

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

Meter ID: YSI 600XLM #11

Datalogger ID: #8

Sept 2008 version

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

Date 10-30-13 Calibration Time: 7:50 ETZ or CTZ Project Name: SPRG1307

Circle/Fill In: Lab Calibration or Calibration on Site

Temperature (Monthly) Please Use "Monthly Temperature Verification Log"

Date of Last Temperature Verification 10/13

Pass or Fail

P F

Dissolved Oxygen

In Run Mode

Initial Reading: 12.41 mg/L @ Temp. 20.1 °C % DO 137.2

P F

In Calibrate Mode (to temp.)

Calibrated Reading: 9.02 mg/L @ Temp. 20.4 °C % DO 100.0

P F

In Run Mode

Initial Calib. Verification: 8.91 mg/L @ Temp. 20.6 °C % DO 99.1

P F

Specific Conductance

In Calibrate Mode

Calibration: 10-14 2304685 1000 994 1000

P F

In Run Mode

Initial Calib. Verification: 5-14 221370 100 103

P F

pH

In Calibrate Mode (3-point calibration to temp.)

Standard	Exp. Date	Lot #	Initial Reading nearest 10 th	Temperature nearest 10 th	Calibrated Reading nearest 10 th	Temperature nearest 10 th
7.0 SU	<u>4-15</u>	<u>132908</u>	<u>7.1</u>	<u>19.0</u> °C	<u>7.0</u>	<u>19.1</u> °C
4.0 SU	<u>3-15</u>	<u>131596</u>	<u>4.0</u>	<u>19.0</u> °C	<u>4.0</u>	<u>19.0</u> °C
10.0 SU	<u>2-15</u>	<u>130972</u>	<u>10.0</u>	<u>19.0</u> °C	<u>10.0</u>	<u>19.0</u> °C

P F

P F

P F

Initial Calibration Verification:

In Run Mode

10 SU 2-15 130972 10.0 SU 19.0 °C

P F

Maintenance: Weekly PH Slope: _____

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

Site ID: Wakulla Springs
Project: Sampling

Paul Blair

Print name of person performing calibrations.

Acceptance Criteria: (DO ± 0.3mg/l of theoretical value) (Specific Conductance ± 5%) (pH ± 0.2 SU) (Temperature ± 0.5 °C)

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

Meter ID: YSI 600XLM #11

Datalogger ID: #8

Sept 2008 version

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

Date 10-30-13 Pre Sample Time: 7:50 Post Sample Time: 13:00
All Times Are: ETZ or CTZ (circle one)

Temperature (Monthly) Please Use "Monthly Temperature Verification Log"

Date of Last Temperature Verification 10/13

Pass or Fail

Dissolved Oxygen

In Run Mode Pre Sample 8.91 mg/L @ Temp. 20.6 °C % DO 99.1
nearest 100th nearest 10th nearest 10th P F
Post Sample 8.96 mg/L @ Temp. 20.7 °C % DO 100.1
nearest 100th nearest 10th nearest 10th P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	
In Run Mode Pre Sample	<u>5-14</u>	<u>2211370</u>	<u>100</u> µmhos/cm	<u>103</u> µmhos/cm	P F
Post Sample	<u>10-14</u>	<u>2304685</u>	<u>1000</u> µmhos/cm	<u>1008</u> µmhos/cm	P F

pH

	Standard	Exp. Date	Lot #	Initial Reading	Temperature	
In Run Mode Pre Sample	<u>10</u> SU	<u>2-15</u>	<u>130972</u>	<u>10.0</u> SU nearest 10 th	<u>19.0</u> °C nearest 10 th	P F
Post Sample	<u>4</u> SU	<u>3-15</u>	<u>131596</u>	<u>4.0</u> SU nearest 10 th	<u>20.8</u> °C nearest 10 th	P F

Notes:

Site ID: Wakulla Springs
Project: Sampling

Maintenance:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

Paul Blair
Print name of person performing calibrations.

Acceptance Criteria: (D.O. ± 0.3 mg/l of theoretical value) (Specific Conductance $\pm 5\%$) (pH ± 0.2 SU) (Temperature ± 0.5 °C)