

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: QD03629

1-6-06 version

Date 8/4/11 Calibration Time (Pre Sample): 11:30 Post Sample Time: 7:00 on 8/9/11

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:

7.41 mg/L @ Temp. 29.46 °C % DO 97.1 (P) F

Calibrated Reading:

7.63 mg/L @ Temp. 29.51 °C % DO 100.2 (P) F

Pre Sample

Initial Calib. Verification:

7.62 mg/L @ Temp. 29.61 °C % DO 100.2 (P) F

Post Sample

Continuing Calib. Verification

8.23 mg/L @ Temp. 26.56 °C % DO 102.5 (P) F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
<u>02/12</u>	<u>2008438</u>	<u>1000</u>	<u>1001</u>	<u>999</u> (P) F
		μmhos/cm	μmhos/cm	μmhos/cm

Pre Sample

Initial Calib. Verification:

<u>09/12</u>	<u>2103755</u>	<u>100</u>	<u>99</u>	(P) F
		μmhos/cm	μmhos/cm	

Post Sample

Continuing Calib. Verification

<u>02/12</u>	<u>2008438</u>	<u>1000</u>	<u>989</u>	(P) F
		μmhos/cm	μmhos/cm	

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
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In Calibrate Mode

In Calibrate Mode

<u>7.00 SU</u>	<u>11/11</u>	<u>096106</u>	<u>7.05</u>	<u>27.75</u> °C	<u>6.99</u>	<u>27.78</u> °C (P) F
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Initial Calibration Verification:

In Read Mode

<u>10.00 SU</u>	<u>11/12</u>	<u>107444</u>	<u>10.07</u>	<u>27.77</u> °C		(P) F
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Continuing Calibration Verification:

<u>7.00 SU</u>	<u>11/11</u>	<u>096106</u>	<u>7.12</u>	<u>27.09</u> °C		(P) F
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Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

Car boy cleaned with liquinox on

8/4/11

part of Suw. River Nitrogen loading project.

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

Site ID: Lafayette Blue Spring
Project: SPRG1107

Laura Hester

Print name of person performing calibrations.