

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-Q+00970 1-6-06 version

Date 7/6/10 Calibration Time (Pre Sample): 12:00 Post Sample Time: 15:28

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:

7.71 mg/L @ Temp. 28.56 °C % DO 99.8 ☒ P ☐ F

Calibrated Reading:

7.76 mg/L @ Temp. 28.60 °C % DO 100.4 ☒ P ☐ F

Pre Sample

Initial Calib. Verification:

7.73 mg/L @ Temp. 28.59 °C % DO 99.7 ☒ P ☐ F

Post Sample

Continuing Calib. Verification

7.19 mg/L @ Temp. 32.13 °C % DO 98.7 ☒ P ☐ F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
<u>06/11</u>	<u>2912477</u>	<u>1000</u>	<u>1020</u>	<u>1000</u>
		μmhos/cm	μmhos/cm	μmhos/cm

Pre Sample

Initial Calib. Verification:

<u>06/11</u>	<u>2912475</u>	<u>100</u>	<u>97</u>	
		μmhos/cm	μmhos/cm	

Post Sample

Continuing Calib. Verification

<u>06/11</u>	<u>2912475</u>	<u>100</u>	<u>99</u>	
		μmhos/cm	μmhos/cm	

pH

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

7.00 SU	<u>11/11</u>	<u>096106</u>	<u>7.09</u>	<u>28.25</u> °C	<u>6.98</u>	<u>28.79</u> °C
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Initial Calibration Verification:

In Read Mode

Pre Sample	<u>10.00</u> SU	<u>09/11</u>	<u>095143</u>	<u>9.96</u>	<u>28.26</u> °C	
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Continuing Calibration Verification:

Post Sample	<u>10.00</u> SU	<u>09/11</u>	<u>095143</u>	<u>9.98</u>	<u>30.01</u> °C	
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Maintenance

Notes:

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

Site ID: Hornsby

Project: SPRG1007

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