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 600XLM — **September 2008 GENERAL** version

Date 12-17-13 Calibration Time: 7:01 Project Name: ~~Santa Fe~~ MSFNS cc

All Times Are: (ETZ) or CTZ (circle one)

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

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

Dissolved Oxygen

In Calibrate Mode
Initial Reading: 10.05 mg/L @ Temp. 16.5 °C % DO 103.1 P (F)

Calibrated Reading: 9.76 mg/L @ Temp. 16.5 °C % DO 100.0 (P) F

In Run Mode
Initial Calib. Verification: 9.86 mg/L @ Temp. 15.9 °C % DO 100.3 (P) F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode Calibration:	1/15	2307c12	1000 µmhos/cm	1007 µmhos/cm	1000 µmhos/cm	(P) F
In Run Mode Initial Calib. Verification:	5/14	2211370	100 µmhos/cm	101 µmhos/cm		(P) F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode 7.0 SU	4/15	132908	7.0 SU	16.8 °C	7.0 SU	16.8 °C	(P) F
4.0 SU	3/15	131596	4.1 SU	16.8 °C	4.0 SU	16.8 °C	(P) F
10.0 SU	2/15	130972	10.1 SU	17.0 °C	10.0 SU	17.0 °C	(P) F
In Run Mode Initial Calib. Verification: 7 SU	4/15	132908	7.0 SU	16.8 °C			(P) F

Maintenance: Weekly PH Slope: _____ Specific Conductance Probe Cleaned? Y (N)

Notes: Dissolved Oxygen Membrane Changed? Y (N)

7 – -29.6 pHmV

4 – 123.6 pHmV

10 – -188.0 pHmV

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

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

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

Meter ID: 12 YSI 600 XL M **September 2008 GENERAL** version

Date 12-17-13 Mid-Day Time: — End-of-Day Time: 18:58

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* CC

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

End-of-Day 8.89 mg/L @ Temp. 21.0 °C % DO 99.8 (P) F

Specific Conductance *In Run Mode*

	Exp. Date	Lot #	Standard µmhos/cm	Reading µmhos/cm	
Mid-Day	—	—	—	—	P F
End-of-Day	1/15	230212	1000	1003	(P) F

pH *In Run Mode*

	Bracketing Standard	Exp. Date	Lot #	Reading	Temperature	
Mid-Day	— SU	—	—	— SU	— °C	P F
End-of-Day	10 SU	3/14	121303	10.0 SU	23.9 °C	(P) F
	4	9/14	126018	4.0	23.6	(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 ±0.3mg/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