

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 XL2

September 2008 GENERAL version

Date 3-27-14 Calibration Time: 6:38 Project Name: MSFNS

All Times Are: ETZ or CTZ (circle one)

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

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: 11.36 mg/L @ Temp. 10.4 °C % DO 101.5 P F

Calibrated Reading: 11.18 mg/L @ Temp. 10.4 °C % DO 100.0 P F

In Run Mode

Initial Calib. Verification: 10.88 mg/L @ Temp. 11.5 °C % DO 99.7 P F

Specific Conductance

In Calibrate Mode

Calibration:	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	Pass or Fail
	<u>1/15</u>	<u>2307212</u>	<u>1000</u> µmhos/cm	<u>1000</u> µmhos/cm	<u>1000</u> µmhos/cm	<u>P</u> F

In Run Mode

Initial Calib. Verification:	<u>10/14</u>	<u>2304006</u>	<u>100</u> µmhos/cm	<u>100</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
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In Calibrate Mode

7.0 SU	<u>4/15</u>	<u>132908</u>	<u>7.0</u>	<u>12.8</u> °C	<u>7.0</u>	<u>12.8</u> °C	<u>P</u> F
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4.0 SU	<u>3/15</u>	<u>131596</u>	<u>4.0</u>	<u>13.1</u> °C	<u>4.0</u>	<u>13.1</u> °C	<u>P</u> F
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10.0 SU	<u>2/15</u>	<u>130972</u>	<u>10.0</u>	<u>13.1</u> °C	<u>10.0</u>	<u>13.1</u> °C	<u>P</u> F
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In Run Mode

Initial Calib. Verification:	<u>7</u> SU	<u>4/15</u>	<u>132908</u>	<u>7.0</u>	<u>12.8</u> °C		<u>P</u> F
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Maintenance: Weekly PH Slope: _____

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

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