

RQ-2012-07-02-22

SPRS1207

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

Meter ID:

1-6-06 version

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

Date 7/1/12 Calibration Time (Pre Sample): 19:00 Post Sample Time: 14:00 7/2/12

Circle/Fill In: Lab Calibration or Calibration on Site

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: 8.71 mg/L @ Temp. 22.60 °C % DO 100.1 (P) F

Calibrated Reading: 8.65 mg/L @ Temp. 22.58 °C % DO 100.0 (P) F

Initial Calib. Verification: 8.65 mg/L @ Temp. 22.56 °C % DO 100.0 (P) F

Continuing Calib. Verification 8.58 mg/L @ Temp. 23.06 °C % DO 100.3 (P) F

Specific Conductance

In Calibrate Mode	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
Calibration:	<u>9/12</u>	<u>2103755</u>	<u>100</u> μmhos/cm	<u>99</u> μmhos/cm	<u>100</u> <u>(P)</u> <u>F</u> μmhos/cm
Pre Sample					
Initial Calib. Verification:	<u>9/12</u>	<u>2103755</u>	<u>100</u> μmhos/cm	<u>100</u> μmhos/cm	<u>(P)</u> <u>F</u>
Post Sample					
Continuing Calib. Verification	<u>9/12</u>	<u>2103755</u>	<u>100</u> μmhos/cm	<u>100</u> μmhos/cm	<u>(P)</u> <u>F</u>

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
Initial Calibration:						
7.00 SU	<u>12/12</u>	<u>108043</u>	<u>6.94</u> SU	<u>22.26</u> °C	<u>7.00</u> SU	<u>22.25</u> °C <u>(P)</u> <u>F</u>
Initial Calibration Verification:						
Pre Sample						
7.00 SU	<u>12/12</u>	<u>108043</u>	<u>7.00</u> SU	<u>22.25</u> °C		<u>(P)</u> <u>F</u>
Continuing Calibration Verification:						
Post Sample						
7.00 SU	<u>12/12</u>	<u>108043</u>	<u>7.13</u> SU	<u>22.98</u> °C		<u>(P)</u> <u>F</u>

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y (N)
Dissolved Oxygen Membrane Changed? Y (N)



SPRING
WAKULLA COMPOSITE
SPRS1207 WAKULLA SPRINGS

9695

Edgar Wade / Gary Maddox

Print name of person performing calibrations.

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