



P.O. Box 226 • Seneca, KS 66538 • 785/336-3760
FAX 785/336-2751 • <http://www.krwa.net>

June 8, 2009

Dan Montgomery
City Superintendent
City of Severy
P.O. Box 128
Severy, Kansas 67137

Re: Treatment Plant Operations

Dear Dan;

I wish to thank Paula and you for the opportunity to meet and discuss treatment plant operations on June 4. The main topic of discussion was the low chlorine residuals at the treatment plant.

It has been difficult to maintain high chlorine residual at the end of the #1 basin. This is probably due to high levels of iron or manganese or both in the lake water during this time of year. At the time of my visit, the city had received a new, solution feed pump. It will be installed to help the gas chlorinator keep residuals high in the #1 basin.

We discussed the need to mix the chlorine feed solution stronger than it was presently being mixed so as to increase the chlorine dosage in the #1 basin. It may take a mixture as strong as a 1 gallon of 10% NaOCl to 1 gallon of water, or stronger, to get the residual up to 3.0 – 3.5 mg/l at the end of the #1 basin.

If you have any questions concerning this matter, please contact me at 785-215-9427.

The above assistance was provided through a contractual arrangement between the Kansas Dept. of Health & Environment (State Revolving Loan Program set-aside) and KRWA. Also, visit the KRWA website www.krwa.net for news and information concerning water and wastewater utilities, training opportunities and other KRWA programs

Again, thanks for opportunity to meet with you all.

Respectfully,

S. Patrick McCool, P.E.
KRWA Consultant

C: Doug Josephson
Richard Thomas, KDHE