

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 4/7/10 Calibration Time (Pre Sample): 8:41 Post Sample Time: 19:26

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: 8.60 mg/L @ Temp 21.32 °C % DO 97.1 P F

Calibrated Reading: 8.83 mg/L @ Temp 21.50 °C % DO 100.2 P F

Pre Sample

Initial Calib. Verification: 8.90 mg/L @ Temp 21.04 °C % DO 99.9 P F

Post Sample

Continuing Calib. Verification 8.57 mg/L @ Temp 23.84 °C % DO 101.4 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
<i>In Calibrate Mode</i>					
Calibration:	<u>01/11</u>	<u>2907738</u>	<u>1000</u> µmhos/cm	<u>999</u> µmhos/cm	<u>995</u> P F
<i>Pre Sample</i>					
Initial Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u> µmhos/cm	<u>104</u> µmhos/cm	P F
<i>Post Sample</i>					
Continuing Calib. Verification	<u>02/11</u>	<u>2908330</u>	<u>100</u> µmhos/cm	<u>104</u> µmhos/cm	P F

pH

	Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
<i>Initial Calibration:</i>							
	7.00 SU	<u>06/10</u>	<u>083501</u>	<u>6.90</u> SU	<u>18.08</u> °C	<u>7.00</u> SU	<u>18.07</u> °C P F
<i>Initial Calibration Verification:</i>							
<i>Pre Sample</i>							
	<u>10.00</u> SU	<u>07/10</u>	<u>083289</u>	<u>9.97</u> SU	<u>19.22</u> °C		P F
<i>Continuing Calibration Verification:</i>							
<i>Post Sample</i>							
	<u>10.00</u> SU	<u>07/10</u>	<u>083289</u>	<u>9.89</u> SU	<u>26.57</u> °C		P F

Maintenance

Notes:

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

Site ID: SPP61004 ⁴⁴
Madison Blue
Project: SPP61004

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