

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 1/6/11 Calibration Time (Pre Sample): 11:00 Post Sample Time: 13:00 on 1/11/11

Circle/Fill In: Lab Calibration or Calibration on Site Yes

Temperature (Monthly)

Date of Last Temperature Verification _____

Pass or Fail
P F

Ice Bath: Probe _____ °C NIST _____ °C Warm Bath: Probe _____ °C NIST _____ °C

Dissolved Oxygen

In Calibrate Mode

Initial Reading:

9.40 mg/L @ Temp. 17.86 °C % DO 99.0 P F

Calibrated Reading:

9.41 mg/L @ Temp. 17.83 °C % DO 99.2 P F

Pre Sample

Initial Calib. Verification:

9.47 mg/L @ Temp. 17.74 °C % DO 99.5 P F

Post Sample

Continuing Calib. Verification

11.52 mg/L @ Temp. 9.74 °C % DO 101.1 P F

Specific Conductance

In Calibrate Mode

Calibration:

Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
<u>06/11</u>	<u>2912477</u>	<u>1000</u> μmhos/cm	<u>1008</u> μmhos/cm	<u>1002</u> μmhos/cm	<u>P</u> F

Pre Sample

Initial Calib. Verification:

<u>10/11</u>	<u>1004434</u>	<u>100</u> μmhos/cm	<u>103</u> μmhos/cm		<u>P</u> F
--------------	----------------	------------------------	------------------------	--	------------

Post Sample

Continuing Calib. Verification

<u>06/11</u>	<u>2912477</u>	<u>1000</u> μmhos/cm	<u>1011</u> μmhos/cm		<u>P</u> F
--------------	----------------	-------------------------	-------------------------	--	------------

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
----------	-----------	-------	-----------------	-------------	--------------------	-------------	--

Initial Calibration:

In Calibrate Mode

<u>7.00 SU</u>	<u>11/11</u>	<u>096106</u>	<u>6.98</u>	<u>12.60</u> °C	<u>6.99</u>	<u>12.66</u> °C	<u>P</u> F
----------------	--------------	---------------	-------------	-----------------	-------------	-----------------	------------

Initial Calibration Verification:

In Read Mode

Pre Sample

<u>10.00</u> SU	<u>09/11</u>	<u>095143</u>	<u>10.15</u>	<u>12.79</u> °C			<u>P</u> F
-----------------	--------------	---------------	--------------	-----------------	--	--	------------

Continuing Calibration Verification:

Post Sample

<u>7.00</u> SU	<u>11/11</u>	<u>096106</u>	<u>7.18</u>	<u>9.01</u> °C			<u>P</u> F
----------------	--------------	---------------	-------------	----------------	--	--	------------

Maintenance

Notes:

Specific Conductance Probe Cleaned? Y N

Dissolved Oxygen Membrane Changed? Y N

Site ID: Devil's Ear

Project: SPRG1101

Laura Hester

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