>9/14</u>	<u>126018</u>	<u>4.0</u>	<u>17.4</u> °C	<u>4.0</u>	<u>17.4</u> °C <u>P</u> F
10.0 SU	<u>6/13</u>	<u>112987</u>	<u>10.0</u>	<u>16.8</u> °C	<u>10.0</u>	<u>16.8</u> °C <u>P</u> F

In Run Mode

Initial Calib. Verification: 7 SU 3/14 121302 7.0 16.5 °C P F

Maintenance: Weekly PH Slope: _____

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

MSFmW 5
Site ID: MSFmW 6
Project: MSFmW 3
MSFmW 20
MSFmW 2

Chris Green
Print name of person performing calibrations.

Acceptance Criteria: (DO ±0.3mg/l) (Specific Conductance ± 5%) (pH ± 0.2SU) (Temperature ± 0.5°C) Warm bath Appx. 40°C
Record Temperature and pH to 1 decimal place; D.O. to 2 decimal places