

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 YSE 600 XL M

September 2008 GENERAL version

Date 8-25-14 Calibration Time: 7:33 Project Name: Middle Santa Fe 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 8-25-14

Pass or Fail
P F

Ice Bath: Probe 11.8 °C NIST 11.9 °C Warm Bath: Probe 41.9 °C NIST 42.0 °C

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 9.42 mg/L @ Temp. 108.66 °C % DO 108.2 P F

Calibrated Reading: 8.70 mg/L @ Temp. 22.3 °C % DO 100.0 P F

In Run Mode

Initial Calib. Verification: 8.60 mg/L @ Temp. 22.1 °C % DO 98.6 P F

Specific Conductance

In Calibrate Mode

Calibration: 3/15 2310714 1000 1004 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

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

In Calibrate Mode

7.0 SU 4/16 140018 7.0 SU 22.0 °C 7.0 SU 22.0 °C P F

4.0 SU 3/15 131596 4.0 SU 22.0 °C 4.0 SU 22.0 °C P F

10.0 SU 12/15 138049 10.0 SU 22.0 °C 10.0 SU 22.0 °C P F

In Run Mode

Initial Calib. Verification: 7 SU 4/16 140018 7.0 SU 22.0 °C P F

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

7 - 22.8 pHmV
4 - 146.0 pHmV
10 - 190.9 pHmV

Site ID:
Project:

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

CONTINUING 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 8-25-14 Mid-Day Time: _____ End-of-Day Time: 18:49

All Times Are: (ETZ) or CTZ (circle one)

Temperature (Monthly)

Date of Last Temperature Verification 8-25-14

Ice Bath: Probe 11.8 °C NIST 11.9 °C Warm Bath: Probe 41.9 °C NIST 42.0 °C

↓
Pass or Fail
(P) F

Dissolved Oxygen In Run Mode

Mid-Day _____ mg/L @ Temp. _____ °C % DO _____ P F

End-of-Day 8.51 mg/L @ Temp. 23.8 °C % DO 100.8 (P) F

Specific Conductance In Run Mode

Exp. Date Lot # Standard Reading

Mid-Day _____ μmhos/cm _____ μmhos/cm P F

End-of-Day 9/14 2304388 100 100 ca (P) F
11/14 2306509 500 503 (P)

pH In Run Mode

Bracketing Standard Exp. Date Lot # Reading Temperature

Mid-Day _____ SU _____ SU _____ °C P F

End-of-Day 10 SU 2/15 130972 10.0 SU 23.9 °C (P) F

Notes:

Site ID:
Project:

Maintenance:

Specific Conductance Probe Cleaned?

Y (N)

Dissolved Oxygen Membrane Changed:

Y (N)

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