

CALIBRATION and Continuing Calibration LOG

(FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: QD00976 - Q+00970

1-6-06 version

Boldly "X" this box if there is qualified data on this page.

Date 5-6-10 Calibration Time (Pre Sample): 16:19 Post Sample Time: 13:00 on 5/11/10

Circle/Fill In: Lab Calibration or Calibration on Site Troy

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:

7.68 mg/L @ Temp. 30.79 °C % DO 103.0 P F

Calibrated Reading:

Pre Sample

7.45 mg/L @ Temp. 30.52 °C % DO 100.0 P F

Initial Calib. Verification:

Post Sample

7.42 mg/L @ Temp. 30.83 °C % DO 99.9 P F

Continuing Calib. Verification

8.25 mg/L @ Temp. 24.50 °C % DO 99.0 P F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	P F
<u>6/11</u>	<u>2912477</u>	<u>1000</u>	<u>965</u>	<u>1000</u>	<u>P</u> F
		μmhos/cm	μmhos/cm	μmhos/cm	

Pre Sample

Initial Calib. Verification:

<u>6/11</u>	<u>2912475</u>	<u>100</u>	<u>101</u>		<u>P</u> F
		μmhos/cm	μmhos/cm		

Post Sample

Continuing Calib. Verification

<u>06/11</u>	<u>2912477</u>	<u>1000</u>	<u>1006</u>		<u>P</u> F
		μmhos/cm	μmhos/cm		

pH

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

In Calibrate Mode

<u>7.00 SU</u>	<u>6/10</u>	<u>083501</u>	<u>6.98</u>	<u>29.82</u> °C	<u>7.00</u>	<u>29.87</u> °C	<u>P</u> F
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Initial Calibration Verification:

In Read Mode

Pre Sample

16 SU

<u>7/10</u>	<u>083589</u>	<u>9.90</u>	<u>29.81</u> °C		<u>P</u> F
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Continuing Calibration Verification:

Post Sample

<u>7.06 SU</u>	<u>06/10</u>	<u>083501</u>	<u>7.08</u>	<u>24.91</u> °C		<u>P</u> F
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Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

-no samples taken. hydrolab
calibrated for use in Geoff
Brown's study.

Site ID: TROY

Project: SPRG1004

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