

- pre - (1 of 2)

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: 12 YSI 600 XL m

September 2008 GENERAL version

Date 7-31-13 Calibration Time: 9:00 Project Name: Wakulla Springs "Quarterly"

All Times Are: (ETZ) or CTZ (circle one)

Circle/Fill In: Lab Calibration or Calibration on Site

Temperature (Monthly)

Date of Last Temperature Verification 7-22-13

Ice Bath: Probe 11.8 °C NIST 11.9 °C Warm Bath: Probe 41.3 °C NIST 41.4 °C

Pass or Fail
(P) F

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 8.58 mg/L @ Temp. 24.1 °C % DO 102.0 (P) F

Calibrated Reading: 8.39 mg/L @ Temp. 24.2 °C % DO 100.0 (P) F

In Run Mode

Initial Calib. Verification: 8.50 mg/L @ Temp. 23.8 °C % DO 99.9 (P) F

Specific Conductance

In Calibrate Mode

Calibration: 10/14 2304E85 1000 99.2 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

In Calibrate Mode
7.0 SU 2/14 120444 7.1 SU 23.1 °C 7.0 SU 23.1 °C (P) F

4.0 SU 3/15 131596 4.0 SU 23.1 °C 4.0 SU 23.1 °C (P) F

10.0 SU 3/14 121303 10.0 SU 22.9 °C 10.0 SU 22.9 °C (P) F

In Run Mode

Initial Calib. Verification: 7 SU 2/14 120444 7.0 SU 23.1 °C (P) F

Maintenance: Weekly PH Slope: _____ Specific Conductance Probe Cleaned? Y (N)
Notes: Dissolved Oxygen Membrane Changed? Y (N)

Site ID:
Project:

Chris Green
Print name of person performing calibrations.

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



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GROUND WATER MANAGEMENT

CALIBRATION LOG

METER ID # 12 YSL 600 XM

PRE-SAMPLE CALIBRATION (circle one) IN-LAB ON-SITE ON-SITE LOCATION _____

DATE see previous page TIME _____

POST-SAMPLE CALIBRATION (circle one) IN-LAB ON-SITE ON-SITE LOCATION _____

DATE 7-31-13 TIME 18:00

DISSOLVED OXYGEN

Reading Type	mg/L	Temp °C	% Sat	Pass or Fail
INITIAL				
CALIBRATION				
PRE-VERIFICATION				
POST-VERIFICATION	<u>8.47</u>	<u>23.93</u>	<u>100.0</u>	<u>P</u>

SPECIFIC CONDUCTANCE

Reading Type	Standard	Lot #	Exp. Date	µS/cm	Pass or Fail
INITIAL					
CALIBRATION					
PRE-VERIFICATION					
POST-VERIFICATION	<u>100</u>	<u>2211370</u>	<u>5/14</u>	<u>100</u>	<u>P</u>

pH

Reading Type	Standard	Lot #	Exp. Date	SU	Temp °C	Pass or Fail
INITIAL						
CALIBRATION						
PRE-VERIFICATION						
POST-VERIFICATION	<u>7.00</u>	<u>120444</u>	<u>2/14</u>	<u>7.00</u>	<u>23.21</u>	<u>P</u>

Acceptance Criteria: DO ± 0.3 mg/L Sp. Cond. + 5% pH ± 0.2 SU Temperature ± 0.2 °C

Was the Specific Conductance Probe cleaned? (circle one) YES NO

Was the Dissolved Oxygen Membrane changed? (circle one) YES NO

RQ & SITE IDs

SAMPLER NAMES & SIGNATURES (All team members present)

Edgar Wardle
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