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June 24, 2010

Lee Wymer
City of Morrill
PO Box 146
Morrill, KS 66515

Dear Lee,

As requested, I assisted you with questions about E. coli bacteria sample time in transit to the lab.

I contacted Ed Dillingham at KDHE; Ed informed me that according to EPA standard methods, the E. coli bacterial test is required to be conducted in less than 6 hours of the time the sample is collected. He said that KDHE understands the problem with transport time to labs in less than 6 hours and allows the test to be conducted within 24 hours of the time the sample is collected. Ed said that he thought all labs had been instructed to do the E. coli test and just note the time in transit was not met if transit time of 24 hours was not met. This allows for longer transit times, such as UPS or FEDEX, for example.

I also asked about the Infiltration and inflow (I & I) problems that we identified during the smoke testing conducted by KRWA about two years ago. I understand that only one problem has been corrected. I recommend that the city clean and videotape the main lines where problems were found to determine the extent of damage in the collection system. Once the problems are identified, the city can prioritize the necessary repairs and budget to correct them. Repair work may include 'cured in place' pipe for the main line in front of the old bank, or replace the section near the creek on the east side of town. These are just two examples of places I recall where there were issues with collection system.

Please call if you have any questions. KRWA appreciates the opportunity to provide assistance to your system and your support as members.

Sincerely,

Charlie Schwindamann
Wastewater Tech

CS: ejr
C: Leon Huning, Mayor
Linda Hill, City Clerk
Helen Holm, KDHE, Lawrence