

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: IST 600 X/cm #11 Datalogger ID: IST 600 #8 Sept 2008 version

Date: 6/18/14 Calibration Time: 9:30 ETZ or CTZ (circle one) Project Name: SPRS/410
Circle/Fill In: Lab Calibration or Calibration on Site MSF MW #18 ↓

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: 7.97 mg/L @ Temp. 26.7 °C % DO 101.1 ☒ P ☐ F
nearest 100th nearest 10th nearest 10th
In Calibrate Mode (to temp.)
Calibrated Reading: 7.88 mg/L @ Temp. 27.7 °C % DO 100.0 ☒ P ☐ F
nearest 100th nearest 10th nearest 10th
In Run Mode
Initial Calib. Verification: 7.93 mg/L @ Temp. 27.4 °C % DO 100.2 ☒ 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>2310714</u>	<u>1000</u> ☒ P ☐ F µmhos/cm	<u>1003</u> ☒ P ☐ F µmhos/cm	<u>1000</u> ☒ P ☐ F µmhos/cm
In Run Mode Initial Calib. Verification:	<u>10/14</u>	<u>2304006</u>	<u>100</u> ☒ P ☐ F µmhos/cm	<u>100</u> ☒ P ☐ F µmhos/cm	

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>7.1</u> ☒ P ☐ F	<u>26.9</u> °C	<u>7.0</u> ☒ P ☐ F	<u>26.9</u> °C
4.0 SU	<u>3/15</u>	<u>131586</u>	<u>3.9</u> ☒ P ☐ F	<u>27.1</u> °C	<u>4.0</u> ☒ P ☐ F	<u>27.1</u> °C
10.0 SU	<u>2/15</u>	<u>130972</u>	<u>10.0</u> ☒ P ☐ F	<u>26.8</u> °C	<u>10.0</u> ☒ P ☐ F	<u>26.7</u> °C

Initial Calibration Verification:

In Run Mode

10 SU 4/15 130972 10.0 SU 26.7 °C ☒ P ☐ F

Maintenance: Weekly PH Slope: _____

Specific Conductance Probe Cleaned? ☒ Y ☐ N

Notes:

Dissolved Oxygen Membrane Changed? ☒ Y ☐ N

Site ID:

Project:

M. A. G. B.
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)