

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 10-29-13 Calibration Time: 11:29 ETZ or CTZ Project Name: Wakulla Wells Springs
Circle/Fill In: Lab Calibration or Calibration on Site State Park ↓

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: 8.74 mg/L @ Temp. 20.7 °C % DO 97.6
nearest 100th nearest 10th nearest 10th (P) F

In Calibrate Mode (to temp.)

Calibrated Reading: 8.93 mg/L @ Temp. 20.9 °C % DO 100.0
nearest 100th nearest 10th nearest 10th (P) F

In Run Mode

Initial Calib. Verification: 8.87 mg/L @ Temp. 21.2 °C % DO 100.0
nearest 100th nearest 10th nearest 10th (P) F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode Calibration:	<u>10-14</u>	<u>2304C85</u>	<u>1000</u> µmhos/cm	<u>1003</u> µmhos/cm	<u>1000</u> µmhos/cm (P) F

In Run Mode

Initial Calib. Verification:	<u>11-13</u>	<u>1205241</u>	<u>100</u> µmhos/cm	<u>99</u> µmhos/cm	(P) F
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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>7.0</u>	<u>19.4</u> °C	<u>7.0</u>	<u>19.5</u> °C (P) F
4.0 SU	<u>3-15</u>	<u>131596</u>	<u>4.0</u>	<u>20.0</u> °C	<u>4.0</u>	<u>20.1</u> °C (P) F
10.0 SU	<u>2-15</u>	<u>130972</u>	<u>10.1</u>	<u>19.3</u> °C	<u>10.0</u>	<u>20.0</u> °C P F

Initial Calibration Verification:

In Run Mode

<u>10</u> SU	<u>2-15</u>	<u>130972</u>	<u>10.0</u>	<u>20.0</u> °C	(P) F
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Maintenance: Weekly PH Slope: _____

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

pH 7: -27.4
4: 135.0
10: _____

Site ID: Wakulla Springs
Project: Sampling

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 10-29-13 Pre Sample Time: 11:29 Post Sample Time: 16:00
 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 (P) F

Dissolved Oxygen

In Run Mode Pre Sample 8.87 mg/L @ Temp. 21.2 °C % DO 100.0
 nearest 10th nearest 10th nearest 10th P F
 Post Sample 8.38 mg/L @ Temp. 24.2 °C % DO 100.0
 nearest 10th nearest 10th nearest 10th (P) F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	
In Run Mode Pre Sample	<u>11-13</u>	<u>1205241</u>	<u>100</u>	<u>99</u>	P F
			µmhos/cm	µmhos/cm	
Post Sample	<u>10-8-13</u>	<u>2304085</u>	<u>1000</u>	<u>994</u>	P F
			µmhos/cm	µmhos/cm	

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	<u>20.0</u> °C	<u>(P)</u> F
				nearest 10 th	nearest 10 th	
Post Sample	<u>4</u> SU	<u>3-15</u>	<u>131596</u>	<u>4.1</u> SU	<u>23.0</u> °C	<u>(P)</u> F
				nearest 10 th	nearest 10 th	

Notes:

Site ID: Wakulla Springs
 Project: Sampling

Maintenance: Specific Conductance Probe Cleaned? Y N Paul Blas
 Dissolved Oxygen Membrane Changed? Y N Paul Blas
 Print name of person performing calibrations.

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