

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: U1 ~~8700-070222A-0102027~~ 1-6-06 version

Date 11/3/09 Calibration Time (Pre Sample): 13:15 Post Sample Time: 11:44 on 11/4/09

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
<u>Dissolved Oxygen</u>	<u>9.06</u>	<u>21.42</u>	<u>102.7</u>		
In Calibrate Mode	<u>9.10</u>	<u>21.25</u>	<u>102.8</u>		<u>P</u> F
Initial Reading:	<u>9.10</u>	<u>21.25</u>	<u>102.8</u>		<u>P</u> F
Calibrated Reading:	<u>8.74</u>	<u>21.60</u>	<u>99.4</u>		<u>P</u> F
Pre Sample					
Initial Calib. Verification:	<u>8.53</u>	<u>22.06</u>	<u>97.9</u>		<u>P</u> F
Post Sample					
Continuing Calib. Verification	<u>8.77</u>	<u>22.55</u>	<u>101.2</u>		<u>P</u> F

Specific Conductance

In Calibrate Mode	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
Calibration:	<u>01/11</u>	<u>2907738</u>	<u>1000</u>	<u>1032</u>	<u>1000</u> <u>P</u> F
Pre Sample		<u>2908330</u>	<u>µmhos/cm</u>	<u>µmhos/cm</u>	<u>µmhos/cm</u>
Initial Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u>	<u>102</u>	<u>P</u> F
Post Sample			<u>µmhos/cm</u>	<u>µmhos/cm</u>	<u>µmhos/cm</u>
Continuing Calib. Verification	<u>02/11</u>	<u>2907738</u>	<u>1000</u>	<u>978</u>	<u>P</u> F
	<u>01/11</u>		<u>µmhos/cm</u>	<u>µmhos/cm</u>	<u>µmhos/cm</u>

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
Initial Calibration:						
7.00 SU	<u>04/10</u>	<u>082161</u>	<u>6.95</u>	<u>22.05</u> °C	<u>7.00</u>	<u>22.12</u> °C <u>P</u> F

Initial Calibration Verification:

In Read Mode

Pre Sample						
10.00 SU	<u>07/10</u>	<u>083289</u>	<u>10.19</u>	<u>22.21</u> °C		<u>P</u> F
Continuing Calibration Verification:						
Post Sample						
7.00 SU	<u>04/10</u>	<u>082161</u>	<u>10.19</u>	<u>23.53</u> °C		<u>P</u> F
			<u>7.08</u>	<u>20.87</u>		

Maintenance

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

-Car buoy cleaned w/ liquinox
on 11/2/09

Site ID: Chassahowitzka Main

Project: SPR60910

Laura Hester

Print name of person performing calibrations.

Acceptance Criteria: (DO ± 0.3 mg/l) (Specific Conductance $\pm 5\%$) (pH ± 0.2 SU) (Temperature ± 0.2 °C) Warm bath Appx. 40°C