

CALIBRATION and Continuing 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: QD02228 - Q+02027 1-6-06 version

Date 11/5/09 Calibration Time (Pre Sample): 10:42 Post Sample Time: 15:40

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: <u>8.03</u> mg/L @ Temp. <u>26.32</u> °C	% DO <u>98.2</u>	☐ P ☐ F
Calibrated Reading: <u>8.06</u> mg/L @ Temp. <u>26.05</u> °C	% DO <u>99.7</u>	☐ P ☐ F
Pre Sample		
Initial Calib. Verification: <u>8.21</u> mg/L @ Temp. <u>25.74</u> °C	% DO <u>100.9</u>	☐ P ☐ F
Post Sample		
Continuing Calib. Verification: <u>8.01</u> mg/L @ Temp. <u>27.32</u> °C	% DO <u>101.2</u>	☐ P ☐ F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode						
Calibration:	<u>01/11</u>	<u>0244</u>	<u>2907738</u> 1000 $\mu\text{mhos/cm}$	<u>1014</u> $\mu\text{mhos/cm}$	<u>1000</u> $\mu\text{mhos/cm}$	☐ P ☐ F
Pre Sample						
Initial Calib. Verification:	<u>02/11</u>	<u>0908330</u>	<u>100</u> $\mu\text{mhos/cm}$	<u>101</u> $\mu\text{mhos/cm}$		☐ P ☐ F
Post Sample						
Continuing Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u> $\mu\text{mhos/cm}$	<u>100</u> $\mu\text{mhos/cm}$		☐ P ☐ F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode							
7.00 SU	<u>04/10</u>	<u>082161</u>	<u>7.05</u> SU	<u>21.10</u> °C	<u>7.00</u> SU	<u>21.27</u> °C	☐ P ☐ F
Initial Calibration Verification: In Read Mode							
Pre Sample							
<u>10.00</u> SU	<u>07/10</u>	<u>083289</u>	<u>10.19</u> SU	<u>23.09</u> °C			☐ P ☐ F
Continuing Calibration Verification:							
Post Sample							
<u>10.00</u> SU	<u>07/10</u>	<u>083289</u>	<u>10.16</u> SU	<u>25.07</u> °C			☐ P ☐ F

Maintenance Specific Conductance Probe Cleaned? Y ☐ N ☒
Notes: Dissolved Oxygen Membrane Changed? Y ☐ N ☒

Site ID: Weeki-wachee

Project: SPRG0910

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