

# Hydrant and Water Main Flushing

## See attached schedule and locations

### **Why does the City perform hydrant flushing?**

Hydrant flushing is the quick release of water from fire hydrants. It's a controlled procedure that is vital to the general maintenance of the City's water distribution system. It ensures adequate water flow is available to fire fighters, residents and businesses. It also helps maintain the City's water clarity and quality by clearing iron and mineral deposits from the water mains (distribution pipes).

### **What are the effects of hydrant flushing?**

Hydrant flushing helps ensure water quality and helps avoid random bouts of rusty water if there is a high demand for water, such as a major firefighting effort or high usage during a sustained drought.

Sometimes hydrant flushing can make the water temporarily appear rust-colored because the iron and mineral deposits in the water get stirred up.

### **Why is my water rust/tea-colored from the hydrant flushing? Is the water safe?**

Sometimes hydrant flushing can make the water temporarily appear rust-colored because the iron and mineral deposits in the water get stirred up. Water is safe to use and consume during hydrant flushing, however it may stain laundry.

The main component of the discoloration of the water during hydrant flushing is caused by iron deposits from inside the water mains. The naturally occurring source of iron is from ground water wells and deposits in the pipes that make up the underground water system. Currently, iron is not regulated by the United States Environmental Protection Agency. The Illinois Environmental Protection Agency dictates a current maximum level of 1.0 ppm. The City's iron level is historically between 0.0 – 0.02 parts per million. (For reference one part per million is equivalent to looking at 1 inch in 16 miles or 1 penny in \$10,000.)

### **Does the City test the water regularly? Is the testing done at various sites?**

The City of Troy is required by the U.S. Environmental Protection Agency and the Illinois Environmental Protection Agency to test the water in the system at various times throughout the year according to mandated parameters. The results of these tests are outlined in the annual Water Quality Report available on the City website. Although the water is discolored during hydrant flushing and may look unclear or tinted, the water is not harmful or contaminated. To ensure the highest possible quality of water and in accordance with regulations, the City's Water Department collects samples from 20 separate collection points every month from areas all over of the water system. This sampling takes place even during hydrant flushing operations. These samples are then analyzed for bacteriological contamination. Historically the City of Troy has compliance with these samples, which means there are no bacteria in the water.

**I live on the west side and the City is flushing hydrants on the east side. How come my water is discolored?**

Sometimes residents who live beyond the limits of the area where hydrant flushing is being performed will notice rust-colored water. We assure you that the Water Division is making every attempt to keep these impacts to a minimum, while continuing to maintain safe drinking water.

**How come my water is discolored, but my neighbor didn't notice any discoloration?**

If you were home when the flushing was going on and you turned on your water, you're water may be discolored because you are drawing in the water as the city's system is flushing it and stirring up the minerals and iron.

If your neighbors were not home all day and returned home in the evening and turned on their tap when no flushing was occurring, they most likely will not notice any discoloration.

**Tips for Minimizing Water Discoloration during Hydrant Flushing Operations**

- If possible, limit your water use.
- Wait until flushing has subsided in your area then run the cold water tap until the water runs clear.
- If have a water softener and are experiencing discolored water, place the unit into regeneration or cleaning mode after hydrant flushing is completed in your area.
- Remember rust colored water is safe, but it may stain laundry. If this happens, keep clothes wet and treat them with stain remover.

**When will Hydrants and water mains be flushed?**

Hydrant flushing occurs annually, in the spring. A flushing schedule is posted on the City Website. The water department will make every attempt to maintain the schedule, but the schedule may be adjusted without notice.

