

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: 101901

1-6-06 version

Date 3/15/12 Calibration Time (Pre Sample): 8:00 Post Sample Time: 19:20

Circle/Fill In: Lab Calibration or Calibration on Site _____

Temperature (Monthly)

Date of Last Temperature Verification _____

Pass or Fail
P F

Ice Bath: Probe _____ °C NIST _____ °C Warm Bath: Probe _____ °C NIST _____ °C

Dissolved Oxygen

In Calibrate Mode

Initial Reading: 8.63 mg/L @ Temp. 22.21 °C % DO 99.3 (P) F

Calibrated Reading: 8.69 mg/L @ Temp. 22.33 °C % DO 100.0 (P) F

Initial Calib. Verification: 8.69 mg/L @ Temp. 22.31 °C % DO 100.0 (P) F

Continuing Calib. Verification 8.59 mg/L @ Temp. 22.62 °C % DO 99.7 (P) F

Specific Conductance

In Calibrate Mode	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
Calibration:	<u>9/12</u>	<u>2103755</u>	<u>100</u> µmhos/cm	<u>103</u> µmhos/cm	<u>100</u> (P) F
Pre Sample					
Initial Calib. Verification:	<u>7/12</u>	<u>2103755</u>	<u>100</u> µmhos/cm	<u>100</u> µmhos/cm	(P) F
Post Sample					
Continuing Calib. Verification	<u>9/12</u>	<u>2103755</u>	<u>100</u> µmhos/cm	<u>102</u> µmhos/cm	(P) F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
Initial Calibration:						
7.00 SU	<u>12/12</u>	<u>108043</u>	<u>6.86</u> SU	<u>22.29</u> °C	<u>7.00</u> SU	<u>22.28</u> °C (P) F
Initial Calibration Verification:						
Pre Sample						
7.00 SU	<u>12/12</u>	<u>108043</u>	<u>7.00</u> SU	<u>22.28</u> °C		(P) F
Continuing Calibration Verification:						
Post Sample						
7.00 SU	<u>12/12</u>	<u>108043</u>	<u>6.89</u> SU	<u>22.59</u> °C		(P) F

Maintenance Notes:

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

Edgar Wade

Gary Maddox

Site ID: CYPRESS,
MORRISON, GAINER & C

Project: SPG-QTR-WQ

Edgar G. Wade

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