

CALIBRATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)
Meter ID: YSI 600 XCM #11 Datalogger ID: #8 Sept 2008 version

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

Date 12-18-13 Calibration Time: 9:17 ETZ or CTZ (circle one) Project Name: SPRS1310

Circle/Fill In: Lab Calibration or Calibration on Site MSF MW-13

Temperature (Monthly) Please Use "Monthly Temperature Verification Log"

Date of Last Temperature Verification 12-13

Pass or Fail

P F

Dissolved Oxygen

In Run Mode

Initial Reading: 3.73 mg/L @ Temp. 9.80 °C % DO 76.8
nearest 100th nearest 10th nearest 10th

P F

In Calibrate Mode (to temp.)

Calibrated Reading: 11.15 mg/L @ Temp. 10.7 °C % DO 100.0
nearest 100th nearest 10th nearest 10th

P F

In Run Mode

Initial Calib. Verification: 11.16 mg/L @ Temp. 10.8 °C % DO 100.3
nearest 100th nearest 10th nearest 10th

P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode						
Calibration:	<u>1-15</u>	<u>2307012</u>	<u>1000</u>	<u>791</u>	<u>1000</u>	P F
			µmhos/cm	µmhos/cm	µmhos/cm	

In Run Mode

Initial Calib. Verification:	<u>9-14</u>	<u>2304385</u>	<u>100</u>	<u>99</u>		P F
			µmhos/cm	µmhos/cm		

pH

In Calibrate Mode (3-point calibration to temp.)

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
			nearest 10 th	nearest 10 th	nearest 10 th	nearest 10 th	
7.0 SU	<u>2-14</u>	<u>120444</u>	<u>7.0</u>	<u>10.0</u> °C	<u>7.0</u>	<u>10.0</u> °C	<u>P</u> F
4.0 SU	<u>3-15</u>	<u>131576</u>	<u>4.0</u>	<u>9.3</u> °C	<u>4.0</u>	<u>9.3</u> °C	<u>P</u> F
10.0 SU	<u>2-15</u>	<u>130972</u>	<u>10.1</u>	<u>9.6</u> °C	<u>10.0</u>	<u>9.6</u> °C	<u>P</u> F

Initial Calibration Verification:

In Run Mode

<u>10</u> SU	<u>2-15</u>	<u>130972</u>	<u>10.0</u>	<u>9.6</u> °C		<u>P</u> F
--------------	-------------	---------------	-------------	---------------	--	------------

Maintenance: Weekly PH Slope: _____

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

Site ID: MSF MW-13
Project: SPRS1310

Paula Blair

Print name of person performing calibrations.

Acceptance Criteria: (DO ± 0.3mg/l of theoretical value) (Specific Conductance ± 5%) (pH ± 0.2 SU) (Temperature ± 0.5 °C)