

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

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

Meter ID: 12 YSI 600 XLm

September 2008 GENERAL version

Date 5-9-13 Calibration Time: 6:16 Project Name: Santa Fe Nutrient Study

All Times Are: ETZ or CTZ (circle one)

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

Temperature (Monthly)

Date of Last Temperature Verification 5-1-13

Pass or Fail
P F

Ice Bath: Probe _____ °C NIST _____ °C Warm Bath: Probe _____ °C NIST _____ °C

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 9.58 mg/L @ Temp. 18.6 °C % DO 102.4 P F

Calibrated Reading: 9.35 mg/L @ Temp. 18.6 °C % DO 100.0 P F

In Run Mode

Initial Calib. Verification: 9.23 mg/L @ Temp. 19.9 °C % DO 101.3 P F

Specific Conductance

In Calibrate Mode

Calibration: Exp. Date 5/14 Lot # 2211234 Standard 1000 Initial Reading 999 Calibrated Reading 1000 P F
μmhos/cm μmhos/cm μmhos/cm

In Run Mode

Initial Calib. Verification: 9/14 2211370 100 101 P F
μmhos/cm μmhos/cm μmhos/cm

pH

Standard Exp. Date Lot # Initial Reading Temperature Calibrated Reading Temperature

In Calibrate Mode
7.0 SU 3/14 121302 7.0 SU 19.7 °C 7.0 SU 19.7 °C P F

4.0 SU 9/14 126018 4.0 SU 20.1 °C 4.0 SU 20.1 °C P F

10.0 SU 6/13 112987 10.0 SU 19.5 °C 10.0 SU 19.6 °C P F

In Run Mode

Initial Calib. Verification: 7 SU 3/14 121302 7.0 SU 19.8 °C P F

Maintenance: Weekly PH Slope: _____ Specific Conductance Probe Cleaned? Y N

Notes: Dissolved Oxygen Membrane Changed? Y N

MSFMW 11
Site ID: MSFMW 1
Project: MSFMW 4

Chris Green
Print name of person performing calibrations.

Acceptance Criteria: (DO ±0.3mg/l) (Specific Conductance ± 5%) (pH ± 0.2SU) (Temperature ±0.5 °C) Warm bath Appx. 40 °C
Record Temperature and pH to 1 decimal place; D.O. to 2 decimal places