

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: QD00977-A+00970 1-6-06 version

Date 9/23/09 Calibration Time (Pre Sample): 14:01 Post Sample Time: 10:45 on 9/24/09

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: 7.72 mg/L @ Temp. 29.72 °C % DO 101.7 ☒ P ☐ F

Calibrated Reading: 7.56 mg/L @ Temp. 29.75 °C % DO 99.6 ☐ P ☐ F

Pre Sample

Initial Calib. Verification: 7.58 mg/L @ Temp. 29.71 °C % DO 99.8 ☐ P ☐ F

Post Sample

Continuing Calib. Verification 8.04 mg/L @ Temp. 26.79 °C % DO 100.6 ☐ P ☐ F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode						
Calibration:	<u>11/10</u>	<u>2905476</u>	<u>1,000</u>	<u>993</u>	<u>999</u>	☐ P ☐ F
			<u>µmhos/cm</u>	<u>µmhos/cm</u>	<u>µmhos/cm</u>	
Pre Sample						
Initial Calib. Verification:	<u>2/11</u>	<u>2908330</u>	<u>100</u>	<u>4105</u>	<u>104</u>	☐ P ☐ F
			<u>µmhos/cm</u>	<u>µmhos/cm</u>	<u>µmhos/cm</u>	
Post Sample						
Continuing Calib. Verification	<u>11/10</u>	<u>2905476</u>	<u>1000</u>	<u>1019</u>		☐ P ☐ F
			<u>µmhos/cm</u>	<u>µmhos/cm</u>		

pH

	Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibration:								
	<u>7.00 SU</u>	<u>04/10</u>	<u>082161</u>	<u>7.00</u>	<u>32.48</u> °C	<u>7.00</u>	<u>32.97</u> °C	☐ P ☐ F
Initial Calibration Verification:								
Pre Sample								
Continuing Calibration Verification:	<u>10.00</u> SU	<u>12/09</u>	<u>076518</u>	<u>10.00</u>	<u>32.34</u> °C			☐ P ☐ F
Post Sample								
	<u>7.00</u> SU	<u>04/10</u>	<u>082161</u>	<u>7.08</u>	<u>28.02</u> °C			☐ P ☐ F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y ☒ N ☐

Dissolved Oxygen Membrane Changed? Y ☒ N ☐

Opened new Sp Cond 100

lot # 2908330

Car buoy cleaned w/ liquinox
on 9/23/09

Site ID: Wakulla

Project: SPR60907

Laura Hester

Print name of person performing calibrations.

Acceptance Criteria: (DO ±0.3mg/l) (Specific Conductance ± 5%) (pH ± 0.2SU) (Temperature ±0.2°C) Warm bath Appx. 40°C