

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: 8-22-13 Calibration Time: 8:00 ETZ or CTZ (circle one) Project Name: MSFNS

Circle/Fill In: Lab Calibration or Calibration on Site ↓

Temperature (Monthly) Please Use "Monthly Temperature Verification Log" 8/13 Pass or Fail
Date of Last Temperature Verification P F

Dissolved Oxygen

In Run Mode

Initial Reading: 7.48 mg/L @ Temp. 28.7 °C % DO 96.9 P F
nearest 100th nearest 10th nearest 10th

In Calibrate Mode (to temp.)

Calibrated Reading: 7.68 mg/L @ Temp. 29.1 °C % DO 100.0 P F
nearest 100th nearest 10th nearest 10th

In Run Mode

Initial Calib. Verification: 7.62 mg/L @ Temp. 29.5 °C % DO 99.9 P F
nearest 100th nearest 10th nearest 10th

Specific Conductance

In Calibrate Mode

Calibration: Exp. Date 10/14 Lot # 2304685 Standard 1000 Initial Reading 993 Calibrated Reading 1000 P F
μmhos/cm μmhos/cm μmhos/cm

In Run Mode

Initial Calib. Verification: 11/13 1205241 100 105 P 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>2/14</u>	<u>120444</u>	<u>7.1</u>	<u>28.1</u> °C	<u>7.0</u>	<u>28.1</u> °C
4.0 SU	<u>3/15</u>	<u>131596</u>	<u>4.0</u>	<u>28.2</u> °C	<u>4.0</u>	<u>28.2</u> °C
10.0 SU	<u>3/14</u>	<u>121303</u>	<u>10.0</u>	<u>28.1</u> °C	<u>10.0</u>	<u>28.1</u> °C

Initial Calibration Verification:

In Run Mode

10 SU 3/14 121303 10.0 SU 28.1 °C P F

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

Site ID:
Project:

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)