

RQ-2012-04-30-40

SPRS1206

CALIBRATION and Continuing Calibration LOG

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

1-6-06 version

Meter ID: 101901

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

Date 5/3/12 Calibration Time (Pre Sample): 8:00 am Post Sample Time: 17:30 pm

Circle/Fill In: Lab Calibration or Calibration on Site _____

Temperature (Monthly)

Date of Last Temperature Verification _____

Pass or Fail

Ice Bath: Probe _____ °C NIST _____ °C Warm Bath: Probe _____ °C NIST _____ °C

P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 8.51 mg/L @ Temp. 22.23 °C % DO 101.2 (P) F

Calibrated Reading: 8.71 mg/L @ Temp. 22.24 °C % DO 100.0 (P) F

Pre Sample

Initial Calib. Verification: 8.71 mg/L @ Temp. 22.24 °C % DO 100.0 (P) F

Post Sample

Continuing Calib. Verification 8.77 mg/L @ Temp. 22.28 °C % DO 100.4 (P) F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode					
Calibration:	<u>9/12</u>	<u>2103755</u>	<u>100</u> μmhos/cm	<u>98</u> μmhos/cm	<u>100</u> (P) F μmhos/cm
Pre Sample					
Initial Calib. Verification:	<u>9/12</u>	<u>2103755</u>	<u>100</u> μmhos/cm	<u>100</u> μmhos/cm	(P) F
Post Sample					
Continuing Calib. Verification	<u>9/12</u>	<u>2103755</u>	<u>100</u> μmhos/cm	<u>99</u> μmhos/cm	(P) F

pH

	Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
Initial Calibration:							
	<u>7.00 SU</u>	<u>12/12</u>	<u>108043</u>	<u>7.06</u> SU	<u>22.78</u> °C	<u>7.00</u> SU	<u>22.75</u> °C (P) F
Initial Calibration Verification:							
Pre Sample							
	<u>7.00</u> SU	<u>12/12</u>	<u>108043</u>	<u>7.00</u> SU	<u>22.81</u> °C		(P) F
Continuing Calibration Verification:							
Post Sample							
	<u>7.00</u> SU	<u>12/12</u>	<u>108043</u>	<u>7.03</u> SU	<u>22.83</u> °C		(P) F

MaintenanceNotes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

Site ID:

Madison Blue Spring

Project:

Edgar G. W. W. W.

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