

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: QD03586-Q105429 1-6-06 version

Date 6/15/11 Calibration Time (Pre Sample): 9:00 Post Sample Time: 19:15

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:

7.62 mg/L @ Temp 28.46 °C % DO 98.20 P F

Calibrated Reading:

7.71 mg/L @ Temp 28.71 °C % DO 99.8 P F

Pre Sample

Initial Calib. Verification:

7.65 mg/L @ Temp 28.85 °C % DO 99.3 P F

Post Sample

Continuing Calib. Verification

7.34 mg/L @ Temp 32.06 °C % DO 99.9 P F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
<u>02/12</u>	<u>2008438</u>	<u>1000</u>	<u>1002</u>	<u>997</u>
		μmhos/cm	μmhos/cm	μmhos/cm

Pre Sample

Initial Calib. Verification:

<u>09/12</u>	<u>2103755</u>	<u>100</u>	<u>101</u>	<u>101</u>
		μmhos/cm	μmhos/cm	μmhos/cm

Post Sample

Continuing Calib. Verification

<u>09/12</u>	<u>2103755</u>	<u>100</u>	<u>102</u>	<u>102</u>
		μmhos/cm	μmhos/cm	μmhos/cm

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature
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7.00 SU	<u>11/11</u>	<u>096106</u>	<u>7.05</u>	<u>28.87</u> °C	<u>6.98</u>	<u>28.86</u> °C
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Initial Calibration Verification:

In Read Mode

<u>10.00</u> SU	<u>11/12</u>	<u>107444</u>	<u>10.00</u>	<u>28.88</u> °C
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Continuing Calibration Verification:

<u>10.00</u> SU	<u>11/12</u>	<u>107474</u>	<u>10.00</u>	<u>30.84</u> °C
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Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

car buoy cleaned w/ liquinox
on 6/14/11

Site ID: Marion
Salt
Project: SPR 61104

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