

Is water safe during flushing?

The water is safe during flushing, but customers may notice discoloration or sediment at their tap. Using your water may draw sediment into the water pipes, hot water heater or water softener in your



building or home. It is best not to do laundry or use hot water until the water has cleared. Check if your water has cleared by periodically checking the **kitchen cold water tap, or outside tap.**

How will you be notified?

Neighborhoods will be notified when we will be in their area by use of the Non-Emergency Notification System. If you currently have a listed phone number, you will be called. If you have an unlisted number or would rather be notified via e-mail you may register at: <http://wincoil.us/rockfordwater>. Notification will also be provided through television, newspaper and the City of Rockford website.



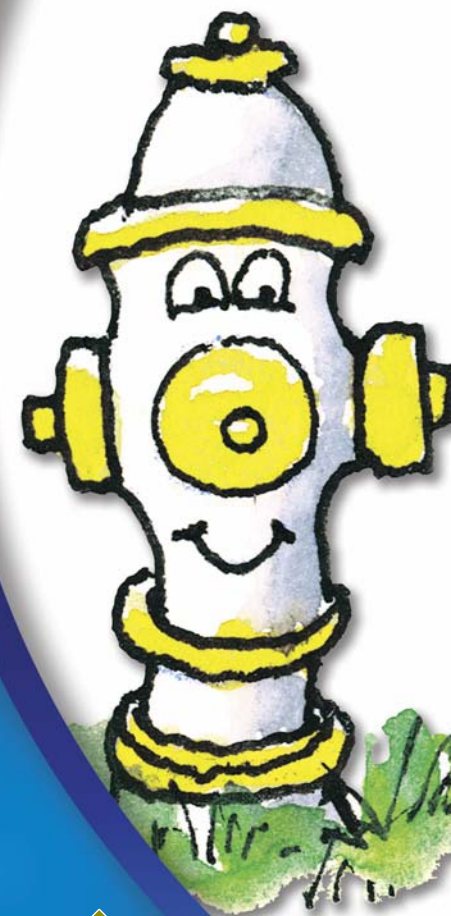
Questions?

If you have any questions, please feel free to contact the City of Rockford Water Division – Water Quality Section
1111 Cedar St
Rockford, IL 61102
(779) 348-7151

For more information, visit our website at
www.rockfordil.gov

Hydrant Flushing

Unidirectional



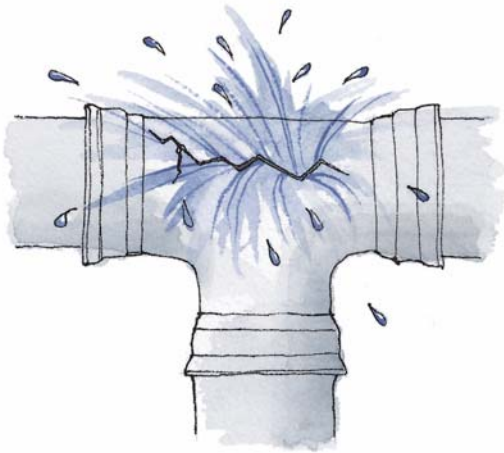
Unidirectional Flushing

What are water mains?

Water mains are underground pipes that carry water from a well house reservoir to the water service that leads to your home.

Why do we flush water mains?

The source of Rockford's water has high levels of naturally occurring minerals (iron and manganese). As water travels through the mains, the minerals settle and build up over time. A change in direction or rate of flow of the water in the mains (due to a water main break or an open hydrant used for fire fighting) can disturb the sediment resulting in

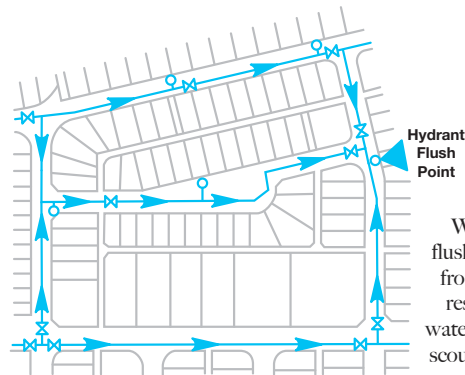


discolored water. If not removed, these minerals may cause water quality deterioration, or taste and/or odor problems. Flushing water mains removes this deposited sediment.

What is unidirectional flushing?

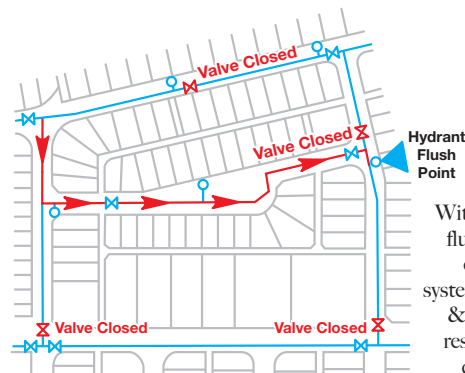
Unidirectional flushing (UDF) is the most effective way of cleaning water mains. This method also maintains water quality and system capacity. It also requires the least amount of water of any cleaning method.

Traditional Flushing



With traditional flushing, water flows from all directions, resulting in lower water velocity and less scouring of the pipes.

Unidirectional Flushing



With unidirectional flushing, water is channeled by systematically opening & closing valves, resulting in better cleaning with less water.

Benefits of flushing

The benefits of flushing include maintaining and improving the water quality level in the water mains. Flushing can also reduce bacterial growth, restore disinfectant residual, improve color and clearness control corrosion and restore flow and pressures in the water distribution system. These benefits can prolong the life expectancy of the distribution system.



When will flushing occur?

The City of Rockford's annual program runs daily Monday through Thursday during daylight hours until 4:00 pm, weather permitting starting in April and ending in October. Throughout the year, localized spot flush jobs are completed to maintain water quality.