

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: ^{UH} Q202 QD00976-Q100970

1-6-06 version

Date 12/9/09 Calibration Time (Pre Sample): 12:18 Post Sample Time: 16:20

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: 9.30 mg/L @ Temp 23.97 °C % DO 110.9 P ☒ F

Calibrated Reading: 8.39 mg/L @ Temp 23.96 °C % DO 99.8 P ☐ F

Pre Sample

Initial Calib. Verification: 8.46 mg/L @ Temp 23.82 °C % DO 100.6 P ☐ F

Post Sample

Continuing Calib. Verification 8.56 mg/L @ Temp 24.35 °C % DO 102.3 P ☐ F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode					
Calibration:	<u>01/11</u>	<u>02711</u>	<u>2907738</u> 1000 $\mu\text{mhos/cm}$	<u>993</u> $\mu\text{mhos/cm}$	<u>1000</u> P ☐ F
Pre Sample					
Initial 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
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 Initial Calibration:						
7.00 SU	<u>04/10</u>	<u>002161</u>	<u>6.99</u> SU	<u>22.64</u> °C	<u>7.00</u> SU	<u>22.69</u> °C P ☐ F

Initial Calibration Verification:

In Read Mode

Pre Sample 10.00 SU 07/10 003289 10.12 SU 24.05 °C P ☐ F

Continuing Calibration Verification:

Post Sample 10.00 SU 07/10 003289 10.11 SU 23.93 °C P ☐ F

Maintenance

Specific Conductance Probe Cleaned? Y ☒ N

Notes:

Dissolved Oxygen Membrane Changed? Y ☒ N

- Car boy cleaned with liquinox
on 12/9/09

Site ID: Wakulla

Project: SPRGO910

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