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July 14, 2010

Wesley Howe
City of St. George
Po Box 33
St. George, KS 66535

Re: Chlorinator problems

Dear Wesley;

This letter is in follow-up to my visit to your city to assist with a chlorinator issue as requested.

We disassembled the unit; we found water in the head. This was likely due to the unit not being used for a long period of time. Condensation had accumulated in the unit. To ensure good function of the units, I suggest your plan of operation be to close the valve on the bottle, forcing the chlorinator to switch to the other bottle. I also suggest installing a de-humidifier in the chlorine room to help to reduce the moisture level and possible condensation issues in the lines. As you saw, there was substantial corrosion in the fittings which made it difficult to turn the valves. Exercising the units should prevent them from seizing up again.

I would like also to commend you on the awareness of safety with the gas chlorine and for not attempting to or wanting to work on the system without another person present. It is a good idea to always have a second person on site, even when just changing bottles. You also had done a good job of making sure you had the parts on hand for repairs.

I enjoyed the opportunity to work with you on this and look forward to working with you in the future. If you have any questions please feel free to call me at 785-541-0342. Also, visit the KRWA website at www.krwa.net for news and information concerning water and wastewater utilities, training opportunities and other KRWA programs.

Again, thank you for the opportunity.

Sincerely,

Greg Metz
Technical Assistant

c: Hans Tessmann, Mayor
Vickie Wessel, KDHE