

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

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

Meter ID: 12 YSI 600 XLm

September 2008 GENERAL version

Date 12-18-13 Calibration Time: 6:38 Project Name: MSFNS

All Times Are: ETZ or CTZ (circle one)

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

Temperature (Monthly)

Date of Last Temperature Verification 12-2-13

Ice Bath: Probe 11.1 °C NIST 11.2 °C Warm Bath: Probe 41.1 °C NIST 41.3 °C

Pass or Fail
P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 10.26 mg/L @ Temp. 15.7 °C % DO 103.3 P F

Calibrated Reading: 9.92 mg/L @ Temp. 15.8 °C % DO 100.0 P F

In Run Mode

Initial Calib. Verification: 9.82 mg/L @ Temp. 16.0 °C % DO 99.5 P F

Specific Conductance

In Calibrate Mode

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
<u>12/15</u>	<u>2307212</u>	<u>1000</u> µmhos/cm	<u>1001</u> µmhos/cm	<u>1000</u> <u>P</u> F µmhos/cm

In Run Mode

Initial Calib. Verification:	<u>5/14</u>	<u>2211370</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
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In Calibrate Mode

7.0 SU	<u>3/14</u>	<u>121302</u>	<u>7.0</u>	<u>16.8</u> °C	<u>7.0</u>	<u>16.8</u> °C <u>P</u> F
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4.0 SU	<u>4/14</u>	<u>126018</u>	<u>4.0</u>	<u>16.9</u> °C	<u>4.0</u>	<u>16.9</u> °C <u>P</u> F
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10.0 SU	<u>3/14</u>	<u>121303</u>	<u>10.0</u>	<u>16.6</u> °C	<u>10.0</u>	<u>16.6</u> °C <u>P</u> F
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In Run Mode

Initial Calib. Verification:	<u>7</u> SU	<u>3/14</u>	<u>121302</u>	<u>7.0</u>	<u>16.8</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

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

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Meter ID: 1245I 600 XLM

September 2008 GENERAL version

Date 12-18-13 Mid-Day Time: End-of-Day Time: 16:20

All Times Are: ETZ or CTZ (circle one)

Temperature (Monthly)

Date of Last Temperature Verification 12-2-13

Ice Bath: Probe 11.1 °C NIST 11.2 °C Warm Bath: Probe 41.1 °C NIST 41.3 °C

Pass or Fail
P F

Dissolved Oxygen In Run Mode

Mid-Day mg/L @ Temp. °C % DO P F

End-of-Day 9.48 mg/L @ Temp. 18.1 °C % DO 100.1 P F

Specific Conductance In Run Mode

Exp. Date	Lot #	Standard	Reading	
Mid-Day <u> </u>	<u> </u>	<u> </u>	<u> </u>	P F
		µmhos/cm	µmhos/cm	

End-of-Day <u>11/2</u>	<u>3307012</u>	<u>1000</u>	<u>1003</u>	<u>P</u> F
		µmhos/cm	µmhos/cm	

pH In Run Mode

Bracketing Standard	Exp. Date	Lot #	Reading	Temperature	
Mid-Day <u> </u> SU	<u> </u>	<u> </u>	<u> </u> SU	<u> </u> °C	P F
End-of-Day <u>4</u> SU	<u>3/15</u>	<u>131596</u>	<u>4.0</u> SU	<u>19.2</u> °C	<u>P</u> F
<u>10</u>	<u>2/15</u>	<u>130972</u>	<u>10.0</u>	<u>19.3</u>	<u>P</u>

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