

CALIBRATION and Continuing Calibration LOG

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

Meter ID: QD02228 - QTC2027 1-6-06 version

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

Date 7/8/09 Calibration Time (Pre Sample): 10:27 Post Sample Time: 9:20 on 7/9/09

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: 8.35 mg/L @ Temp. 24.98 °C % DO 100.9 ☒ P ☐ F

Calibrated Reading: 8.27 mg/L @ Temp. 24.96 °C % DO 99.7 ☒ P ☐ F

Pre Sample

Initial Calib. Verification: 8.23 mg/L @ Temp. 24.91 °C % DO 99.4 ☒ P ☐ F

Post Sample

Continuing Calib. Verification 8.47 mg/L @ Temp. 24.52 °C % DO 101.4 ☒ P ☐ F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
<i>In Calibrate Mode</i>					
Calibration:	<u>08/09</u>	<u>4808123</u>	<u>1000</u> µmhos/cm	<u>997</u> µmhos/cm	<u>1000</u> µmhos/cm ☒ P ☐ F

<i>Pre Sample</i>					
Initial Calib. Verification:	<u>09/09</u>	<u>2809223</u>	<u>100</u> µmhos/cm	<u>104</u> µmhos/cm	☒ P ☐ F

<i>Post Sample</i>					
Continuing Calib. Verification	<u>08/09</u>	<u>4808123</u>	<u>1000</u> µmhos/cm	<u>1002</u> µmhos/cm	☒ P ☐ F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
<i>Initial Calibration:</i>						
7.00 SU	<u>04/10</u>	<u>082161</u>	<u>7.00</u> SU	<u>25.77</u> °C	<u>7.00</u> SU	<u>25.75</u> °C ☒ P ☐ F

<i>Initial Calibration Verification:</i>						
<i>Pre Sample</i>						
10.00 SU	<u>05/10</u>	<u>082707</u>	<u>10.15</u> SU	<u>25.54</u> °C		☒ P ☐ F

<i>Continuing Calibration Verification:</i>						
<i>Post Sample</i>						
7.00 SU	<u>04/10</u>	<u>082161</u>	<u>7.10</u> SU	<u>24.77</u> °C		☒ P ☐ F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y ☒ N ☐

Dissolved Oxygen Membrane Changed? Y ☒ N ☐

Site ID: Fanning

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