

CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)
 Meter ID: YSI 600XLM #11 Datalogger ID: #8 Sept 2008 version

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

Date: 12-16-13 Calibration Time: 14:48 ETZ or CTZ (circle one) Project Name: MSF MW 1312
 Circle/Fill In: Lab Calibration or Calibration on Site MW-3

Temperature (Monthly) Please Use "Monthly Temperature Verification Log"
 Date of Last Temperature Verification: 12/13 Pass or Fail P F

Dissolved Oxygen

In Run Mode

Initial Reading: 9.22 mg/L @ Temp. 26.1 °C % DO 113.7
 nearest 100th nearest 10th nearest 10th P F

In Calibrate Mode (to temp.)

Calibrated Reading: 8.17 mg/L @ Temp. 25.6 °C % DO 100.0
 nearest 100th nearest 10th nearest 10th P F

In Run Mode

Initial Calib. Verification: 8.23 mg/L @ Temp. 25.3 °C % DO 100.3
 nearest 100th nearest 10th nearest 10th P F

Specific Conductance

In Calibrate Mode
 Calibration: Exp. Date 1-15 Lot # 2307C12 Standard 1000 Initial Reading 1011 Calibrated Reading 1000 P F
 μmhos/cm μmhos/cm μmhos/cm

In Run Mode

Initial Calib. Verification: 9-14 2304388 100 101 P F
 μmhos/cm 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>2-14</u>	<u>120444</u>	<u>6.6</u>	<u>12.7</u> °C	<u>7.0</u>	<u>12.8</u> °C P F
4.0 SU	<u>3-15</u>	<u>131596</u>	<u>4.0</u>	<u>13.4</u> °C	<u>4.0</u>	<u>13.6</u> °C P F
10.0 SU	<u>3-14</u>	<u>121303</u>	<u>10.1</u>	<u>19.0</u> °C	<u>10.0</u>	<u>19.0</u> °C P F

Initial Calibration Verification:

In Run Mode
4 SU 3-15 131596 3.9 SU 13.8 °C P F

Maintenance: Weekly PH Slope: _____ Specific Conductance Probe Cleaned? Y N
Notes: Dissolved Oxygen Membrane Changed? Y N

pH 7° = -4.7
 4° = 147.3
 10° = -167.0

Site ID: MSF MW-3
 Project: SPRS1310

Paul Blair
 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)