

CALIBRATION and Continuing Calibration LOG

(FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: QD02228-Q102027

1-6-06 version

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

Date 8/20/09 Calibration Time (Pre Sample): 7:20 Post Sample Time: 13:00 on 8/21/09

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: 8.28 mg/L @ Temp. 25.25 °C % DO 100.6 P F

Calibrated Reading: 8.22 mg/L @ Temp. 25.23 °C % DO 99.9 P F

Pre Sample

Initial Calib. Verification: 8.31 mg/L @ Temp. 25.09 °C % DO 100.7 P F

Post Sample

Continuing Calib. Verification 7.69 mg/L @ Temp. 28.70 °C % DO 99.6 P F

Specific Conductance

	Exp. Date	Lot #	Standard	Initial Reading	Calibrated Reading	
In Calibrate Mode	<u>08/09</u>	<u>4808213</u>	<u>1000</u>	<u>1015</u>	<u>1000</u>	<u>P</u> F
Calibration:			µmhos/cm	µmhos/cm	µmhos/cm	

Pre Sample	<u>07/09</u>	<u>2807533</u>	<u>100</u>	<u>103</u>		<u>P</u> F
Initial Calib. Verification:			µmhos/cm	µmhos/cm		

Post Sample	<u>08/09</u>	<u>4808213</u>	<u>1000</u>	<u>989</u>		<u>P</u> F
Continuing Calib. Verification			µmhos/cm	µmhos/cm		

pH

Standard	Exp. Date	Lot #	Initial Reading	Temperature	Calibrated Reading	Temperature	
Initial Calibration:							
<u>7.00 SU</u>	<u>01/10</u>	<u>082161</u>	<u>6.97</u>	<u>24.26</u> °C	<u>7.00</u>	<u>24.26</u> °C	<u>P</u> F

Initial Calibration Verification:							
Pre Sample	<u>12/09</u>	<u>076518</u>	<u>10.18</u>	<u>25.12</u> °C			<u>P</u> F

Continuing Calibration Verification:							
Post Sample	<u>12/09</u>	<u>076518</u>	<u>10.20</u>	<u>29.50</u> °C			<u>P</u> F

Maintenance

Specific Conductance Probe Cleaned? Y N

Notes:

Dissolved Oxygen Membrane Changed? Y N

- DO membrane changed 8/19/09 after sampling

- Using expired SpCond 100 because new shipment had not arrived yet.

Site ID: Rainbow

Project: SPRG0907

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