

CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: XSI 600XLM #11

Datalogger ID: #8

Sept 2008 version

Boldly "X" this box if there is qualified data on this page.

Date 8-20-13 Calibration Time: 11:05 ETZ or CTZ (circle one) Project Name: MSF Nutrient Study
 Circle/Fill In: Lab Calibration or Calibration on Site MSFMW #3

Temperature (Monthly) Please Use "Monthly Temperature Verification Log" Date of Last Temperature Verification 8-19-13

Pass or Fail P F

Dissolved Oxygen

In Run Mode

Initial Reading: 8.42 mg/L @ Temp. 29.3 °C % DO 110.1
 nearest 100th nearest 10th nearest 10th

P F

In Calibrate Mode (to temp.)

Calibrated Reading: 7.52 mg/L @ Temp. 30.3 °C % DO 100.0
 nearest 100th nearest 10th nearest 10th

P F

In Run Mode

Initial Calib. Verification: 7.39 mg/L @ Temp. 30.8 °C % DO 99.1
 nearest 100th nearest 10th nearest 10th

P F

Specific Conductance

In Calibrate Mode

Calibration: Exp. Date 10/14 Lot # 2304855 Standard 1000 Initial Reading 1001 Calibrated Reading 1000
 μmhos/cm μmhos/cm μmhos/cm

P F

In Run Mode

Initial Calib. Verification: 11/13 1205211 100 103
 μmhos/cm μmhos/cm μmhos/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>2/14</u>	<u>120444</u>	<u>6.8</u>	<u>27.8</u> °C	<u>7.0</u>	<u>27.9</u> °C
4.0 SU	<u>3/15</u>	<u>131596</u>	<u>4.1</u>	<u>28.5</u> °C	<u>4.0</u>	<u>28.5</u> °C
10.0 SU	<u>3/14</u>	<u>121303</u>	<u>10.0</u>	<u>27.9</u> °C	<u>10.0</u>	<u>28.0</u> °C

P F

P F

P F

Initial Calibration Verification:

In Run Mode

10 SU 3/14 121303 10.0 SU 28.0 °C

P F

Maintenance: Weekly PH Slope: _____

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

pH 7 = -15.3

4 = 146.9

10 = -178.2

Site ID:

Project:

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)