

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: QD02228-Q+02027 1-6-06 version

Date 1/22/10 Calibration Time (Pre Sample): 7:10 Post Sample Time: 7:40 14:09

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: 9.11 mg/L @ Temp. 18.85 °C % DO 97.7 P F

Calibrated Reading: 9.26 mg/L @ Temp. 18.86 °C % DO 99.5 P F

Pre Sample
 Initial Calib. Verification: 9.23 mg/L @ Temp. 18.80 °C % DO 99.0 P F

Post Sample
 Continuing Calib. Verification 8.55 mg/L @ Temp. 24.00 °C % DO 101.4 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode Calibration:	<u>01/11</u>	<u>290738</u>	<u>1000</u>	<u>1021</u>	<u>1000</u>	<u>P</u> F
			µmhos/cm	µmhos/cm	µmhos/cm	
Pre Sample Initial Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u>	<u>102</u>		<u>P</u> F
			µmhos/cm	µmhos/cm		
Post Sample Continuing Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u>	<u>100</u>		<u>P</u> F
			µmhos/cm	µmhos/cm		

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode Initial Calibration:							
	<u>06/10</u>	<u>083501</u>	<u>7.12</u>	<u>18.86</u> °C	<u>7.99</u>	<u>18.85</u> °C	<u>P</u> F
			SU		SU		
Initial Calibration Verification:							
In Read Mode Pre Sample	<u>07/10</u>	<u>083289</u>	<u>9.95</u>	<u>18.86</u> °C			<u>P</u> F
			SU				
Continuing Calibration Verification:							
Post Sample	<u>07/10</u>	<u>083289</u>	<u>9.91</u>	<u>25.09</u> °C			<u>P</u> F
			SU				

Maintenance Specific Conductance Probe Cleaned? Y N
 Notes: Dissolved Oxygen Membrane Changed? Y N

Site ID: Blue Hole
 Project: SPRG1001

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