

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: YSI 1000 RM #11 Datalogger ID: YSI 650 #8 Sept 2008 version

Date 3/18/14 Calibration Time: 9:30 ETZ or CTZ (circle one) Project Name: SR RS 13.10
Circle/Fill In: Lab Calibration or Calibration on Site

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

Date of Last Temperature Verification 3/3/14

Pass or Fail

P F

Dissolved Oxygen

In Run Mode

Initial Reading:

10.72 mg/L @ Temp. 13.12 °C % DO 101.9
nearest 100th nearest 10th nearest 10th

P F

In Calibrate Mode (to temp.)

Calibrated Reading:

9.29 mg/L @ Temp. 18.9 °C % DO 100.0
nearest 100th nearest 10th nearest 10th

P F

In Run Mode

Initial Calib. Verification:

9.12 mg/L @ Temp. 19.8 °C % DO 99.9
nearest 100th nearest 10th nearest 10th

P F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
<u>4/15</u>	<u>2307012</u>	<u>1000</u>	<u>99.4</u>	<u>1000</u>
		µmhos/cm	µmhos/cm	µmhos/cm

P F

In Run Mode

Initial Calib. Verification:

<u>10/14</u>	<u>2304100</u>	<u>100</u>	<u>101</u>	
		µmhos/cm	µmhos/cm	

P F

pH

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

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
			nearest 10 th	nearest 10 th	nearest 10 th	nearest 10 th

7.0 SU	<u>4/15</u>	<u>132908</u>	<u>6.9</u>	SU <u>17.7</u> °C	<u>7.0</u>	SU <u>17.8</u> °C
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P F

4.0 SU	<u>9/12</u>	<u>126018</u>	<u>4.1</u>	SU <u>19.8</u> °C	<u>4.0</u>	SU <u>19.7</u> °C
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P F

10.0 SU	<u>2/15</u>	<u>130972</u>	<u>10.1</u>	SU <u>18.3</u> °C	<u>10.0</u>	SU <u>18.3</u> °C
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P F

Initial Calibration Verification:

In Run Mode

<u>10</u> SU	<u>2/15</u>	<u>130972</u>	<u>10.0</u>	SU <u>18.3</u> °C
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P F

Maintenance: Weekly PH Slope: _____

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

7 - (5.3)
4 - (161.0)
10 - (-167.6)

Site ID:

Project:

M. A. Eckles

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)