

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 600XLm

September 2008 GENERAL version

Date 3-26-14 Calibration Time: 7:00 Project Name: Middle Santa Fe MSFNS

All Times Are: ETZ or CTZ (circle one)

Circle/Fill In: Lab Calibration or Calibration on Site

Temperature (Monthly)

Date of Last Temperature Verification 3-10-14

Ice Bath: Probe 11.1 °C NIST 11.2 °C Warm Bath: Probe 40.8 °C NIST 40.9 °C

Pass or Fail
P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 9.33 mg/L @ Temp. 19.3 °C % DO 101.3 P F

Calibrated Reading: 9.21 mg/L @ Temp. 19.3 °C % DO 100.0 P F

In Run Mode

Initial Calib. Verification: 9.30 mg/L @ Temp. 19.0 °C % DO 100.3 P F

Specific Conductance

In Calibrate Mode

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	Pass or Fail
<u>4/15</u>	<u>2307012</u>	<u>1000</u> µmhos/cm	<u>1001</u> µmhos/cm	<u>1000</u> µmhos/cm	<u>P</u> F

In Run Mode

<u>4/15</u>	<u>2307012</u>	<u>1000</u> µmhos/cm	<u>1001</u> µmhos/cm	<u>1000</u> µmhos/cm	<u>P</u> F
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pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	Pass or Fail
<u>7.0 SU</u>	<u>4/15</u>	<u>132908</u>	<u>7.0</u>	<u>18.5</u> °C	<u>7.0</u>	<u>18.5</u> °C	<u>P</u> F
<u>4.0 SU</u>	<u>3/15</u>	<u>131596</u>	<u>4.0</u>	<u>19.4</u> °C	<u>4.0</u>	<u>19.4</u> °C	<u>P</u> F
<u>10.0 SU</u>	<u>2/15</u>	<u>130972</u>	<u>10.0</u>	<u>19.6</u> °C	<u>10.0</u>	<u>19.6</u> °C	<u>P</u> F

In Calibrate Mode

7.0 SU 4/15 132908 7.0 SU 18.5 °C 7.0 SU 18.5 °C P F

4.0 SU 3/15 131596 4.0 SU 19.4 °C 4.0 SU 19.4 °C P F

10.0 SU 2/15 130972 10.0 SU 19.6 °C 10.0 SU 19.6 °C P F

In Run Mode

Initial Calib. Verification: 7 SU 4/15 132908 7.0 SU 18.6 °C P F

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

7 - 712.4 pHmV

4 - 158.8 pHmV

10 - 7184.2 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