

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: 12451600 XLIM

September 2008 GENERAL version

Date 5-14-13 Calibration Time: 7:07 Project Name: Santa Fe Nutrient Study

All Times Are: ETZ or CTZ (circle one)

Circle/Fill In: Lab Calibration or Calibration on Site

Temperature (Monthly) Date of Last Temperature Verification 5-1-13

↓
Pass or Fail
P F

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

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 8.95 mg/L @ Temp. 20.2 °C % DO 98.8 P F

Calibrated Reading: 9.06 mg/L @ Temp. 20.2 °C % DO 100.0 P F

In Run Mode

Initial Calib. Verification: 8.55 mg/L @ Temp. 20.4 °C % DO 99.8 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode					
Calibration:	<u>5/14</u>	<u>2211234</u>	<u>1000</u> µmhos/cm	<u>998</u> µmhos/cm	<u>1000</u> <u>P</u> F

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Run Mode					
Initial Calib. Verification:	<u>11/13</u>	<u>1205241</u>	<u>100</u> µmhos/cm	<u>99</u> µmhos/cm	<u>P</u> F

pH

	Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
In Calibrate Mode							
7.0 SU	<u>3/14</u>	<u>121302</u>	<u>6.9</u> SU	<u>20.0</u> °C	<u>7.0</u> SU	<u>19.9</u> °C	<u>P</u> F
4.0 SU	<u>9/14</u>	<u>126018</u>	<u>4.0</u> SU	<u>20.5</u> °C	<u>4.0</u> SU	<u>20.5</u> °C	<u>P</u> F
10.0 SU	<u>3/14</u>	<u>121303</u>	<u>10.0</u> SU	<u>20.4</u> °C	<u>10.0</u> SU	<u>20.4</u> °C	<u>P</u> F

In Run Mode

Initial Calib. Verification: 7 SU 3/14 121302 7.0 SU 19.9 °C P F

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

7 - 16.1 pHmV
4 - 158.7 pHmV
10 - 190.5 pHmV

MSFMW 13
Site ID: MSFMW 9
Project: MSFMW 8
MSFMW 10

Chris Brown
Print name of person performing calibrations.
Edgar Hernandez

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