

RQ-2013-01-07-25

SPRS1301

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 1/10/13 Calibration Time (Pre Sample): 11:00 Post Sample Time: _____

Circle/Fill In: Lab Calibration or Calibration on Site MUD 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: 8.07 mg/L @ Temp. 26.31 °C % DO 100.2 P F

Calibrated Reading: 8.02 mg/L @ Temp. 26.51 °C % DO 100.0 (P) F

Pre Sample Initial Calib. Verification: 8.01 mg/L @ Temp. 26.57 °C % DO 100.0 (P) F

Post Sample Continuing Calib. Verification 8.24 mg/L @ Temp. 25.37 °C % DO 100.1 (P) F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode Calibration:	<u>4/13</u>	<u>211199</u>	<u>100</u> µmhos/cm	<u>103</u> µmhos/cm	<u>100</u> µmhos/cm	(P) F
Pre Sample Initial Calib. Verification:	<u>4/13</u>	<u>211199</u>	<u>100</u> µmhos/cm	<u>100</u> µmhos/cm		(P) F
Post Sample Continuing Calib. Verification	<u>4/13</u>	<u>211199</u>	<u>100</u> µmhos/cm	<u>100</u> µmhos/cm		(P) F

pH

	Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
In Calibrate Mode Initial Calibration:	<u>7.00 SU</u>	<u>10/13</u>	<u>115471</u>	<u>6.96</u> SU	<u>23.62</u> °C	<u>7.00</u> SU	<u>23.69</u> °C	(P) F
Initial Calibration Verification:								
Pre Sample Continuing Calibration Verification:	<u>7.00</u> SU	<u>10/13</u>	<u>115471</u>	<u>7.00</u> SU	<u>23.73</u> °C			(P) F
Post Sample Continuing Calibration Verification:	<u>7.00</u> SU	<u>10/13</u>	<u>115471</u>	<u>7.01</u> SU	<u>22.62</u> °C			(P) F

Maintenance

Notes:

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

Site ID:

Project:

Edgar Wade
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

ARIPEKA SPRING #2

SPRS1301 ARIPEKA SPRING #2

MUD SPRING (HERNANDO)

SPRS1301 MUD SPRING (HERNANDO)

ARIPEKA SPRING #1

SPRS1301 ARIPEKA SPRING #1