

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: QD00977 - Q+0.3272 1-6-06 version

Date 2/29/12 Calibration Time (Pre Sample): 11:45 Post Sample Time: 11:45 on 3/1/12

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: 8.28 mg/L @ Temp. 24.97 °C % DO 100.20 P F

Calibrated Reading: 8.27 mg/L @ Temp. 25.27 °C % DO 100.1 P F

Pre Sample

Initial Calib. Verification: 8.16 mg/L @ Temp. 24.89 °C % DO 98.1 P F

Post Sample

Continuing Calib. Verification 8.48 mg/L @ Temp. 22.92 °C % DO 100.7 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode Calibration:	<u>02/12</u>	<u>2008438</u>	<u>100.0</u>	<u>1011</u>	<u>1004</u>	P F
			μmhos/cm	μmhos/cm	μmhos/cm	
Pre Sample Initial Calib. Verification:	<u>09/12</u>	<u>2103755</u>	<u>100</u>	<u>101</u>		P F
			μmhos/cm	μmhos/cm		
Post Sample Continuing Calib. Verification	<u>02/12</u>	<u>2008438</u>	<u>100.0</u>	<u>1010</u>		P F
			μmhos/cm	μmhos/cm		

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode Initial Calibration:							
7.00 SU	<u>12/12</u>	<u>108043</u>	<u>7.08</u>	<u>19.38</u> °C	<u>7.00</u>	<u>19.53</u> °C	P F
In Read Mode Initial Calibration Verification:							
Pre Sample							
<u>10.67</u> SU			<u>9.87</u>	<u>19.28</u> °C			P F
Continuing Calibration Verification:							
Post Sample							
<u>7.00</u> SU	<u>12/12</u>	<u>108043</u>	<u>6.93</u>	<u>21.58</u> °C			P F

Maintenance Notes:

Specific Conductance Probe Cleaned? Y N
Dissolved Oxygen Membrane Changed? Y N

Site ID: Alexander Spring
Project: SPR 6 1201

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