

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

1-6-06 version

Date 11/30/11 Calibration Time (Pre Sample): 13:00 Post Sample Time: 12:30 on 12/1/11

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: 10.52 mg/L @ Temp. 12.35 °C % DO 98.8 P F

Calibrated Reading: 10.72 mg/L @ Temp. 12.33 °C % DO 100.4 P F
Pre Sample

Initial Calib. Verification: 10.82 mg/L @ Temp. 12.39 °C % DO 100.8 P F
Post Sample

Continuing Calib. Verification 10.52 mg/L @ Temp. 14.09 °C % DO 102.7 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
<i>In Calibrate Mode</i>					
Calibration:	<u>02/12</u>	<u>2008438</u>	<u>1000</u> µmhos/cm	<u>1048</u> µmhos/cm	<u>1000</u> µmhos/cm P F
<i>Pre Sample</i>					
Initial Calib. Verification:	<u>09/12</u>	<u>2103755</u>	<u>100</u> µmhos/cm	<u>100</u> µmhos/cm	<u>100</u> µmhos/cm P F
<i>Post Sample</i>					
Continuing Calib. Verification	<u>02/12</u>	<u>2008438</u>	<u>1000</u> µmhos/cm	<u>980</u> µmhos/cm	<u>980</u> µmhos/cm P F

pH

	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
<i>Standard</i>						
<i>Initial Calibration:</i>						
<i>In Calibrate Mode</i>						
7.00 SU	<u>11/11</u>	<u>096106</u>	<u>7.09</u> SU	<u>10.65</u> °C	<u>6.98</u> SU	<u>10.82</u> °C P F
<i>Initial Calibration Verification:</i>						
<i>In Read Mode</i>						
<i>Pre Sample</i>						
10.00 SU	<u>11/12</u>	<u>107444</u>	<u>10.05</u> SU	<u>10.55</u> °C		<u>10.55</u> °C P F
<i>Continuing Calibration Verification:</i>						
<i>Post Sample</i>						
7.00 SU	<u>11/11</u>	<u>096106</u>	<u>7.11</u> SU	<u>7.55</u> °C		<u>7.55</u> °C P F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

-Car body cleaned w/ liquinox
on 11/29/11

Site ID: Alexander

Project: SPRG110

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