

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

Meter ID: YSI 600XLM #11

Datalogger ID: #8

Sept 2008 version

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

Date 12-17-13 Calibration Time: 9:30 ETZ or CTZ (circle one) Project Name: SPRS1310

Circle/Fill In: Lab Calibration or Calibration on Site MSF-MW 17 ↓

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: 7.20 mg/L @ Temp. 12.8 °C % DO 68.1 P F
nearest 100th nearest 10th nearest 10th

In Calibrate Mode (to temp.)

Calibrated Reading: 10.60 mg/L @ Temp. 12.7 °C % DO 100.0 P F
nearest 100th nearest 10th nearest 10th

In Run Mode

Initial Calib. Verification: 10.57 mg/L @ Temp. 12.6 °C % DO 99.4 P F
nearest 100th nearest 10th nearest 10th

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode Calibration:	<u>1-15</u>	<u>2307C12</u>	<u>1000</u> <u>µmhos/cm</u>	<u>1004</u> <u>µmhos/cm</u>	<u>1000</u> <u>µmhos/cm</u> <u>P</u> F

In Run Mode

Initial Calib. Verification:	<u>9-14</u>	<u>2304388</u>	<u>100</u> <u>µmhos/cm</u>	<u>104</u> <u>µmhos/cm</u>	<u>P</u> F
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pH

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

Standard	Exp. Date	Lot #	Initial Reading nearest 10 th	Temperature nearest 10 th	Calibrated Reading nearest 10 th	Temperature nearest 10 th
7.0 SU	<u>2-14</u>	<u>120444</u>	<u>7.6</u> SU	<u>9.3</u> °C	<u>7.0</u> SU	<u>9.3</u> °C <u>P</u> F
4.0 SU	<u>3-15</u>	<u>131596</u>	<u>3.8</u> SU	<u>8.7</u> °C	<u>4.0</u> SU	<u>8.8</u> °C <u>P</u> F
10.0 SU	<u>2-15</u>	<u>130972</u>	<u>10.1</u> SU	<u>8.9</u> °C	<u>10.0</u> SU	<u>8.9</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> SU	<u>8.9</u> °C	<u>P</u> F
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Maintenance: Weekly PH Slope: _____

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

Site ID: MSF MW-17
Project: SPRS1310

Paul 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)