

# 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 7/21/10 Calibration Time (Pre Sample): 12:44 Post Sample Time: 17:00

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: 7.20 mg/L @ Temp. 31.64 °C % DO 97.9 ☒ P ☐ F

Calibrated Reading: 7.26 mg/L @ Temp. 31.80 °C % DO 99.0 ☒ P ☐ F

Pre Sample

Initial Calib. Verification: 7.11 mg/L @ Temp. 32.40 °C % DO 98.0 ☒ P ☐ F

Post Sample

Continuing Calib. Verification 7.21 mg/L @ Temp. 31.10 °C % DO 97.3 ☒ P ☐ F

## Specific Conductance

|                                | Exp. Date    | Lot #          | Standard                | Initial Reading        | Calibrated Reading      |                                                            |
|--------------------------------|--------------|----------------|-------------------------|------------------------|-------------------------|------------------------------------------------------------|
| In Calibrate Mode              |              |                |                         |                        |                         |                                                            |
| Calibration:                   | <u>06/11</u> | <u>2912477</u> | <u>1000</u><br>μmhos/cm | <u>965</u><br>μmhos/cm | <u>1000</u><br>μmhos/cm | <input checked="" type="radio"/> P <input type="radio"/> F |
| Pre Sample                     |              |                |                         |                        |                         |                                                            |
| Initial Calib. Verification:   | <u>06/11</u> | <u>2912475</u> | <u>100</u><br>μmhos/cm  | <u>101</u><br>μmhos/cm |                         | <input checked="" type="radio"/> P <input type="radio"/> F |
| Post Sample                    |              |                |                         |                        |                         |                                                            |
| Continuing Calib. Verification | <u>06/11</u> | <u>2912477</u> | <u>1000</u><br>μmhos/cm | <u>99</u><br>μmhos/cm  |                         | <input checked="" type="radio"/> P <input type="radio"/> F |

## pH

| Standard                             | Exp. Date    | Lot #         | Initial Reading | Temperature     | Calibrated Reading | Temperature     |                                                            |
|--------------------------------------|--------------|---------------|-----------------|-----------------|--------------------|-----------------|------------------------------------------------------------|
| In Calibrate Mode                    |              |               |                 |                 |                    |                 |                                                            |
| Initial Calibration:                 |              |               |                 |                 |                    |                 |                                                            |
| 7.00 SU                              | <u>11/11</u> | <u>096106</u> | <u>6.93</u>     | <u>34.78</u> °C | <u>6.99</u>        | <u>34.75</u> °C | <input checked="" type="radio"/> P <input type="radio"/> F |
| Initial Calibration Verification:    |              |               |                 |                 |                    |                 |                                                            |
| Pre Sample                           |              |               |                 |                 |                    |                 |                                                            |
| Continuing Calibration Verification: | <u>07/11</u> | <u>095143</u> | <u>9.92</u>     | <u>35.73</u> °C |                    |                 | <input checked="" type="radio"/> P <input type="radio"/> F |
| Post Sample                          |              |               |                 |                 |                    |                 |                                                            |
| Continuing Calibration Verification: | <u>09/11</u> | <u>095143</u> | <u>10.01</u>    | <u>35.37</u> °C |                    |                 | <input checked="" type="radio"/> P <input type="radio"/> F |

## Maintenance

Notes:

Specific Conductance Probe Cleaned? Y ☒ N

Dissolved Oxygen Membrane Changed? Y ☒ N

Site ID: Wekiwa

Project: SPR61007

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