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June 18, 2009

Jerry Bowser
Jackson RWD 3
Post Office Box 366
Holton, Kansas 66436

Dear Jerry;

This letter is in follow-up to the assistance provided to Jackson RWD 3 in assisting in attempting to locate the cause of the district's high water losses.

A Water Loss Survey was initiated by checking and listening to valves on main distribution pipelines. On the first night, we located a leak between two valves on a 4-inch line that runs north and south on the west side of Q4th Road, north of 278th Road. The water leak was estimated to be 25 gpm. The leak was in the bank area of a small creek in a location of prior leaks; this leak had been ongoing for some time. At a cost of \$2.20 per thousand gallons, the cost of the lost water could be approximately \$2376 per month.

An additional leak was detected on a 4-inch line on R Road north of 286th Road. This leak was estimated to be 20 gpm. This leak was also pinpointed and repaired the next day. At a cost of \$2.20 per thousand gallons, the cost of the lost water could be approximately \$1900 per month. The two leaks together could account for a monthly cost of \$4276.

There was also a notable increase in the line pressure going to the City of Netawaka after the repairs were made on the lines. The line pressure went from a low of 54 psi to a high of 66 psi.

Thank you for allowing KRWA to be of help. Please call if we can be of further assistance. Also, visit the KRWA website www.krwa.net for news and information concerning water and wastewater utilities, upcoming training opportunities and other KRWA programs.

Sincerely,

Gary Armentrout
Circuit Rider

GA: ejr
C: David Allen, Chairman
Brenda Adkins, Manager