

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: QDn2228-A+02027 1-6-06 version

Date 7/7/09 Calibration Time (Pre Sample): 10:00 Post Sample Time: 10:27 on 7/8/09

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: 9.66 mg/L @ Temp. 24.97 °C % DO 117.1 P F

Calibrated Reading: 8.23 mg/L @ Temp. 25.14 °C % DO 99.9 P F

Pre Sample

Initial Calib. Verification: 8.19 mg/L @ Temp. 25.22 °C % DO 99.6 P F

Post Sample

Continuing Calib. Verification 8.35 mg/L @ Temp. 24.98 °C % DO 100.9 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode						
Calibration:	<u>08/09</u>	<u>4808213</u>	<u>1000</u>	<u>998</u>	<u>1000</u>	P <u>F</u>
			µmhos/cm	µmhos/cm	µmhos/cm	

Pre Sample						
Initial Calib. Verification:	<u>09/09</u>	<u>2809223</u>	<u>100</u>	<u>103</u>		P <u>F</u>
			µmhos/cm	µmhos/cm		

Post Sample						
Continuing Calib. Verification	<u>08/09</u>	<u>4808213</u>	<u>1000</u>	<u>997</u>		P <u>F</u>
			µmhos/cm	µmhos/cm		

pH

	Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode								
Initial Calibration:	<u>7.00 SU</u>	<u>04/10</u>	<u>082161</u>	<u>7.14</u>	<u>25.97</u> °C	<u>7.00</u>	<u>25.96</u> °C	P <u>F</u>

Initial Calibration Verification:								
Pre Sample								
Continuing Calibration Verification:	<u>10.00 SU</u>	<u>05/10</u>	<u>082707</u>	<u>10.15</u>	<u>25.75</u> °C			P <u>F</u>

Post Sample								
Continuing Calibration Verification:	<u>7.00 SU</u>	<u>04/10</u>	<u>082161</u>	<u>7.00</u>	<u>25.77</u> °C			P <u>F</u>

Maintenance Specific Conductance Probe Cleaned? Y N
Notes: Dissolved Oxygen Membrane Changed? Y N

-Opened new pH 7.00 Rec'd 7/3/08
lot # 082161

Site ID: TROY

Project: SPRG0907

-Car buoy cleaned w/ liquinox
on 7/6/09

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