

# **CALIBRATION and Continuing Calibration LOG** (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: QD00976 - Q+00970 1-6-06 version

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

Date 11/17/09 Calibration Time (Pre Sample): 13:34 Post Sample Time: 15:15

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: 8.93 mg/L @ Temp. 22.18 °C % DO 102.5 (P) F

Calibrated Reading:

8.67 mg/L @ Temp 22.34 °C % DO 99.8 (P) F

Pre Sample

Initial Calib. Verification: 8.47 mg/L @ Temp 22.58 °C % DO 97.9 (P) F

Post Sample

Continuing Calib. Verification 8.82 mg/L @ Temp 22.90 °C % DO 102.5 (P) F

## **Specific Conductance**

|                                            | Exp. Date    | Lot #          | Standard       | Initial Reading | Calibrated Reading |                   |
|--------------------------------------------|--------------|----------------|----------------|-----------------|--------------------|-------------------|
| In Calibrate Mode Calibration:             | <u>01/11</u> | <u>02/11</u>   | <u>2907730</u> | <u>1000</u>     | <u>982</u>         | <u>1003</u> (P) F |
|                                            |              |                | μmhos/cm       | μmhos/cm        | μmhos/cm           |                   |
| Pre Sample Initial Calib. Verification:    | <u>02/11</u> | <u>2908330</u> | <u>100</u>     | <u>104</u>      |                    | (P) F             |
|                                            |              |                | μmhos/cm       | μmhos/cm        |                    |                   |
| Post Sample Continuing Calib. Verification | <u>02/11</u> | <u>2908330</u> | <u>100</u>     | <u>102</u>      |                    | (P) F             |
|                                            |              |                | μmhos/cm       | μmhos/cm        |                    |                   |

## **pH**

| Standard                             | Exp. Date    | Lot #         | Initial Reading | Temperature     | Calibrated Reading | Temperature     |       |
|--------------------------------------|--------------|---------------|-----------------|-----------------|--------------------|-----------------|-------|
| In Initial Calibration:              | <u>04/10</u> | <u>082161</u> | <u>7.14</u>     | <u>22.89</u> °C | <u>7.00</u>        | <u>22.92</u> °C | (P) F |
|                                      |              |               | SU              |                 | SU                 |                 |       |
| Initial Calibration Verification:    | <u>07/10</u> | <u>083289</u> | <u>10.12</u>    | <u>19.80</u> °C |                    |                 | (P) F |
|                                      |              |               | SU              |                 |                    |                 |       |
| Continuing Calibration Verification: | <u>07/10</u> | <u>083289</u> | <u>10.18</u>    | <u>22.17</u> °C |                    |                 | (P) F |
|                                      |              |               | SU              |                 |                    |                 |       |

**Maintenance** Specific Conductance Probe Cleaned? Y (N)  
**Notes:** Dissolved Oxygen Membrane Changed? Y (N)

DO membrane changed 11/5/09  
Car buoy cleaned w/  
liquinox on 11/16/09

Site ID: Lithia

Project: SPR60910

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