

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: QD00976-0+00970 1-6-06 version

Date 10/16/09 Calibration Time (Pre Sample): 11:45 Post Sample Time: 16:44

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

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: 8.50 mg/L @ Temp. 22.94 °C % DO 99.2 (P) F

Calibrated Reading: 8.59 mg/L @ Temp. 22.93 °C % DO 100.1 (P) F

Pre Sample

Initial Calib. Verification: 8.62 mg/L @ Temp. 22.94 °C % DO 100.3 (P) F

Post Sample

Continuing Calib. Verification 7.89 mg/L @ Temp. 28.30 °C % DO 101.3 (P) F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode					
Calibration:	<u>11/10</u>	<u>2905476</u>	<u>1000</u> µmhos/cm	<u>980</u> µmhos/cm	<u>1000</u> (P) F µmhos/cm
Pre Sample					
Initial Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u> µmhos/cm	<u>104</u> µmhos/cm	<u>104</u> (P) F µmhos/cm
Post Sample					
Continuing Calib. Verification	<u>02/11</u>	<u>2908330</u>	<u>100</u> µmhos/cm	<u>103</u> µmhos/cm	<u>103</u> (P) F µmhos/cm

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
In Calibrate Mode						
Initial Calibration:						
7.00 SU	<u>04/10</u>	<u>082161</u>	<u>7.32</u> SU	<u>23.18</u> °C	<u>7.00</u> SU	<u>23.15</u> °C (P) F
Initial Calibration Verification:						
Pre Sample						
Continuing Calibration Verification:	<u>07/10</u>	<u>083289</u>	<u>10.10</u> SU	<u>22.99</u> °C		<u>10.10</u> (P) F
Post Sample						
Continuing Calibration Verification:	<u>07/10</u>	<u>083289</u>	<u>10.03</u> SU	<u>28.65</u> °C		<u>10.03</u> (P) F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y (N)

Dissolved Oxygen Membrane Changed? Y (N)

-Hydrolab has just been serviced

Site ID: Troy

Project: SPR60910

Lanka 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