

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

Meter ID: QD02228-Q102027 1-6-06 version

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

Date 1/20/10 Calibration Time (Pre Sample): 10:56 Post Sample Time: 17:00

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: 11.19 mg/L @ Temp. 11.54 °C % DO 102.7 ☐ P ☐ F

Calibrated Reading: 10.94 mg/L @ Temp. 11.73 °C % DO 100.9 ☐ P ☐ F

Pre Sample

Initial Calib. Verification: 10.77 mg/L @ Temp. 12.01 °C % DO 100.0 ☐ P ☐ F

Post Sample

Continuing Calib. Verification 9.24 mg/L @ Temp. 18.93 °C % DO 99.8 ☐ P ☐ F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode Calibration:	<u>01/11</u>	<u>02/11</u>	<u>2907738</u>	<u>1000</u>	<u>984</u>
			µmhos/cm	µmhos/cm	µmhos/cm
Pre Sample Initial Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u>	<u>104</u>	<u>1000</u>
			µmhos/cm	µmhos/cm	µmhos/cm
Post Sample Continuing Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u>	<u>101</u>	<u>1000</u>
			µmhos/cm	µmhos/cm	µmhos/cm

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
In Initial Calibration:						
7.00 SU	<u>06/10</u>	<u>083501</u>	<u>7.15</u>	<u>10.89</u> °C	<u>7.00</u>	<u>10.92</u> °C
			SU		SU	
In Initial Calibration Verification:						
Pre Sample						
10.00 SU	<u>07/10</u>	<u>083289</u>	<u>10.02</u>	<u>11.17</u> °C		
			SU			
In Continuing Calibration Verification:						
Post Sample						
10.00 SU	<u>07/10</u>	<u>083289</u>	<u>9.96</u>	<u>18.72</u> °C		
			SU			

Maintenance

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

Site ID: Manatee

Project: SPRG1001

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