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May 30, 2010

Thomas Bacon
City of South Haven
PO Box 130
South Haven, KS 67140

Dear Thomas,

It was a pleasure to assist you with the meter testing of your master meters. The meters were field tested for accuracy at their normal operating rate. The south well meter is registering at 97.8% and the north well meter is registering at 96.6%. The results are as follows:

Meter: 4-inch Sensus # 69694949

1. Test Rate: 200 gpm, Meter Test Volume 1000 gallons, Tester Volume 1012 gallons, flow curve on test meter 99%, Meter Accuracy 97.8%.
2. Test Rate: 100 gpm, Meter Test Volume 1000 gallons, Tester Volume 1019 gallons, flow curve adjustment on test meter 99.2%, Meter Accuracy 97.3%.

Meter: 4-inch Sensus # 69694950

1. Test Rate: 90 gpm, Meter Test Volume 1000 gallons, Tester Volume 1026 gallons, flow curve adjustment on test meter 99.2%, Meter Accuracy 96.6%

There is a problem with the north well meter as we discussed. When the upgrades to your system were completed, the contractor used the meter test port as a injection point for the chlorine. This is a bad situation and should be changed as we discussed. This could cause meter registration problems and shorten the meter life. Even though the meter field-tested accurate we used the test port so the chlorine injection apparatus was disconnected during the test. Therefore we don't know if the accuracy is affected. The line should be tapped and a new injection point installed further downstream of the meter.

Please call KRWA if the Association can be of any other assistance. Also check the KRWA Web site at www.krwa.net for information and updates on the training calendar.

Sincerely,

Jon Steele
Circuit Rider, KRWA

C: Amy Brown, Clerk