

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: QD00976-Q100970 1-6-06 version

Date 2/18/10 Calibration Time (Pre Sample): 13:30 Post Sample Time: 19:00

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:

8.34 mg/L @ Temp. 25.24 °C % DO 101.6 ☒ P ☐ F

Calibrated Reading:

8.21 mg/L @ Temp. 25.09 °C % DO 99.4 ☒ P ☐ F

Pre Sample

Initial Calib. Verification:

8.25 mg/L @ Temp. 24.27 °C % DO 98.8 ☒ P ☐ F

Post Sample

Continuing Calib. Verification

10.85 mg/L @ Temp. 12.76 °C % DO 102.6 ☒ P ☐ F

10.70

12.71

101.1

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode Calibration:	<u>01/11</u>	<u>29077381</u>	<u>1000</u> μmhos/cm	<u>1009</u> μmhos/cm	<u>1000</u> ☒ P ☐ F
Pre Sample Initial Calib. Verification:	<u>06/11</u>	<u>2912475</u>	<u>100</u> μmhos/cm	<u>101</u> μmhos/cm	☒ P ☐ F
Post Sample Continuing Calib. Verification	<u>06/11</u>	<u>2912475</u>	<u>100</u> μmhos/cm	<u>104</u> μmhos/cm	☒ P ☐ F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
Initial Calibration:						
7.00 SU	<u>06/10</u>	<u>083501</u>	<u>7.09</u> SU	<u>14.89</u> °C	<u>6.94</u> SU	<u>15.09</u> °C ☒ P ☐ F

Initial Calibration Verification:

In Read Mode

Pre Sample

10.00 SU 07/10 083289 10.17 SU 16.18 °C ☒ P ☐ F

Continuing Calibration Verification:

Post Sample

10.00 SU 07/10 083289 10.09 SU 14.62 °C ☒ P ☐ F

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y ☒ N ☐
 Dissolved Oxygen Membrane Changed? Y ☒ N ☐

Site ID: Chassahowitzka

Project: SPRG1001

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