PRE

Figure 23. Calibration Log

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

September 2008 version

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

Meter ID: QD03629

Date 7/1/2011 Calibration Time: 8:00 Project Name: wakulla springs 1/4 ↓

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

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

Temperature (Monthly) *Date of Last Temperature Verification* _____

Ice Bath: Probe _____ °C NIST _____ °C Warm Bath: Probe _____ °C NIST _____ °C *Pass or Fail* P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 8.54 mg/L @ Temp. 23.11 °C % DO 100 (P) F

Calibrated Reading: 8.55 mg/L @ Temp. 23.11 °C % DO 100 (P) F

In Run Mode

Initial Calib. Verification: 8.56 mg/L @ Temp. 23.12 °C % DO 100 (P) F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode Calibration:	8/2011	2002463	100 µmhos/cm	96 µmhos/cm	100 µmhos/cm (P) F
	8/2011	2002464	1000 µmhos/cm	1008 µmhos/cm	1001 (P) F
In Run Mode Initial Calib. Verification:	8/2011	2002463	100 µmhos/cm	98 µmhos/cm	100 (P) F
	8/2011	2002464	1000 µmhos/cm	1007 µmhos/cm	1001 (P) F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
Initial Calibration:		*In Calibrate Mode*					
7.0 SU	12/2012	108043	7.04 SU	22.97 °C	7.01 SU	22.98 °C	(P) F
~~4.0 SU~~	~~_____~~	~~_____~~	~~_____ SU~~	~~_____ °C~~	~~_____ SU~~	~~_____ °C~~	~~P F~~
10.0 SU	11/2012	107444	10.03 SU	22.89 °C	10.00 SU	22.90 °C	(P) F
Initial Calibration Verification:		*In Run Mode*					
7.0 SU	12/2012	108043	7.01 SU	23.00 °C			(P) F

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

Notes: Dissolved Oxygen Membrane Changed? Y (N)

Site ID: wakulla
Project: springs 1/4

Edgar Wade
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

POST

CONTINUING CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)
September 2008 version

Meter ID: QD03629

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

Date 7/1/2011 Mid-Day Time: ~~_____~~ End-of-Day Time: 16:00

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

Temperature (Monthly) *Date of Last Temperature Verification* _____

Ice Bath: Probe_____°C NIST_____°C Warm Bath: Probe_____°C NIST_____°C

Pass or Fail P F

Dissolved Oxygen *In Run Mode*

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

End-of-Day 8.39 mg/L @ Temp. 24.21 °C % DO 100 (P) F

Specific Conductance ***In Run Mode***

	Exp. Date	Lot #	Standard	Initial Reading	
~~*Mid-Day*~~	~~_____~~	~~_____~~	~~_____ µmhos/cm~~	~~_____ µmhos/cm~~	~~P F~~
End-of-Day	8/2011	2002463	100	101	(P) F
	8/2011	2002464	~~µmhos/cm~~ 1000	1002	(P) F

pH *In Run Mode*

	Bracketing Standard	Exp. Date	Lot #	Initial Reading	Temperature	
~~*Mid-Day*~~	~~_____ SU~~	~~_____~~	~~_____~~	~~_____ SU~~	~~_____ °C~~	~~P F~~
End-of-Day	7.0 SU	12/2012	108043	7.01 SU	24.23 °C	P F
	10.0	11/2012	107444	10.00	24.27	(P) F

Notes:

Site ID: wakulla springs 1/4

Maintenance: Specific Conductance Probe Cleaned? Y (N)
Dissolved Oxygen Membrane Changed: Y (N)

Edgar Wade
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