

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

CALIBRATION and Continuing Calibration LOG

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

Meter ID: QD00977 - Q100970 1-6-06 version

Date 9/28/09 Calibration Time (Pre Sample) 13:25 Post Sample Time: 13:01 on 9/29/09

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: 7.44 mg/L @ Temp. 28.93 °C % DO 96.9 P F

Calibrated Reading: 7.64 7.64 mg/L @ Temp. 29.08 °C % DO 100.1 P F

Pre Sample

Initial Calib. Verification: 7.55 mg/L @ Temp. 29.40 °C % DO 99.2 P F

Post Sample

Continuing Calib. Verification 8.26 mg/L @ Temp. 26.20 °C % DO 102.0 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>	<u>1010</u>	<u>999</u>	<u>P</u> F
			µmhos/cm	µmhos/cm	µmhos/cm	
Pre Sample						
Initial Calib. Verification:	<u>2/11</u>	<u>2908330</u>	<u>100</u>	<u>103</u>		<u>P</u> F
			µmhos/cm	µmhos/cm		
Post Sample						
Continuing Calib. Verification	<u>12/10</u>	<u>2907007</u>	<u>1000</u>	<u>1026</u>		<u>P</u> F
			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>01/10</u>	<u>082161</u>	<u>6.88</u>	<u>30.44</u> °C	<u>6.99</u>	<u>30.36</u> °C	<u>P</u> F
				SU	°C	SU	°C	
Initial Calibration Verification:								
Pre Sample								
Initial Calibration Verification:	<u>10.00</u>	<u>12/09</u>	<u>076518</u>	<u>10.17</u>	<u>28.79</u> °C			<u>P</u> F
	SU			SU	°C			
Continuing Calibration Verification:								
Post Sample								
Continuing Calibration Verification:	<u>7.00</u>	<u>04/10</u>	<u>082161</u>	<u>7.20</u>	<u>25.52</u> °C			<u>P</u> F
	SU			SU	°C			

Maintenance

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

car buoy cleaned w/ liquinox
on 9/28/09

Site ID: SPR60907
Jackson Blue
Project: SPR60907

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