

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: QD02228 - QD02228 - QD02228 1-6-06 version

Date 4/26/10 Calibration Time (Pre Sample): 13:07 Post Sample Time: 17:46

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: 8.56 mg/L @ Temp. 24.80 °C % DO 102.8 P F

Calibrated Reading: 8.36 mg/L @ Temp. 24.57 °C % DO 100.2 P F

Pre Sample

Initial Calib. Verification: 8.26 mg/L @ Temp. 24.99 °C % DO 100.2 P F

Post Sample

Continuing Calib. Verification: 8.21 mg/L @ Temp. 26.30 °C % DO 101.7 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>995</u>	<u>1000</u>	P F
			μmhos/cm	μmhos/cm	μmhos/cm	
Pre Sample						
Initial Calib. Verification:	<u>02/11</u>	<u>290830</u>	<u>100</u>	<u>101</u>		P F
			μmhos/cm	μmhos/cm		
Post Sample						
Continuing Calib. Verification:	<u>02/11</u>	<u>290830</u>	<u>100</u>	<u>102</u>		P F
			μmhos/cm	μmhos/cm		

pH

	Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode								
Initial Calibration:								
	<u>7.00 SU</u>	<u>06/10</u>	<u>083501</u>	<u>6.91</u>	<u>24.76</u> °C	<u>7.00</u>	<u>24.76</u> °C	P F
Initial Calibration Verification:								
Pre Sample								
Continuing Calibration Verification:								
Post Sample								
	<u>10.00 SU</u>	<u>07/10</u>	<u>083289</u>	<u>9.99</u>	<u>23.18</u> °C			P F
	<u>10.00 SU</u>	<u>07/10</u>	<u>083289</u>	<u>10.00</u>	<u>26.15</u> °C			P F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y

Dissolved Oxygen Membrane Changed? Y

- DO membrane changed after
post calibration on 4/26/10
- Carboy cleaned w/ liquinox
on 4/22/10

Site ID: Rock

Project: SPRG1004

Laura Hester

Print name of person performing calibrations.

Acceptance Criteria: (DO ± 0.3 mg/l) (Specific Conductance $\pm 5\%$) (pH ± 0.2 SU) (Temperature ± 0.2 °C) Warm bath Appx. 40 °C