



## **City of Mosinee - Public Works Department**

225 Main Street Mosinee, Wisconsin 54455 715/693-3840 Fax: 715/693-1324 www.mosinee.wi.us

April 22, 2019

### Water Main Flushing Notice

The Mosinee Water Utility again be starting the process of aggressively flushing water mains throughout the City. This aggressive flushing will be done according to our written Unidirectional Flushing (UDF) Program. The UDF program utilizes computer generated models and system mapping to determine a sequence for flushing/cleaning individual sections of water main in a systematic method. Advantages of UDF over normal flushing: it minimizes the water needed to flush the system and removes more sediment and pipe scale buildup.

We are continuing this aggressive flushing program in an effort to improve the quality of the water that is being delivered to our customers. The water treatment plant is producing excellent quality, clean water. Now we need to work on getting the water mains and distribution system cleaned up. Normal flushing procedures remove lighter deposits of iron and manganese from inside the water mains, but not the deposits that have been building up for many years and are attached to the inside of the pipes. UDF will remove more of these deposits and provide better quality water to our customers.

The UDF process requires that we close valves to isolate short sections of pipe. The program is designed to flush dirty pipes with water from pipes that have just been flushed clean. The sections of main being flushed are fairly small and water flow in the pipes is in one direction. When a flushing hydrant is opened, water comes from recently flushed (clean) mains through unflushed (dirty) mains and out the hydrant. This process decreases the possibility of dirty water complaints, but can affect water pressure while hydrants are flowing. Pressure drops should only last a short time when the hydrant is opened and being flushed.

Customers can expect lower water pressure during flushing periods, but you should not lose all water pressure. If you do, there is a valve closed that we think is open. If you experience a complete loss of water pressure, please contact the DPW at 715-693-2275 immediately so we can correct the situation.

During flushing, there will be increased chances of dirty water entering your home. The water is bacteriologically safe, but can stain laundry or have a brown or yellow color to it. If you notice Utility staff working in your neighborhood, check your water before doing laundry or bathing. If you do get a “slug” of dirty water into your home, flush the cold water lines through a bath tub or laundry sink. If the water does not clear up within a couple of minutes please contact the Utility at the number listed below.

Flushing will begin the week of April 29<sup>th</sup> and is expected to continue into June. Each day that flushing is planned a map will be posted on the City's website identifying the area planned for flushing that day. Flushing will be done during the daytime hours, 7:30 am to 3:00 pm Monday thru Friday, but not on any holiday.

You can also call City Hall for a daily update on what area is planned for flushing.

We realize that the flushing will cause some problems and inconvenience, but our long term goal is to improve the quality of the drinking water delivered to our customers. Thank You, in advance for your patience and understanding.

If you have any questions or need any additional information please call me at 715-693-2275 or email to: [publicworks@mosinee.wi.us](mailto:publicworks@mosinee.wi.us)

Sincerely

*Kevin Breit*

Kevin Breit  
Director of Public Works  
City of Mosinee