

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

Meter ID: USF 600 XCA # 11

Datalogger ID: USF 600 # 4 Sept 2008 version

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

Date 10/21/14 Calibration Time: 11:45 RTZ or CTZ (circle one) Project Name: SPRS1424

Circle/Fill In: Lab Calibration or Calibration on Site MSF MW # 3 ↓

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

Date of Last Temperature Verification 10/1/14

Pass or Fail
P F

Dissolved Oxygen

In Run Mode

Initial Reading: 8.12 mg/L @ Temp. 26.2 °C % DO 100.4 P F
nearest 100th nearest 10th nearest 10th

In Calibrate Mode (to temp.)

Calibrated Reading: 7.92 mg/L @ Temp. 27.4 °C % DO 100.0 P F
nearest 100th nearest 10th nearest 10th

In Run Mode

Initial Calib. Verification: 7.92 mg/L @ Temp. 27.4 °C % DO 100.1 P F
nearest 100th nearest 10th nearest 10th

Specific Conductance

In Calibrate Mode Calibration: 11/14 Exp. Date 6/15 Lot # 2306381 Standard 500 Initial Reading 50.2 Calibrated Reading 500 P F
µmhos/cm µmhos/cm µmhos/cm

In Run Mode

Initial Calib. Verification: 12/14 2307729 100 101 P F
µmhos/cm µmhos/cm µmhos/cm

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>1/16</u>	<u>140018</u>	<u>6.9</u> SU	<u>24.2</u> °C	<u>7.0</u> SU	<u>27.2</u> °C P F
4.0 SU	<u>3/15</u>	<u>131596</u>	<u>4.1</u> SU	<u>24.2</u> °C	<u>4.0</u> SU	<u>24.7</u> °C P F
10.0 SU	<u>2/15</u>	<u>130972</u>	<u>10.0</u> SU	<u>26.7</u> °C	<u>10.0</u> SU	<u>26.7</u> °C P F

Initial Calibration Verification:

In Run Mode

10 SU 2/15 130972 10.0 26.9 °C P F

Maintenance: Weekly PH Slope: _____

Specific Conductance Probe Cleaned? Y X

Notes:

Dissolved Oxygen Membrane Changed? Y N

Site ID:

Project:

M. A. Eckles

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)