

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 600 XLM #11 Datalogger ID: YSI 650 #8 Sept 2008 version

Date: 6/17/14 Calibration Time: 12:00 ETZ or CTZ (circle one) Project Name: SPRS1410
Circle/Fill In: Lab Calibration or Calibration on Site MSF MW #3

Temperature (Monthly) Please Use "Monthly Temperature Verification Log" Date of Last Temperature Verification: 6/2/14 Pass or Fail ☒ P ☐ F

Dissolved Oxygen

In Run Mode Initial Reading: 7.49 mg/L @ Temp. 30.6 °C % DO 100.2 ☒ P ☐ F
nearest 100th nearest 10th nearest 10th
In Calibrate Mode (to temp.) Calibrated Reading: 7.42 mg/L @ Temp. 31.1 °C % DO 100.0 ☒ P ☐ F
nearest 100th nearest 10th nearest 10th
In Run Mode Initial Calib. Verification: 7.42 mg/L @ Temp. 31.2 °C % DO 100.1 ☒ P ☐ F
nearest 100th nearest 10th nearest 10th

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode Calibration:	<u>3/15</u>	<u>23167K1</u>	<u>1000</u> μ mhos/cm	<u>997</u> μ mhos/cm	<u>1000</u> μ mhos/cm ☒ P ☐ F
In Run Mode Initial Calib. Verification:	<u>10/14</u>	<u>2304006</u>	<u>100</u> μ mhos/cm	<u>100</u> μ mhos/cm	☒ 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>6.8</u>	<u>30.7</u> °C	<u>7.0</u>	<u>30.8</u> °C ☒ P ☐ F
4.0 SU	<u>3/15</u>	<u>131596</u>	<u>4.1</u>	<u>31.6</u> °C	<u>4.0</u>	<u>31.6</u> °C ☒ P ☐ F
10.0 SU	<u>2/15</u>	<u>130972</u>	<u>9.9</u>	<u>30.7</u> °C	<u>10.0</u>	<u>30.8</u> °C ☒ P ☐ F

Initial Calibration Verification:

In Run Mode

10 SU 2/15 130972 10.0 SU 30.8 °C ☒ P ☐ F

Maintenance: Weekly PH Slope: _____

Specific Conductance Probe Cleaned? ☒ Y ☐ N

Notes:

Dissolved Oxygen Membrane Changed? ☒ Y ☐ N

7.4 - (-10.2)
4.7 - (-147.7)
10 - (-179.0)

Site ID:

Project:

M. A. Eckels

Print name of person performing calibrations.

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