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July 15, 2010

Dennis Stigge
City of Washington
PO Box 296
Washington, KS 66968

Re: Meter Test

Dear Dennis;

This letter is in follow-up to the meter test conducted on the 6-inch Rockwell meter at the wells. The results are below:

Meter: Rockwell 6-inch turbine; SN: 38890; Dated: NA; Location: Well House No. 1						
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	215	1000	980	102.0%	99.4%	101.4%
2	215	2000	1977	101.2%	99.4%	100.6%
3	215	3000	2965	101.2%	99.4%	100.6%
Second set of tests						
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	250	1000	987	101.3%	99.2%	100.5%
2	250	2000	1982	100.9%	99.2%	100.1%
3	250	3000	2977	100.8%	99.2%	100.0%

The first test on this meter was with just one of the wells operating and a flow rate of 215 gpm. At this flow rate, the meter was over-registering by only 1.5%. Knowing that the city operates two wells most of the time, we ran a second test with two wells operating and a flow rate of 250 gpm. At this flow rate the meter still was registering accurate at 99.8% to 100.5%. This meter tested within the AWWA standards at both flow rates. Although I was unable to duplicate the 400 gpm that we timed the meter at when in normal operation I see no reason to replace this meter at this time.

I enjoyed the opportunity to work with you on this and look forward to working with you in the future. If you have any questions please feel free to call me at 785-541-0342. Also, visit the KRWA website at 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: Curt Hassler, City Manager
Kate Tietsort, Water Commissioner