

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: 0702228- Q102027 1-6-06 version

Date 1/20/09 Calibration Time (Pre Sample): 10:15 Post Sample Time: 17:50

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: 9.53 mg/L @ Temp. 18.32 °C % DO 101.3 P F

Calibrated Reading: 9.40 mg/L @ Temp. 18.31 °C % DO 99.9 P F

Pre Sample Initial Calib. Verification: 9.75 mg/L @ Temp. 17.74 °C % DO 102.2 P F

Post Sample Continuing Calib. Verification: 11.64 mg/L @ Temp. 9.29 °C % DO 101.3 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode Calibration:	<u>03/09</u>	<u>4803126</u>	<u>1000</u> µmhos/cm	<u>1037</u> µmhos/cm	<u>998</u> µmhos/cm	P F
Pre Sample Initial Calib. Verification:	<u>03/09</u>	<u>1804436</u>	<u>160</u> µmhos/cm	<u>101</u> µmhos/cm		P F
Post Sample Continuing Calib. Verification:	<u>06/09</u>	<u>2806244</u>	<u>100</u> µmhos/cm	<u>102</u> µmhos/cm		P F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
Initial Calibration:							
7.00 SU	<u>01/10</u>	<u>076877</u>	<u>7.10</u> SU	<u>5.16</u> °C	<u>7.00</u> SU	<u>5.23</u> °C	P F

Initial Calibration Verification: In Read Mode
Pre Sample 16.00 SU 12/09 076518 10.04 SU 5.46 °C

Continuing Calibration Verification: Post Sample 10.00 SU 12/09 076518 9.82 SU 9.48 °C

- Carbuoy cleaned w/ Liquinox 1/19/09

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

- DO calibrated off-site, rest of calibrations done at site

- Opened new Sp Cond 100

Rec'd 7/3/08 lot # 2806244

Site ID: Madison Blue

Project: SPR60901

Laura Hester

Print name of person performing calibrations.

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