

CALIBRATION and Continuing Calibration LOG

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

Meter ID: QD02228-Q102027

1-6-06 version

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

Date 5/12/09 Calibration Time (Pre Sample): 11:55 Post Sample Time: 12:09 on 5/13/09

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: 7.15 mg/L @ Temp. 31.56 °C % DO 97.3 (P) F

Calibrated Reading: 7.27 mg/L @ Temp. 31.89 °C % DO 99.4 (P) F

Pre Sample

Initial Calib. Verification: 7.29 mg/L @ Temp. 31.47 °C % DO 99.1 (P) F

Post Sample

Continuing Calib. Verification 7.98 mg/L @ Temp. 27.07 °C % DO 100.2 (P) F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
<i>In Calibrate Mode</i>						
Calibration:	<u>06/09</u>	<u>4806771</u>	<u>1000</u> µmhos/cm	<u>1000</u> µmhos/cm	<u>1000</u> µmhos/cm	(P) F
<i>Pre Sample</i>						
Initial Calib. Verification:	<u>07/09</u>	<u>2807533</u>	<u>100</u> µmhos/cm	<u>100</u> µmhos/cm		(P) F
<i>Post Sample</i>						
Continuing Calib. Verification	<u>06/09</u>	<u>4806771</u>	<u>1000</u> µmhos/cm	<u>994</u> µmhos/cm		(P) F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
<i>Initial Calibration:</i>							
<u>7.00 SU</u>	<u>01/10</u>	<u>076877</u>	<u>7.06</u>	<u>33.76</u> °C	<u>7.00</u>	<u>33.67</u> °C	(P) F
<i>Initial Calibration Verification:</i>							
<i>Pre Sample</i>							
<u>10.00 SU</u>	<u>12/09</u>	<u>076518</u>	<u>9.81</u>	<u>34.45</u> °C			(P) F
<i>Continuing Calibration Verification:</i>							
<i>Post Sample</i>							
<u>7.00 SU</u>	<u>01/10</u>	<u>076877</u>	<u>7.05</u>	<u>28.93</u> °C			(P) F

Maintenance

Specific Conductance Probe Cleaned? Y (N) 8
 Dissolved Oxygen Membrane Changed? Y (N) 8

-Car buoy cleaned w/ Liquinox 5/11/09

Site ID: Hunter

Project: SPR60904

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