## HYDRANT and WATER MAIN FLUSHING SCHEDULE 2020

May 11th-15th		May 18th-22nd			May 26th-29th	
Auburn Trace	McDonald Dr.	Ackerman Place	High	Reid	Ambrose	Hollywood
Bargraves	Melanie	Antler Dr.	Indian Creek	Remington	Antler point	Hook Pond Way
Bill Lou	Meyer Dr	Aspen Dr.	Industrial Dr.	Richview Dr	Arbor Springs	Huntley
Bluestem	N. Wilson	Austin Dr.	Jacob Ct.	Riggin Rd	Arrowhead	Kimberlin
Bouse	Nottingham	Autumn Oaks	James Dr.	Rt. 162	Ash	Kirsch Rd
Bradley	O'Hara	Bambi	Jarvis Ct	Rt. 40 West	Ashbrooke	Lake Dr
Briarwood	Oakwood	Barnsback	Joshua Ct.	Ruddy Ct.	Autumn Circle	Lancelot
Buckeye	Olde Farm Rd	Bass	Kensington Pl	Rutledge	Avalon	Mallard Point
Buckhorn	Patton	Berkshire	Kimberlin	S. Main	Barley	Maplebrooke
Canterbury	Pinewood Ct.	Bluebird	Lake Terrace Ct.	Sarah	Bauer Rd.	Market St
Carla	Prairie Court	Border	Lakewood Dr	Schmaltz	Bethany Dr.	Meadowbrooke
Chamberlain	Reagan	Brookfield	Laundry	Semith Ln	Blackjack Rd.	Mill Hill Lane
Cherry Lane	Rebecca	Bullseye Dr.	Lions Dr.	Sequoia	Brair Meadow	Norman D Acres
Clarence Ct	Redbud	Burlington	Lone Robin	Sherbourne	Brair Meadow Ct	Norwood
Cloverfield	Rex Dr.	Cardinal Creek	Longshot Dr.	Spring Valley	Brentmoor	Oak Ridge Ln
Coolige Ct	Riggin Rd	Cedarmill	Longview Ct	Staunton Rd	Bridge Hampton	Oakbrooke
Country Aire	Rt 162	Charcoal St	Lorean	Steeplechase Ct	Bridlespur	Oakshire
Cowgirl Ln	S. Klenke	Charleston	Lower Marine Rd	Steven Dr.	Bristol	Park
Creekside	Springmill	Chickadee	Mark Steven	Steven Louis Ct	Buckingham	Pebblebrooke
David Dr.	Sugar Mill	Clay St	Market St	Sunset Chase	Camden	Pin Oak
Deerfield	Suncrest	Collinsville Rd	Martin Dr.	Taake	Camelford	Pinebrooke
Dorothy Dr	Tramore	Cook	Mary Dr.	Taylor Lake	Cedar Point Park	Red Coach Lane
E Resource	Troy Rd	Dale Dr	Matthew Allen	Throp	Cedarbrooke	Ridgefield
E. Kirsch Rd	Vandalia	David Dr.	Matthew Ct.	Thrush Ct.	Center	Rt. 162
Eisenhower	Wagon Trail Ct.	Devries Ct	Meadow Dr.	Timber Creek	Center & Ash	Rt. 40
Fair Lane	Waterford	Dewey	Meadowlark	Timber Ridge	Charcoal	S. Main
Formosa Rd.	Weatherwane	Doug Dr.	Michael Dr	Timber Terrace	Cheshire Rd.	Saddlebrooke
Frey Lane	Wheatridge	E. Clay	Mockingbird	Traci Ann	Claybrooke	Sandstone
Fulham	Wheatridge Ct.	E. Mary	Montgomery	Trout	Cobblestone	Shadesrest
George Bush	Whittworth	Eagles Way	Nancy Ct.	Troy Ave.	Country Lane	Shadowbrooke
Gliddon	Will Vina	Edwardsville Rd.	Northwoods	Wayland	Coventry	South St
Granary Ct.	Willow	Elmer	Oakland Dr.	Wendell Creek	Creekside	Spingvalley Rd
Graythorn	Zenk	Fitch	Old Homestead	Wentworth Ct	Crossington	Steelcrest
Harvestyme		Forest Court	Orchard Ct	West Market	Dewey	Stonebrair
Hilltop		Forest Knoll	Ottwein Rd	Weston	Ellington	Stonebrooke
Ivy Court		Formosa Rd	Padin	Weston St	Fair Oaks	Stratford
Jane Circle		Foxboro Ct	Park	Whippoorwill	Fairington	Sundance
Kimberly Cr.		Franklin	Parklane Rd.	Whistling Creek	FoxCreek	Sunnybrooke
Lakeview Acres		Gillham	Parkside	Wickliffe	Gawain	Troy O'Fallon Rd
Lakewood Ct.		Goldfinch	Parkview	Willet Dr.	Glen Rae	Turtle Creek
Liebler Rd.		Grandview Dr	Piedmont	Willingway	Glendale	Westbrooke
Lindenwood		Harbor Mill	Pike Lane	Willow Creek	Glenwood	Wheat Dr.
Longbranch		Hazel	Powell	Wind Flower Crk	Hassinger	Wildhorse
Louise		Henderson	Quail Lake	Woodthrush	Henning School	Wildwood Dr
Loyet Rd		Heritage Ct	Rachael Ct.	Wren Hill	Herrick Park	Woodland Ct.
McArthur		Hickory	Red Oak Ln	Zachary Ct	Hickory	Woodland Hills
McClelland		Hidden Creek	RedBird		High	