

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

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

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

Date 10/13/09 Calibration Time (Pre Sample): 13:21 Post Sample Time: 19:10

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: 8.89 mg/L @ Temp. 25.07 °C % DO 108.1 P ☒ F

Calibrated Reading:

Pre Sample

Initial Calib. Verification: 8.25 mg/L @ Temp. 25.08 °C % DO 100.3 P ☐ F

Post Sample

Continuing Calib. Verification: 8.47 mg/L @ Temp. 24.50 °C % DO 101.6 P ☐ F

7.984
8.01

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode Calibration:	<u>01/11</u>	<u>2907738</u>	<u>1000</u> μmhos/cm	<u>1015</u> μmhos/cm	<u>1000</u> P ☐ F
Pre Sample Initial Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u> μmhos/cm	<u>101</u> μmhos/cm	<u>100</u> P ☐ F
Post Sample Continuing Calib. Verification:	<u>02/11</u>	<u>2908330</u>	<u>100</u> μmhos/cm	<u>102</u> μmhos/cm	<u>100</u> P ☐ F

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
7.00 SU	<u>04/10</u>	<u>082161</u>	<u>7.02</u> SU	<u>25.24</u> °C	<u>6.99</u> SU	<u>25.25</u> °C

Initial Calibration Verification:

In Read Mode

Pre Sample 10.00 SU 07/10 083289 10.09 SU 25.32 °C P ☐ F

Continuing Calibration Verification:

Post Sample 10.00 SU 07/10 083289 10.09 SU 26.62 °C P ☐ F

Maintenance

Notes:

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

- Opened new Sp Cond 100
- Opened new Sp Cond 10.00
- Cap buoy cleaned w/ liquinox
- On 10/12/09

Site ID: Madison Blue

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