

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

CALIBRATION and Continuing Calibration LOG
(FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)
Meter ID: UH QD00976-QD02228-QD02027 1-6-06 version

Date 1/6/10 Calibration Time (Pre Sample): 13:00 Post Sample Time: 16:37

Circle/Fill In: Lab Calibration or Calibration on Site yes
Temperature (Monthly)
Date of Last Temperature Verification _____

DO reading done indoors due to cold weather, rest done at site

Ice Bath: Probe _____ °C NIST _____ °C Warm Bath: Probe _____ °C NIST _____ °C

Pass or Fail
P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading:

6.91 mg/L @ Temp. 33.90 °C % DO 97.5 ☐ P ☐ F

Calibrated Reading:

7.06 mg/L @ Temp. 33.53 °C % DO 99.1 ☐ P ☐ F

Pre Sample

Initial Calib. Verification:

7.81 mg/L @ Temp. 28.64 °C % DO 100.9 ☐ P ☐ F

Post Sample

Continuing Calib. Verification

9.77 mg/L @ Temp. 17.53 °C % DO 102.5 ☐ P ☐ F

↓ forget to do cont. calib on 1/6/10, data above is from 1/18/10 calibration

Specific Conductance

In Calibrate Mode	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
Calibration:	<u>01/11</u>	<u>02/11</u> <u>UH</u>	<u>2907730</u> <u>1000</u> <u>μmhos/cm</u>	<u>1012</u> <u>μmhos/cm</u>	<u>1000</u> <u>μmhos/cm</u> ☐ P ☐ F
Pre Sample					
Initial Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u> <u>μmhos/cm</u>	<u>104</u> <u>μmhos/cm</u>	☐ P ☐ F
Post Sample					
Continuing Calib. Verification	<u>02/11</u>	<u>2908330</u>	<u>100</u> <u>μmhos/cm</u>	<u>103</u> <u>μmhos/cm</u>	☐ P ☐ F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
Initial Calibration:						
7.00 SU	<u>06/10</u>	<u>083501</u>	<u>6.85</u> SU	<u>3.22</u> °C	<u>7.00</u> SU	<u>3.28</u> °C ☐ P ☐ F
Initial Calibration Verification:						
Pre Sample						
10.00 SU	<u>07/10</u>	<u>083289</u>	<u>10.11</u> SU	<u>10.11</u> °C	<u>-0.17</u>	☐ P ☐ F
Continuing Calibration Verification:						
Post Sample						
10.00 SU	<u>07/10</u>	<u>083289</u>	<u>10.18</u> SU	<u>6.94</u> °C		☐ P ☐ F

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

Opened new pH 7.00
Rec'd 9/25/08 lot# 083501

Site ID: Wacissa

Project: SPRG1001

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