

CALIBRATION and Continuing Calibration LOG

(FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: QD00977

1-6-06 version

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

Date 12/1/11 Calibration Time (Pre Sample): 12:30 Post Sample Time: 12:20 on 12/7/11

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. 14.09 °C % DO 102.7 P F

Calibrated Reading: 10.32 mg/L @ Temp. 14.29 °C % DO 100.8 P F

Pre Sample

Initial Calib. Verification: 10.07 mg/L @ Temp. 15.25 °C % DO 100.7 P F

Post Sample

Continuing Calib. Verification 8.21 mg/L @ Temp. 24.20 °C % DO 98.1 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode Calibration:	<u>02/12</u>	<u>2008438</u>	<u>1000</u>	<u>980</u>	<u>1004</u>	<u>P</u> F
			μmhos/cm	μmhos/cm	μmhos/cm	
Pre Sample Initial Calib. Verification:	<u>09/12</u>	<u>2103755</u>	<u>100</u>	<u>103</u>		<u>P</u> F
			μmhos/cm	μmhos/cm		
Post Sample Continuing Calib. Verification:	<u>02/12</u>	<u>2008438</u>	<u>1000</u>	<u>1028</u>		<u>P</u> F
			μmhos/cm	μmhos/cm		

pH

	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
Standard Initial Calibration:	<u>11/11</u>	<u>096106</u>	<u>7.11</u>	<u>7.55</u> °C	<u>6.99</u>	<u>7.82</u> °C	<u>P</u> F
			SU		SU		
Initial Calibration Verification:							
Pre Sample Continuing Calibration Verification:	<u>11/12</u>	<u>107444</u>	<u>10.00</u>	<u>7.52</u> °C			<u>P</u> F
			SU				
Post Sample Continuing Calibration Verification:	<u>11/11</u>	<u>096106</u>	<u>6.84</u>	<u>22.14</u> °C			<u>P</u> F
			SU				

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

Site ID: Marion Salt Spg

Project: SPRG1110

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