

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

Meter ID: QD00976 - Q200970 1-6-06 version

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

Date 11/18/09 Calibration Time (Pre Sample): 12:10 Post Sample Time: 17:00

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: 8.34 mg/L @ Temp 23.88 °C % DO 99.0 ☒ P ☐ F

Calibrated Reading: 8.46 mg/L @ Temp 23.96 °C % DO 100.5 ☒ P ☐ F

Pre Sample

Initial Calib. Verification: 8.40 mg/L @ Temp 24.16 °C % DO 100.1 ☒ P ☐ F

Post Sample

Continuing Calib. Verification: 8.35 mg/L @ Temp 23.59 °C % DO 98.3 ☒ P ☐ F

8.27 23.60 98.0

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
In Calibrate Mode	<u>01/11</u>	<u>02/11</u>	<u>2907738</u>	<u>1009</u>	<u>1000</u>
Calibration:			<u>1000</u> $\mu\text{mhos/cm}$	<u>1009</u> $\mu\text{mhos/cm}$	<u>1000</u> $\mu\text{mhos/cm}$
Pre Sample	<u>02/11</u>	<u>2908330</u>	<u>100</u>	<u>103</u>	
Initial Calib. Verification:			<u>100</u> $\mu\text{mhos/cm}$	<u>103</u> $\mu\text{mhos/cm}$	
Post Sample	<u>02/11</u>	<u>2908330</u>	<u>100</u>	<u>100</u>	
Continuing Calib. Verification:			<u>100</u> $\mu\text{mhos/cm}$	<u>100</u> $\mu\text{mhos/cm}$	

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
Initial Calibration:	<u>04/10</u>	<u>082161</u>	<u>7.00</u>	<u>24.19</u> °C	<u>7.00</u>	<u>24.25</u> °C

Initial Calibration Verification:	In Read Mode
Pre Sample	
<u>10.00</u> SU	<u>07/10</u> <u>083289</u> <u>10.13</u> SU <u>22.57</u> °C
Continuing Calibration Verification:	

Post Sample	<u>10.00</u> SU	<u>07/10</u> <u>083289</u> <u>10.18</u> SU <u>24.02</u> °C
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Maintenance Specific Conductance Probe Cleaned? Y ☒ N ☐
Notes: Dissolved Oxygen Membrane Changed? Y ☒ N ☐

Site ID: Rainbow

Project: SPR60910

Laura Hester

Print name of person performing calibrations.

Acceptance Criteria: (DO $\pm 0.3 \text{ mg/l}$) (Specific Conductance $\pm 5\%$) (pH $\pm 0.2 \text{ SU}$) (Temperature ± 0.2 °C) Warm bath Appx. 40 °C