

RQ-2013-02-18-25

SPRG1301

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

Meter ID:

1-6-06 version

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

Date 2/19/13 Calibration Time (Pre Sample): 7:15 Post Sample Time: 18:05

Circle/Fill In:

Lab Calibration

or

Calibration on Sitepost Rock Spring**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:

8.92 mg/L @ Temp. 20.93 °C % DO 99.5 (P) F

Calibrated Reading:

8.92 mg/L @ Temp. 20.95 °C % DO 100.0 (P) F

Pre Sample

Initial Calib. Verification:

8.92 mg/L @ Temp. 20.95 °C % DO 100.0 (P) F

Post Sample

Continuing Calib. Verification

9.25 mg/L @ Temp. 19.22 °C % DO 99.9 (P) F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading
<u>4/13</u>	<u>211199</u>	<u>100</u> μmhos/cm	<u>100</u> μmhos/cm	<u>100</u> (P) F μmhos/cm

Pre Sample

Initial Calib. Verification:

<u>4/13</u>	<u>211199</u>	<u>100</u> μmhos/cm	<u>100</u> μmhos/cm	<u>100</u> (P) F μmhos/cm
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Post Sample

Continuing Calib. Verification

<u>4/13</u>	<u>211199</u>	<u>100</u> μmhos/cm	<u>99</u> μmhos/cm	<u>99</u> (P) F μmhos/cm
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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>10/13</u>	<u>115471</u>	<u>6.99</u> SU	<u>21.04</u> °C	<u>7.00</u> SU	<u>21.03</u> °C (P) F
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Initial Calibration Verification:

In Read Mode

Pre Sample

<u>7.00</u> SU	<u>10/13</u>	<u>115471</u>	<u>7.00</u> SU	<u>21.02</u> °C	<u>7.00</u> SU	<u>21.02</u> °C (P) F
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Continuing Calibration Verification:

Post Sample

<u>7.00</u> SU	<u>10/13</u>	<u>115471</u>	<u>6.98</u> SU	<u>19.73</u> °C	<u>6.98</u> SU	<u>19.73</u> °C (P) F
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MaintenanceSpecific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

Site ID:

Project:

Edgar Wade

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

ROCK SPRINGS
SPRG1301 2ND MAG. SPRING

WEKIWA SPRINGS
SPRG1301 2ND MAG. SPRING

APOKA (GOURDNECK) SPRING
SPRG1301 2ND MAG. SPRING