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July 14, 2010

John Brown
Atchison Cons. RWD 5
8345 286th Rd.
Lancaster, KS 66041

Dear John;

This letter in follow up to my recent visit with you at the district.

When we overflowed the towers, the Lancaster tower showed a chlorine residual of 1.3 mg/l. It is necessary to keep a residual of 1.0 mg/l throughout the distribution system. Although the residual is presently higher than the minimum residual, I suggest increasing the dosages of chlorine and ammonia at the booster station west of Atchison.

The Huron tower showed a chlorine residual of 1.0 mg/l. To increase this residual, I recalibrated the chlorine pump at the Lancaster booster station to 32 ml per minute, and the ammonia to 20 ml per minute. This will increase your residual by 2 mg/l.

I am in the process of making new calculation diagrams for you to post at both booster stations. This will allow you to make adjustments to the pumps as needed for chlorine demand.

If I can assist you on anything in the future, feel free to contact me at 913-370-0097 or the KRWA office at the number above.

Sincerely,

Tony Kimmi
Technical Assistant

C: Dwight Scholz, Manager