

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 2/23/10 Calibration Time (Pre Sample): 14:00 Post Sample Time: 15:45

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

Dissolved Oxygen

In Calibrate Mode

Initial Reading:

9.07 mg/L @ Temp. 20.85 °C % DO 101.6 ☐ P ☐ F

Calibrated Reading:

8.92 mg/L @ Temp. 21.00 °C % DO 100.2 ☐ P ☐ F

Pre Sample

Initial Calib. Verification:

8.83 mg/L @ Temp. 21.17 °C % DO 99.5 ☐ P ☐ F

Post Sample

Continuing Calib. Verification

8.74 mg/L @ Temp. 23.11 °C % DO 102.0 ☐ P ☐ F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
<u>01/11</u>	<u>29077381</u>	<u>1000</u> µmhos/cm	<u>988</u> µmhos/cm	<u>998</u> µmhos/cm ☐ P ☐ F

Pre Sample

Initial Calib. Verification:

<u>02/11</u>	<u>2908330</u>	<u>100</u> µmhos/cm	<u>100</u> µmhos/cm	<u>100</u> µmhos/cm ☐ P ☐ F
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Post Sample

Continuing Calib. Verification

<u>02/11</u>	<u>2908330</u>	<u>100</u> µmhos/cm	<u>100</u> µmhos/cm	<u>100</u> µmhos/cm ☐ P ☐ F
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pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
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Initial Calibration:

In Calibrate Mode

<u>7.00 SU</u>	<u>06/10</u>	<u>083501</u>	<u>6.84</u> SU	<u>19.51</u> °C	<u>6.99</u> SU	<u>19.55</u> °C ☐ P ☐ F
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Initial Calibration Verification:

In Read Mode

Pre Sample

<u>10.00</u> SU	<u>07/10</u>	<u>083289</u>	<u>10.17</u> SU	<u>19.58</u> °C	<u>10.17</u> SU	<u>19.58</u> °C ☐ P ☐ F
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Continuing Calibration Verification:

Post Sample

<u>10.00</u> SU	<u>07/10</u>	<u>083289</u>	<u>10.18</u> SU	<u>21.53</u> °C	<u>10.18</u> SU	<u>21.53</u> °C ☐ P ☐ F
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Maintenance

Notes:

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

-Car buoy cleaned w/ liguinox
on 2/22/10

Site ID: Lithia

Project: SPR61001

Laura Hester

Print name of person performing calibrations.

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