

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: 101901

1-6-06 version

Date 12/21/11 Calibration Time (Pre Sample): 13:00 Post Sample Time: 18:00
wakulla springs 1/4/11

Circle/Fill In: Lab Calibration or Calibration on Site _____
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: 9.06 mg/L @ Temp. 21.71 °C % DO 104.1 P F
 Calibrated Reading: 8.81 mg/L @ Temp. 21.66 °C % DO 100.0 P F
 Pre Sample
 Initial Calib. Verification: 8.81 mg/L @ Temp. 21.66 °C % DO 100.0 P F
 Post Sample
 Continuing Calib. Verification _____ mg/L @ Temp. _____ °C % DO _____ P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode					
Calibration:	<u>7/12</u>	<u>2103755</u>	<u>100</u> µmhos/cm	<u>100</u> µmhos/cm	<u>100</u> P F
Pre Sample					
Initial Calib. Verification:	<u>7/12</u>	<u>2103755</u>	<u>100</u> µmhos/cm	<u>100</u> µmhos/cm	<u>100</u> P F
Post Sample					
Continuing Calib. Verification	<u>7/12</u>	<u>2103755</u>	<u>100</u> µmhos/cm	<u>109</u> µmhos/cm	<u>109</u> P F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
Initial Calibration:						
7.00 SU	<u>12/12</u>	<u>108043</u>	<u>6.90</u> SU	<u>22.04</u> °C	<u>7.00</u> SU	<u>22.09</u> °C P F
Initial Calibration Verification:						
Pre Sample						
7.00 SU	<u>12/12</u>	<u>108043</u>	<u>7.00</u> SU	<u>22.11</u> °C		<u>7.00</u> P F
Continuing Calibration Verification:						
Post Sample						
7.00 SU	<u>12/12</u>	<u>108043</u>	<u>6.98</u> SU	<u>22.23</u> °C		<u>6.98</u> P F

Maintenance Notes:

Specific Conductance Probe Cleaned? Y (N)
 Dissolved Oxygen Membrane Changed? Y (N)

Site ID: wakulla springs 1/4/11
 Project: _____

Edger G. Wade

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