

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

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

Meter ID: QD00976-Q+00970 1-6-06 version

Date 10/14/09 Calibration Time (Pre Sample): 13:15 Post Sample Time: 16:15

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: 8.08 mg/L @ Temp. 25.20 °C % DO 98.2 P F

Calibrated Reading: 8.25 mg/L @ Temp. 25.23 °C % DO 100.3 P F

Pre Sample

Initial Calib. Verification: 8.35 mg/L @ Temp. 25.30 °C % DO 101.6 P F

Post Sample

Continuing Calib. Verification 7.88 mg/L @ Temp. 26.14 °C % DO 97.5 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode Calibration:	<u>01/11</u>	<u>2907738</u>	<u>1000</u> µmhos/cm	<u>1008</u> µmhos/cm	<u>1001</u> P F
Pre Sample Initial Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u> µmhos/cm	<u>102</u> µmhos/cm	P F
Post Sample Continuing Calib. Verification	<u>02/11</u>	<u>2908330</u>	<u>100</u> µmhos/cm	<u>101</u> µmhos/cm	P F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
Initial Calibration:						
7.00 SU	<u>04/10</u>	<u>082161</u>	<u>7.00</u>	<u>21.96</u> °C	<u>7.00</u>	<u>24.99</u> °C P F

Initial Calibration Verification:

In Read Mode

Pre Sample

10.00 SU 07/10 083289 10.11 SU 25.29 °C P F

Continuing Calibration Verification:

Post Sample

10.00 SU 07/10 083289 10.08 SU 26.30 °C P F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

0044

Site ID: Devil's Ear

Project: SPRG0910

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