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February 22, 2010

Brad Roether
Mayor, City of Milford
P.O. Box 279
Milford, KS 66514

Dear Brad,

I enjoyed visiting with you last week about the city's plans to move forward with the test drilling process. Hopefully a good source of groundwater can be located. As we discussed previously, treatment and monitoring requirements are not as extensive for groundwater systems as for surface water systems. Unlike your current situation where clarification and filtration is required to treat surface water, groundwater systems typically require only chlorination. The only exception is if the ground water is determined to be under the direct influence of surface water (GWUDI). GWUDI will require additional treatment; however, this treatment generally does not consist of a typical surface water treatment plant such as yours. Usually filtration of some type is all that is needed to treat GWUDI. Groundwater systems are much less costly to operate and maintain. It is becoming very difficult for small systems to keep up with the cost of operating, maintaining, and complying with ever changing standards for surface water systems.

Also, it was good to know that the city has not ruled out discussions with to Geary County RWD No. 4 to possibly supply water to the city if adequate groundwater cannot be located. Purchasing water from another groundwater source would eliminate the need to maintain the existing plant and would allow the city to get out of the surface water treatment business.

Funding for the above assistance was provided through a contractual arrangement between the Kansas Department of Health and Environment (State Revolving Loan Program set-aside) and the Kansas Rural Water Association (KRWA). Please call the KRWA if we can be of further assistance. Also, visit the KRWA website www.krwa.net for news and information concerning water and wastewater utilities, training opportunities, and other KRWA programs.

Sincerely,

Delbert C. Zerr
Consultant

c: Randy Colp, Operator
Dave Waldo, KDHE, Topeka
Marsha Carpenter, KDHE, Salina