

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: QD00977

1-6-06 version

Date 10/21/10 Calibration Time (Pre Sample): 11:45 Post Sample Time: 10:15 on 10/26/10

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:

9.16 mg/L @ Temp. 20.73 °C % DO 102.3 P F

Calibrated Reading:

8.85 mg/L @ Temp. 21.14 °C % DO 99.5 P F

Pre Sample

Initial Calib. Verification:

8.88 mg/L @ Temp. 21.57 °C % DO 100.6 P F

Post Sample

Continuing Calib. Verification

8.19 mg/L @ Temp. 27.21 °C % DO 103.3 P F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
<u>06/11</u>	<u>2912477</u>	<u>1006</u> µmhos/cm	<u>978</u> µmhos/cm	<u>1003</u> P F µmhos/cm

Pre Sample

Initial Calib. Verification:

<u>10/11</u>	<u>1009434</u>	<u>100</u> µmhos/cm	<u>102</u> µmhos/cm	P F
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Post Sample

Continuing Calib. Verification

<u>06/11</u>	<u>2912477</u>	<u>1000</u> µmhos/cm	<u>988</u> µmhos/cm	P F
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pH

Standard Exp. Date

Lot #

Initial Reading

Temperature

Calibrated Reading Temperature

In Calibrate Mode

In Calibrate Mode

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
<u>7.00 SU</u>	<u>11/11</u>	<u>096106</u>	<u>7.18</u>	<u>19.28</u> °C	<u>6.99</u>	<u>19.45</u> °C P F

Initial Calibration Verification:

In Read Mode

Pre Sample

<u>10.00</u> SU	<u>09/11</u>	<u>095143</u>	<u>10.00</u>	<u>19.36</u> °C		P F
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Continuing Calibration Verification:

Post Sample

<u>7.05</u> SU	<u>11/11</u>	<u>096106</u>	<u>7.05</u>	<u>24.94</u> °C		P F
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Maintenance

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

-Car buoy cleaned w/
liquinox on night of 10/21/10

Site ID: TROY

Project: SPRG1010

Laura Hester

Print name of person performing calibrations.

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