

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: QD00977-Q103272 1-6-06 version

Date 1/12/12 Calibration Time (Pre Sample): 10:30 Post Sample Time: 12:30 on 1/17/12

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: 9.77 mg/L @ Temp. 17.30 °C % DO 101.7 P F

Calibrated Reading: 9.57 mg/L @ Temp. 17.73 °C % DO 100.4 P F

Pre Sample

Initial Calib. Verification: 9.49 mg/L @ Temp. 17.91 °C % DO 99.9 P F

Post Sample

Continuing Calib. Verification: 9.74 mg/L @ Temp. 16.79 °C % DO 100.7 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode	<u>02/12</u>	<u>2008438</u>	<u>1000</u>	<u>1002</u>	<u>1001</u>	P F
Calibration:			μmhos/cm	μmhos/cm	μmhos/cm	

Pre Sample	<u>09/12</u>	<u>2103755</u>	<u>100</u>	<u>102</u>		P F
Initial Calib. Verification:			μmhos/cm	μmhos/cm		

Post Sample	<u>02/12</u>	<u>2008438</u>	<u>1000</u>	<u>1038</u>		P F
Continuing Calib. Verification			μmhos/cm	μmhos/cm		

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode	<u>12/12</u>	<u>108043</u>	<u>6.94</u>	<u>15.62</u> °C	<u>7.00</u>	<u>15.69</u> °C	P F
Initial Calibration:							

Initial Calibration Verification:							
Pre Sample	<u>10.00</u>		<u>10.04</u>	<u>16.47</u> °C			P F
Continuing Calibration Verification:							

Post Sample	<u>7.00</u>	<u>12/12</u>	<u>108043</u>	<u>7.05</u>	<u>12.71</u> °C		P F
Continuing Calibration Verification:							

Maintenance

Notes:

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

Site ID: Blue Hole Spring
main spring
Project: SPRG1201

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