

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 8-28-13 Calibration Time: 8:10:12 ETZ or CTZ (circle one) Project Name: MSFAS

Circle/Fill In: Lab Calibration or Calibration on Site Blue Spring

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

Date of Last Temperature Verification 8-13

Pass or Fail

P F

Dissolved Oxygen

In Run Mode

Initial Reading: 8.09 mg/L @ Temp. 26.3 °C % DO 100.2

nearest 100th

nearest 10th

nearest 10th

P F

In Calibrate Mode (to temp.)

Calibrated Reading: 8.04 mg/L @ Temp. 26.5 °C % DO 100.0

nearest 100th

nearest 10th

nearest 10th

P F

In Run Mode

Initial Calib. Verification: 8.02 mg/L @ Temp. 26.6 °C % DO 100.0

nearest 100th

nearest 10th

nearest 10th

P F

Specific Conductance

In Calibrate Mode
Calibration:

Exp. Date

Lot #

Standard

Initial Reading

Calibrated Reading

10/14

2304685

1000

1015

1000

P F

µmhos/cm

µmhos/cm

µmhos/cm

In Run Mode

Initial Calib. Verification: 11/13 1205241 100

µmhos/cm

101

µmhos/cm

P F

pH

In Calibrate Mode (3-point calibration to temp.)

Standard

Exp. Date

Lot #

Initial Reading
nearest 10th

Temperature
nearest 10th

Calibrated Reading
nearest 10th

Temperature
nearest 10th

7.0 SU 2-14 120494 6.9 SU 27.6 °C 7.0 SU 27.6 °C P F

4.0 SU 3-15 131596 4.0 SU 27.4 °C 4.0 SU 27.4 °C P F

10.0 SU 3-14 121303 10.0 SU 27.4 °C 10.0 SU 27.4 °C P F

Initial Calibration Verification:

In Run Mode

10 SU 3-14 121303 10.0 SU 27.5 °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)