

CALIBRATION and Continuing Calibration LOG

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

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

Meter ID: QD00976-Q100970 1-6-06 version

Date 1/4/10 Calibration Time (Pre Sample): 14:20 Post Sample Time: 16:20

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: 10.37 mg/L @ Temp. 12.39 °C % DO 97.2 (P) F

Calibrated Reading: 10.28 ~~10.84~~ mg/L @ Temp. 13.80 °C % DO 99.4 (P) F

Initial Calib. Verification: 10.55 mg/L @ Temp. 13.31 °C % DO 100.8 (P) F

Continuing Calib. Verification 10.84 mg/L @ Temp. 12.37 °C % DO 101.5 (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>	<u>1029</u>	<u>996</u>	<u>(P)</u> F
Pre Sample						
Initial Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u>	<u>101</u>		<u>(P)</u> F
Post Sample						
Continuing Calib. Verification	<u>02/11</u>	<u>2908330</u>	<u>100</u>	<u>103</u>		<u>(P)</u> F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode	<u>06/10</u>						
7.00 SU	<u>04/10</u>	<u>083501</u>	<u>7.20</u>	<u>8.57</u> °C	<u>7.06</u>	<u>8.53</u> °C	<u>(P)</u> F
Initial Calibration Verification:							
Pre Sample							
10.00 SU	<u>07/10</u>	<u>083289</u>	<u>10.00</u>	<u>9.62</u> °C			<u>(P)</u> F
Continuing Calibration Verification:							
Post Sample							
10.00 SU	<u>07/10</u>	<u>083289</u>	<u>10.18</u>	<u>9.63</u> °C			<u>(P)</u> F

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

-Car buoy cleaned w/
liquinox on 1/4/10

Site ID: Madison Blue

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