

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: QD00976-QT00970

1-6-06 version

Date 6/25/10 Calibration Time (Pre Sample): 10:34 Post Sample Time: 10:00 on 6/29/10

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: 7.44 mg/L @ Temp. 32.17 °C % DO 102.4 P F

Calibrated Reading: 7.28 mg/L @ Temp. 32.14 °C % DO 99.9 P F

Pre Sample

Initial Calib. Verification: 7.42 mg/L @ Temp. 31.94 °C % DO 101.4 P F

Post Sample

Continuing Calib. Verification 7.44 mg/L @ Temp. 29.46 °C % DO 97.4 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode						
Calibration:	<u>06/11</u>	<u>2912477</u>	<u>1000</u> μmhos/cm	<u>1011</u> μmhos/cm	<u>1000</u> μmhos/cm	P F
Pre Sample						
Initial Calib. Verification:	<u>06/11</u>	<u>2912475</u>	<u>100</u> μmhos/cm	<u>100</u> μmhos/cm		P F
Post Sample						
Continuing Calib. Verification	<u>06/11</u>	<u>2912477</u>	<u>1000</u> μmhos/cm	<u>999</u> μmhos/cm		P F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode							
Initial Calibration:	<u>11/11</u>	<u>096106</u>	<u>7.11</u>	<u>31.12</u> °C	<u>6.99</u>	<u>31.13</u> °C	P F
Initial Calibration Verification:							
Pre Sample							
Continuing Calibration Verification:	<u>09/11</u>	<u>095143</u>	<u>9.93</u>	<u>30.93</u> °C			P F
Post Sample							
Continuing Calibration Verification:	<u>11/11</u>	<u>096106</u>	<u>7.09</u>	<u>30.02</u> °C			P F

Maintenance

Notes:

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

Site ID: Gum Spring
#2
Project: SPRG1004

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