

# 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: QD00977 1-6-06 version

Date 7/20/10 Calibration Time (Pre Sample): 11:45 Post Sample Time: 14:40

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

## 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: 7.19 mg/L @ Temp. 33.23 °C % DO 100.7 P F

Calibrated Reading: 7.16 mg/L @ Temp. 33.52 °C % DO 100.7 P F

Pre Sample

Initial Calib. Verification: 7.12 7.10 mg/L @ Temp. 33.47 °C % DO 99.9 P F

Post Sample

Continuing Calib. Verification 7.11 mg/L @ Temp. 34.40 °C % DO 101.3 P F

## Specific Conductance

|                   | Exp. Date    | Lot #          | Standard    | Initial Reading | Calibrated Reading |                                                                                     |
|-------------------|--------------|----------------|-------------|-----------------|--------------------|-------------------------------------------------------------------------------------|
| In Calibrate Mode | <u>06/11</u> | <u>2912477</u> | <u>1000</u> | <u>993</u>      | <u>996</u>         | <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">P</span> F |
| Calibration:      |              |                | μmhos/cm    | μmhos/cm        | μmhos/cm           |                                                                                     |

|                              |              |                |            |            |  |                                                                                     |
|------------------------------|--------------|----------------|------------|------------|--|-------------------------------------------------------------------------------------|
| Pre Sample                   | <u>06/11</u> | <u>2912475</u> | <u>100</u> | <u>101</u> |  | <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">P</span> F |
| Initial Calib. Verification: |              |                | μmhos/cm   | μmhos/cm   |  |                                                                                     |

|                                |              |                |            |            |  |                                                                                     |
|--------------------------------|--------------|----------------|------------|------------|--|-------------------------------------------------------------------------------------|
| Post Sample                    | <u>06/11</u> | <u>2912475</u> | <u>100</u> | <u>102</u> |  | <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">P</span> F |
| Continuing Calib. Verification |              |                | μmhos/cm   | μmhos/cm   |  |                                                                                     |

## pH

| Standard             | Exp. Date    | Lot #         | Initial Reading | Temperature     | Calibrated Reading | Temperature     |                                                                                     |
|----------------------|--------------|---------------|-----------------|-----------------|--------------------|-----------------|-------------------------------------------------------------------------------------|
| In Calibrate Mode    | <u>11/11</u> | <u>096106</u> | <u>7.01</u>     | <u>32.79</u> °C | <u>7.00</u>        | <u>32.97</u> °C | <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">P</span> F |
| Initial Calibration: |              |               |                 |                 |                    |                 |                                                                                     |

|                                   |              |               |             |                 |  |  |                                                                                     |
|-----------------------------------|--------------|---------------|-------------|-----------------|--|--|-------------------------------------------------------------------------------------|
| Initial Calibration Verification: | <u>09/11</u> | <u>095143</u> | <u>9.86</u> | <u>34.42</u> °C |  |  | <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">P</span> F |
| Pre Sample                        |              |               |             |                 |  |  |                                                                                     |

|                                      |              |               |             |                 |  |  |                                                                                     |
|--------------------------------------|--------------|---------------|-------------|-----------------|--|--|-------------------------------------------------------------------------------------|
| Continuing Calibration Verification: | <u>09/11</u> | <u>095143</u> | <u>9.91</u> | <u>39.83</u> °C |  |  | <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">P</span> F |
| Post Sample                          |              |               |             |                 |  |  |                                                                                     |

## Maintenance

Specific Conductance Probe Cleaned? Y N W  
Dissolved Oxygen Membrane Changed? Y N

## Notes:

-DO membrane changed on 7/19/10  
after sampling

Site ID: 4<sup>th</sup> Apopka

Project: SPRG1007

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