

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

Meter ID: QD02228 - 0502027 1-6-06 version

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

Date 1/19/10 Calibration Time (Pre Sample): 9:32 Post Sample Time: 16:36

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:

10.52 mg/L @ Temp. 12.68 °C % DO 99.5 ☐ P ☐ F

Calibrated Reading:

10.58 mg/L @ Temp. 12.68 °C % DO 100.1 ☐ P ☐ F

Pre Sample

Initial Calib. Verification:

10.57 mg/L @ Temp. 12.74 °C % DO 100.1 ☐ P ☐ F

Post Sample

Continuing Calib. Verification

9.40 mg/L @ Temp. 18.31 °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>2907738</u>	<u>1000</u> $\mu\text{mhos/cm}$	<u>1027</u> $\mu\text{mhos/cm}$	<u>1001</u> $\mu\text{mhos/cm}$ ☐ P ☐ F
Pre Sample Initial Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u> $\mu\text{mhos/cm}$	<u>102</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>98</u> $\mu\text{mhos/cm}$	☐ P ☐ F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
7.00 SU	<u>06/10</u>	<u>083501</u>	<u>7.02</u> SU	<u>9.63</u> °C	<u>7.00</u> SU	<u>9.61</u> °C ☐ P ☐ F
Initial Calibration Verification:						
Pre Sample						
Continuing Calibration Verification:						
Post Sample						
<u>10.00</u> SU	<u>07/10</u>	<u>083289</u>	<u>10.04</u> SU	<u>9.57</u> °C		☐ P ☐ F
<u>10.00</u> SU	<u>07/10</u>	<u>083289</u>	<u>10.02</u> SU	<u>16.69</u> °C		☐ P ☐ F

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