

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: YST 600 K1A #11

Datalogger ID: YST 650 #8

Sept 2008 version

Date 10/28/14 Calibration Time: 9:35 ETZ or CTZ (circle one) Project Name: SPRISLEY / 72514
Circle/Fill In: Lab Calibration or Calibration on Site MSF MWS #17 ↓ 72514

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

Date of Last Temperature Verification 10/1/14

Pass or Fail
P F

Dissolved Oxygen

In Run Mode

Initial Reading: 8.94 mg/L @ Temp. 21.6 °C % DO 101.5 ⊕ F
nearest 100th nearest 10th nearest 10th

In Calibrate Mode (to temp.)

Calibrated Reading: 8.82 mg/L @ Temp. 21.6 °C % DO 100.0 ⊕ F
nearest 100th nearest 10th nearest 10th

In Run Mode

Initial Calib. Verification: 8.82 mg/L @ Temp. 21.6 °C % DO 100.0 ⊕ F
nearest 100th nearest 10th nearest 10th

Specific Conductance

In Calibrate Mode
Calibration:

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
<u>1/14</u>	<u>730689</u>	<u>500</u>	<u>499</u>	<u>500</u>
		μmhos/cm	μmhos/cm	μmhos/cm

In Run Mode

Initial Calib. Verification: 12/14 7307729 100 101 ⊕ F
μmhos/cm μmhos/cm

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>1/16</u>	<u>140018</u>	<u>7.1</u>	<u>20.1</u> °C	<u>7.0</u>	<u>20.1</u> °C <u>⊕</u> F
4.0 SU	<u>1/16</u>	<u>130700</u>	<u>3.9</u>	<u>20.0</u> °C	<u>4.0</u>	<u>20.1</u> °C <u>⊕</u> F
10.0 SU	<u>2/15</u>	<u>130872</u>	<u>10.0</u>	<u>20.9</u> °C	<u>10.0</u>	<u>21.0</u> °C <u>⊕</u> F

Initial Calibration Verification:

In Run Mode

10 SU 2/15 130872 10.0 21.0 °C ⊕ F

Maintenance: Weekly PH Slope: _____

Specific Conductance Probe Cleaned? Y ⊕

Notes:

Dissolved Oxygen Membrane Changed? Y ⊕

Site ID:

Project:

MSF MWS #17

M.A. Fickler

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)