

CALIBRATION and Continuing Calibration LOG

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

Meter ID: AD02228-Q102027 1-6-06 version

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

Date 7/19/09 Calibration Time (Pre Sample): 9:20 Post Sample Time: 14:08:57 on 7/19/09

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

Calibrated Reading:

8.33 mg/L @ Temp. 24.56 °C % DO 100.0 ☒ P ☐ F

Pre Sample

Initial Calib. Verification: 8.34 mg/L @ Temp. 24.45 °C % DO 100.2 ☒ P ☐ F

Post Sample

Continuing Calib. Verification 8.32 mg/L @ Temp. 23.06 °C % DO 97.0 ☒ P ☐ F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
<i>In Calibrate Mode</i>	<u>08/09</u>	<u>4808213</u>	<u>1000</u>	<u>1002</u>	<u>1000</u>	☒ P ☐ F
Calibration:			µmhos/cm	µmhos/cm	µmhos/cm	
<i>Pre Sample</i>	<u>07/09</u>	<u>2807533</u>	<u>100</u>	<u>104</u>		☒ P ☐ F
Initial Calib. Verification:			µmhos/cm	µmhos/cm		
<i>Post Sample</i>	<u>08/09</u>	<u>4808213</u>	<u>1000</u>	<u>1005</u>		☒ P ☐ F
Continuing Calib. Verification:			µmhos/cm	µmhos/cm		

pH

	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
<i>Initial Calibration:</i>							
<i>In Calibrate Mode</i>	<u>04/10</u>	<u>082161</u>	<u>7.10</u>	<u>24.77</u> °C	<u>7.00</u>	<u>24.76</u> °C	☒ P ☐ F
7.00 SU			SU		SU		
<i>Initial Calibration Verification:</i>							
<i>Pre Sample</i>	<u>05/10</u>	<u>082707</u>	<u>10.14</u>	<u>24.66</u> °C			☒ P ☐ F
10.00 SU			SU				
<i>Continuing Calibration Verification:</i>							
<i>Post Sample</i>	<u>04/10</u>	<u>082161</u>	<u>6.96</u>	<u>23.45</u> °C			☒ P ☐ F
7.00 SU			SU				

Maintenance

Notes:

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

- Opened new Sp Gnd 100 Rec'd 11/12/08
lot # 2807533

Site ID: Manatee Sewer Tunnel
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