

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

CALIBRATION and Continuing Calibration LOG

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

Meter ID: 41 Q700 Q7000228 - Q7000227 1-6-06 version

Date 2/11/09 Calibration Time (Pre Sample): 11:25 Post Sample Time: 11:50 on 2/12/09

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

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: 9.07 mg/L @ Temp. 21.25 °C % DO 101.7 (P) F

Calibrated Reading: 8.80 mg/L @ Temp. 21.59 °C % DO 99.9 (P) F

Pre Sample

Initial Calib. Verification: 8.76 mg/L @ Temp. 21.64 °C % DO 99.3 (P) F

Post Sample

Continuing Calib. Verification: 8.42 mg/L @ Temp. 22.39 °C % DO 97.1 (P) F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode Calibration:	<u>03/09</u>	<u>4803126</u>	<u>1000</u> $\mu\text{mhos/cm}$	<u>984</u> $\mu\text{mhos/cm}$	<u>1000</u> (P) F
Pre Sample Initial Calib. Verification:	<u>07/09</u>	<u>2807533</u>	<u>100</u> $\mu\text{mhos/cm}$	<u>101</u> $\mu\text{mhos/cm}$	(P) F
Post Sample Continuing Calib. Verification:	<u>06/09</u>	<u>2712241</u>	<u>10,000</u> $\mu\text{mhos/cm}$	<u>10,060</u> $\mu\text{mhos/cm}$	(P) F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
In Initial Calibration:						
7.00 SU	<u>01/10</u>	<u>076877</u>	<u>6.92</u> SU	<u>20.69</u> °C	<u>7.00</u> SU	<u>20.78</u> °C (P) F
In Initial Calibration Verification:						
Pre Sample 10.00 SU	<u>12/09</u>	<u>076518</u>	<u>9.89</u> SU	<u>21.53</u> °C		(P) F
Continuing Calibration Verification:						
Post Sample 7.00 SU	<u>01/10</u>	<u>076877</u>	<u>6.95</u> SU	<u>22.81</u> °C		(P) F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

Site ID: Weeki-Wachee

Project: SPR60901

Opened new pH sol'n 7.00
Rec'd 3/24/08 lot# 076877

Laura Hester

Print name of person performing calibrations.

Acceptance Criteria: (DO $\pm 0.3\text{mg/l}$) (Specific Conductance $\pm 5\%$) (pH $\pm 0.2\text{SU}$) (Temperature $\pm 0.2^\circ\text{C}$) Warm bath Appx. 40°C