

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 10-29-14 Calibration Time: 7:04 Project Name: Middle Santa Fe Restoration Project

All Times Are: ETZ or CTZ (circle one)

Circle/Fill In: Lab Calibration or Calibration on Site

Temperature (Monthly)

Date of Last Temperature Verification 10-01-14



Ice Bath: Probe 13.3 °C NIST 13.4 °C Warm Bath: Probe 37.6 °C NIST 37.7 °C

Pass or Fail

P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 9.97 mg/L @ Temp. 16.88 °C % DO 102.9 P F

Calibrated Reading: 9.67 mg/L @ Temp. 16.97 °C % DO 100.0 P F

In Run Mode

Initial Calib. Verification: 9.59 mg/L @ Temp. 17.08 °C % DO 99.4 P F

Specific Conductance

In Calibrate Mode

Calibration:	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
	<u>9/15</u>	<u>2402978</u>	<u>1000</u> µmhos/cm	<u>1000</u> µmhos/cm	<u>1000</u> <u>P</u> F µmhos/cm

In Run Mode

Initial Calib. Verification:	<u>12/14</u>	<u>2307729</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>1/16</u>	<u>140018</u>	<u>7.00</u> SU	<u>17.02</u> °C	<u>7.00</u> SU	<u>17.02</u> °C <u>P</u> F
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4.0 SU	<u>3/15</u>	<u>131596</u>	<u>4.01</u> SU	<u>17.11</u> °C	<u>4.00</u> SU	<u>17.11</u> °C <u>P</u> F
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10.0 SU	<u>12/15</u>	<u>138049</u>	<u>10.00</u> SU	<u>17.08</u> °C	<u>10.00</u> SU	<u>17.08</u> °C <u>P</u> F
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In Run Mode

Initial Calib. Verification:	<u>7</u> SU	<u>1/16</u>	<u>140018</u>	<u>7.00</u> SU	<u>17.04</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

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

Meter ID: 12 YSI 600 XLM

September 2008 GENERAL version

Date 10-29-14 Mid-Day Time: _____ End-of-Day Time: 17:45

All Times Are: ETZ or CTZ (circle one)

Temperature (Monthly)

Date of Last Temperature Verification 10-01-14

Ice Bath: Probe 13.3 °C NIST 13.4 °C Warm Bath: Probe 37.6 °C NIST 37.7 °C

Pass or Fail
P F

Dissolved Oxygen In Run Mode

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

End-of-Day 8:33 mg/L @ Temp. 25.30 °C % DO 101.3 P F

Specific Conductance In Run Mode

Exp. Date Lot # Standard Reading

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

End-of-Day 4/15 140402A 500 498 P F
6/15 2312751 5000 5006 P

pH In Run Mode

Bracketing Standard Exp. Date Lot # Reading Temperature

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

End-of-Day 10 SU 12/15 138049 10.03 SU 24.89 °C P F
4 3/15 131596 4.01 24.76 P

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 ± 0.3 mg/l) (Specific Conductance $\pm 5\%$) (pH ± 0.2 SU) (Temperature ± 0.5 °C) Warm bath Appx. 40 °C
Record Temperature and pH to 1 decimal place; D.O. to 2 decimal places