

# CALIBRATION and Continuing Calibration LOG

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

Meter ID: QD00976-Q100970

1-6-06 version

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

Date 7/26/10 Calibration Time (Pre Sample): 11:20 Post Sample Time: 12:55 on 7/27/10

Circle/Fill In: Lab Calibration or Calibration on Site yes

## Temperature (Monthly)

Date of Last Temperature Verification \_\_\_\_\_

Pass or Fail  
P F

Ice Bath: Probe \_\_\_\_\_ °C NIST \_\_\_\_\_ °C Warm Bath: Probe \_\_\_\_\_ °C NIST \_\_\_\_\_ °C

## Dissolved Oxygen

In Calibrate Mode

Initial Reading: 7.65 mg/L @ Temp. 29.13 °C % DO 99.7 P F

Calibrated Reading: 7.68 mg/L @ Temp. 29.19 °C % DO 100.2 P F

Pre Sample

Initial Calib. Verification: 7.77 mg/L @ Temp. 29.13 °C % DO 101.3 P F

Post Sample

Continuing Calib. Verification 7.07 mg/L @ Temp. 32.54 °C % DO 97.8 P F

## Specific Conductance

In Calibrate Mode

Calibration: Exp. Date 06/11 Lot # 2912477 Standard 1000 Initial Reading 992 Calibrated Reading 1000 P F  
μmhos/cm μmhos/cm μmhos/cm

Pre Sample

Initial Calib. Verification: 10/11 1004434 100 100 P F  
μmhos/cm μmhos/cm μmhos/cm

Post Sample

Continuing Calib. Verification 11/11 2912477 1000 1002 P F  
μmhos/cm μmhos/cm μmhos/cm

## pH

Standard Exp. Date Lot # Initial Reading Temperature Calibrated Reading Temperature  
In Calibrate Mode In Calibrate Mode

7.00 SU 11/11 096106 7.05 SU 30.80 °C 7.00 SU 30.77 °C P F

Initial Calibration Verification:

In Read Mode

Pre Sample 10.00 SU 09/11 095143 9.97 SU 30.86 °C P F

Continuing Calibration Verification:

Post Sample 10.00 SU 11/11 096106 7.16 SU 32.02 °C P F

## Maintenance

Specific Conductance Probe Cleaned? Y N

## Notes:

Dissolved Oxygen Membrane Changed? Y N

- Opened new Sp Cond 100  
lot # 1004434

- Car buoy cleaned w/ liguinox  
on 7/23/10

Site ID: Marion Salt

Project: SPRG1007

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