



Missouri American Water
727 Craig Road
St. Louis, MO 63141
amwater.com

May 28, 2009

Mr. Tim Geohagan
Flowmore Services
P.O. Box 692005
Houston, TX 77269

Re: 8" Raw Water Line Pigging – Brunswick, Missouri

Dear Mr. Geohagan:

I am writing this letter as a follow-up to the recent pigging work conducted on April 20, 2009 in our Brunswick, Missouri operation. As you are aware, the source of supply for the water distribution system is groundwater, transmitted to the treatment plant via well pumps. Over a period of time, deposits of naturally occurring iron in the groundwater supply accumulate on the interior pipe walls of the raw water transmission main, thereby reducing the effective diameter and carrying capacity of the pipeline.

In an effort to improve pumping efficiency and increase the volume of water for treatment, it is necessary to periodically pig approximately 6,000 feet of 8-inch PVC raw water main between the wells and the treatment plant. Missouri American Water previously utilized the services and expertise of Flowmore Services to pig the same 8-inch raw water main in 2004.

I am pleased to report, as a result of the recent pipeline pigging, we have experienced an increase of approximately 50 gallons per minute (gpm) from the well field to our treatment plant. With your assistance, we were able to pig the entire pipeline within a period of only six (6) hours using four (4) types of pigs provided by your company. After flushing the pipeline, we were able to resume normal operation and treatment shortly after completion of the pigging process.

It was a pleasure meeting and working with you and Coleman to deliver a successful outcome for this project. Thank you for all of your efforts in making this possible. I will certainly call upon you and Flowmore services for assistance, recommendations, or pigging services on future projects. Thanks, again.

Sincerely,

Marek D. Jacobs, E.I.T.
Engineer – Project Delivery & Developer Services

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