

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: Q D02228-Q+02027

1-6-06 version

Date 2/4/09 Calibration Time (Pre Sample): 11:40 Post Sample Time: 13:00 on 2/5/09

Circle/Fill In:

Lab Calibration

or

Calibration on Site

yes

Temperature (Monthly)

Date of Last Temperature Verification _____

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

Pass or Fail
P F

Dissolved Oxygen

In Calibrate Mode

Initial Reading:

10.40 mg/L @ Temp. 13.61 °C % DO 99.6 P F

Calibrated Reading:

10.10 mg/L @ Temp. 14.46 °C % DO 98.8 P F

Pre Sample

Initial Calib. Verification:

10.22 mg/L @ Temp. 14.57 °C % DO 100.5 P F

Post Sample

Continuing Calib. Verification

10.56 mg/L @ Temp. 11.54 °C % DO 97.1 P F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date 03/09 Lot # 480326 Standard 1000 Initial Reading 982 Calibrated Reading 998 P F
μmhos/cm μmhos/cm

Pre Sample

Initial Calib. Verification:

07/09 2807533 100 97 P F
μmhos/cm μmhos/cm

Post Sample

Continuing Calib. Verification

06/09 2712241 10,000 10,050 P F
μmhos/cm μmhos/cm

pH

Standard Exp. Date

Lot #

Initial Reading

Temperature

Calibrated Reading

Temperature

In Calibrate Mode

In Calibrate Mode

7.00 SU 01/10 076877 6.95 SU 7.30 °C 7.00 SU 7.37 °C P F

Initial Calibration Verification:

In Read Mode

Pre Sample

Initial Calibration Verification:

10.00 SU 12/09 076518 10.02 SU 6.68 °C P F

Continuing Calibration Verification:

Post Sample

Continuing Calibration Verification:

7.00 SU 01/10 076877 7.08 SU 6.83 °C P F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

Site ID: Marion Salt

Project: SPRG0901

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