

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: QD03586-Q105429 1-6-06 version

Date 6/9/11 Calibration Time (Pre Sample): 12:45 Post Sample Time: 9:00 on 6/15/11

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:

8.04 mg/L @ Temp. 28.13 °C % DO 103.0 (P) F

Calibrated Reading:

7.68 mg/L @ Temp. 27.80 °C % DO 97.8 (P) F

Pre Sample

Initial Calib. Verification:

7.70 mg/L @ Temp. 28.02 °C % DO 98.5 (P) F

Post Sample

Continuing Calib. Verification

7.62 mg/L @ Temp. 28.46 °C % DO 98.2 (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> μmhos/cm	<u>1011</u> μmhos/cm	<u>993</u> (P) F μmhos/cm

Pre Sample

Initial Calib. Verification:

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

Continuing Calib. Verification

<u>02/12</u>	<u>2008438</u>	<u>1000</u> μmhos/cm	<u>1002</u> μmhos/cm	(P) F μmhos/cm
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pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
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Initial Calibration:

In Calibrate Mode

<u>7.00 SU</u>	<u>11/11</u>	<u>096106</u>	<u>7.05</u> SU	<u>27.60</u> °C	<u>7.00</u> SU	<u>27.62</u> °C (P) F
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Initial Calibration Verification:

In Read Mode

Pre Sample

Continuing Calibration Verification:

Post Sample

7.00

10.00 SU

11/11

096106

7.05

28.87 °C

(P) F

7.00

7.00

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y (N)

Dissolved Oxygen Membrane Changed? Y (N)

Site ID: Alexander

Project: SPRG1104

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