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March 5, 2010

Earl Crosswhite  
City of Ness City  
208 West Main  
PO Box 419  
Ness City, KS 67560

Dear Earl;

This is a follow up letter of the meter tests that I conducted on the 5/8 x 3/4 Badger meter that you sent to KRWA to be tested. The test results are as below:

<b>Meter: 5/8 x 3/4 Badger (recordall model 25) SN: 86096521 Date: n/a Location: n/a</b>						
Test Number	Test Flow rate gallons per min.	Meter Volume (entity's meter)	Tester Volume (KRWA's tester)	Entity's meter accuracy (compared to KRWA)	(flow curve adjustment) on test meter	Adjusted Accuracy
1	0.25	1	10	10.0%	98.0%	9.8%
2	2	10	9.6	104.2%	100.4%	104.6%
3	8.5	100	99	101.0%	99.2%	100.2%

This meter would not register at the low flow test of .25 gallons per minute (gpm). At 2 gpm, the register was 4% fast and at full flow of 8.5 gpm, the meter was 100% accurate. This meter does not meet the AWWA standard for accuracy and should be replaced or repaired. If you have a number of these meters of the same era and model and have an increasing unaccounted for water loss, the inaccuracy of the meters could be a major contributor to that problem.

Please feel free to contact Kansas Rural Water Association or me if we can be of further assistance. Also, visit the KRWA website [www.krwa.net](http://www.krwa.net) for news and information concerning water and wastewater utilities, training opportunities and other KRWA programs.

Again, thank you for the opportunity.

Sincerely,

Greg Metz  
Technical Assistant

C: Gary Gantz, Mayor  
Carley Yeager, City Clerk