

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 5-8-13 Calibration Time: 6:28 Project Name: Santa Fe Nutrient Study

All Times Are: ETZ or CTZ (circle one)

Circle/Fill In: Lab Calibration or Calibration on Site Holiday Inn

Temperature (Monthly)

Date of Last Temperature Verification 5-1

Pass or Fail

Ice Bath: Probe _____ °C NIST _____ °C Warm Bath: Probe _____ °C NIST _____ °C

P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 9.93 mg/L @ Temp. 16.3 °C % DO 101.2 P F

Calibrated Reading: 9.79 mg/L @ Temp. 16.4 °C % DO 100.0 P F

In Run Mode

Initial Calib. Verification: 9.23 mg/L @ Temp. 18.1 °C % DO 97.7 P F

Specific Conductance

In Calibrate Mode

Calibration:	<u>5/14</u>	<u>221/234</u>	<u>1000</u> µmhos/cm	<u>998</u> µmhos/cm	<u>1000</u> <u>P</u> F
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In Run Mode

Initial Calib. Verification:	<u>5/14</u>	<u>221/370</u>	<u>100</u> µmhos/cm	<u>99</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>7.1</u>	SU <u>20.1</u> °C	<u>7.0</u>	SU <u>20.2</u> °C <u>P</u> F
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4.0 SU	<u>9/14</u>	<u>126018</u>	<u>4.0</u>	SU <u>19.1</u> °C	<u>4.0</u>	SU <u>19.3</u> °C <u>P</u> F
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10.0 SU	<u>6/13</u>	<u>112987</u>	<u>10.0</u>	SU <u>18.0</u> °C	<u>10.0</u>	SU <u>18.0</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> SU <u>20.2</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

MSFMW17

Site ID: MSFMW7

Project: MSFMW15
MSFMW12

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