

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-Q102027 1-6-06 version

Date: 2/9/10 Calibration Time (Pre Sample): 11:13 Post Sample Time: 11:45 on 2/10/10

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: 10.33 mg/L @ Temp. 10.33 °C % DO 97.1 12.56 41 P F

Calibrated Reading: 10.66 mg/L @ Temp. 12.55 °C % DO 100.2 P F

Initial Calib. Verification: 10.65 mg/L @ Temp. 12.70 °C % DO 100.4 P F

Continuing Calib. Verification: 10.48 mg/L @ Temp. 12.05 °C % DO 97.4 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>	<u>1006</u>	<u>1000</u>	<u>P</u> F
Pre Sample Initial Calib. Verification:	<u>06/11</u>	<u>2912475</u>	<u>100</u>	<u>102</u>		<u>P</u> F
Post Sample Continuing Calib. Verification:	<u>01/11</u>	<u>2907738</u>	<u>1000</u>	<u>1018</u>		<u>P</u> F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
Initial Calibration:							
<u>7.00</u> SU	<u>06/10</u>	<u>083501</u>	<u>7.11</u>	<u>11.75</u> °C	<u>6.97</u>	<u>11.80</u> °C	<u>P</u> F

	Exp. Date	Lot #	Initial Reading	Temperature	
Initial Calibration Verification:					
Pre Sample	<u>07/10</u>	<u>083289</u>	<u>9.96</u>	<u>11.89</u> °C	<u>P</u> F
Continuing Calibration Verification:					
Post Sample	<u>06/10</u>	<u>083501</u>	<u>6.92</u>	<u>7.57</u> °C	<u>P</u> F

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

- Carb boy cleaned w/ liquinox
on 2/8/10

Site ID: Fern Hammock

Project: SPRG1001

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