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 6-17-14 Calibration Time: 7:07 Project Name: Santa Fe Study 22LR1405

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

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

Temperature (Monthly) *Date of Last Temperature Verification* 5-20-14 *Pass or Fail*

Ice Bath: Probe 12.6 °C NIST 12.7 °C Warm Bath: Probe 42.0 °C NIST 42.1 °C (P) F

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 8.16 mg/L @ Temp. 23.0 °C % DO 95.0 P (F)

Calibrated Reading: 8.58 mg/L @ Temp. 23.0 °C % DO 100.0 (P) F

In Run Mode

Initial Calib. Verification: 8.66 mg/L @ Temp. 22.9 °C % DO 101.3 (P) F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode Calibration:	3/15	2310714	1000 µmhos/cm	1002 µmhos/cm	1000 µmhos/cm	(P) F
In Run Mode Initial Calib. Verification:	9/14	2304388	100 µmhos/cm	100 µmhos/cm		(P) F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode 7.0 SU	1/16	140018	7.0 SU	22.2 °C	7.0 SU	22.2 °C	(P) F
4.0 SU	3/15	131596	4.0 SU	22.3 °C	4.0 SU	22.3 °C	(P) F
10.0 SU	12/15	138049	~~10.0~~ cc 10.1 SU	22.2 °C	10.0 SU	22.2 °C	(P) F
In Run Mode Initial Calib. Verification: 7 SU	1/16	140018	7.0 SU	22.2 °C			(P) F

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

Notes: Dissolved Oxygen Membrane Changed? Y (N)

7 ~ -18.4 pHmV

4 ~ 150.5 pHmV

10 ~ -192.1 pHmV

22-LR-8021
Site ID:

QA/QC BLANK SW 3

22LR1405

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

September 2008 GENERAL version

Date 6-17-14 Mid-Day Time: _____ End-of-Day Time: 18:39

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

Temperature (Monthly) *Date of Last Temperature Verification* 5-20-14

Ice Bath: Probe 12.6 °C NIST 12.7 °C Warm Bath: Probe 42.0 °C NIST 42.1 °C

Pass or Fail (P) F

Dissolved Oxygen *In Run Mode*

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

End-of-Day 7.96 mg/L @ Temp. 98.9 °C % DO 26.1 (P) F

Specific Conductance *In Run Mode*

	Exp. Date	Lot #	Standard	Reading	
Mid-Day	_____	_____	_____ µmhos/cm	_____ µmhos/cm	P F
End-of-Day	11/14	2306509	500 µmhos/cm	501 µmhos/cm	(P) F

pH *In Run Mode*

	Bracketing Standard	Exp. Date	Lot #	Reading	Temperature	
Mid-Day	____ SU	_____	_____	_____ SU	_____ °C	P F
End-of-Day	4 SU	3/15	131596	4.0 SU	24.6 °C	(P) F
	10	2/15	130972	10.0	24.5	(P)

Notes:

22-LR-5021
Site ID:

QA/QC BLANK SW 3
22LR1405

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