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February 12, 2010

James Teeter
City of Windom
PO Box 38
Windom, KS 67491

Dear James,

It was good to meet with you to discuss the daily operations of the water system.

DAILY CHLORINE RESIDUALS: Each public water supply system in Kansas is required by the Kansas Department of Health and Environment to maintain daily chlorine residuals in the distribution system. The residuals for your system must be maintained from 0.2- 4.0 mg/l free chlorine. These residuals must be recorded daily and kept on file for public inspection for ten years. Your daily chlorine residuals have been averaging 1.7 mg/l free chlorine.

ROUTINE BACTERIOLOGICAL SAMPLING: All public water supply systems in Kansas are required by KDHE to collect routine bacteriological samples that are free of bacteria. Your system is required to collect two each month. A positive sample will require you to collect additional samples until the source of the problem is determined. We reviewed sampling techniques. Samples have been negative; the city has no violations at this time.

METER REPLACEMENT: We discussed a meter replacement program. You have been changing some meters. Meters generally slow down and stop with age and wear. This causes a loss of revenue and adds to the systems water loss. A good rule of thumb is to change out meters at 1 to 1.5 million gallons of use. Replacing a water meter should be considered as an investment rather than an expense.

SERVICE LINE LEAKAGE AND REPAIR: We discussed repairing service lines and reviewed the various methods and types of plumbing components used. Generally it is better to replace the entire service line as it will likely fail.

I am pleased that you are planning to attend the upcoming Annual Water Conference in Wichita, March 30 – April 1. It will be a great place for new operators to meet other industry professionals and learn about the waterworks industry.

Sincerely,

Jon Steele
Circuit Rider

C: Duane Ukens, Mayor
Vickie Wessel, KDHE