

CALIBRATION and Continuing Calibration LOG

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

Meter ID: QD0222 8-Q+02027

1-6-06 version

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

Date 4/23/09 Calibration Time (Pre Sample): 12:21 Post Sample Time: 16:22

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: 8.15 mg/L @ Temp. 24.88 °C % DO 98.4 P F

Calibrated Reading: 8.21 mg/L @ Temp. 25.06 °C % DO 99.5 P F

Pre Sample

Initial Calib. Verification: 8.17 mg/L @ Temp. 25.72 °C % DO 100.3 P F

Post Sample

Continuing Calib. Verification 7.47 mg/L @ Temp. 31.64 °C % DO 101.7 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode Calibration:	<u>06/09</u>	<u>4806771</u>	<u>1000</u> µmhos/cm	<u>990</u> µmhos/cm	<u>1000</u> <u>P</u> F

Pre Sample Initial Calib. Verification:	<u>09/09</u>	<u>2809223</u>	<u>100</u> µmhos/cm	<u>101</u> µmhos/cm	<u>P</u> F
---	--------------	----------------	------------------------	------------------------	------------

Post Sample Continuing Calib. Verification	<u>06/09</u>	<u>2712241</u>	<u>10,000</u> µmhos/cm	<u>9,940</u> µmhos/cm	<u>P</u> F
--	--------------	----------------	---------------------------	--------------------------	------------

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
In Calibrate Mode Initial Calibration:	<u>01/10</u>	<u>076877</u>	<u>7.10</u> SU	<u>25.04</u> °C	<u>7.00</u> SU	<u>25.18</u> °C <u>P</u> F

Initial Calibration Verification: Pre Sample	<u>12/09</u>	<u>076518</u>	<u>9.87</u> SU	<u>26.71</u> °C	<u>P</u> F
--	--------------	---------------	----------------	-----------------	------------

Continuing Calibration Verification: Post Sample	<u>12/09</u>	<u>076518</u>	<u>9.80</u> SU	<u>30.86</u> °C	<u>P</u> F
--	--------------	---------------	----------------	-----------------	------------

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

Site ID: Volusia Blue

Project: SPRG0904

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