

DISCOLORED WATER
JUNE 2023 WATER UPDATE

This response is the result of the recent incident involving discolored water reported by several of our residents located primarily south of the I-74 overpass. Understandably, this situation has caused frustration and anxiety to our residents and staff. I can assure everyone that the Mayor, City Council and the entire City Staff are committed towards providing our community with water that is safe and appealing. My intent here is to outline the steps we have taken thus far and to let our residents know that additional updates will follow as we move forward.

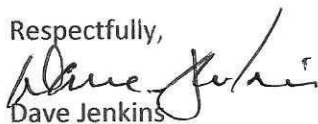
The recent “discolored” water issue was the result of a planned hydrant test located within the Brickyard Fields area. The city’s distribution system is a closed network of pressurized piping and when the hydrant was opened, the disturbance stirred up or re-suspended sediments causing the water to be discolored.

Steps That Are Underway or Have Been Completed:

- Water Department staff have initiated and completed a system-wide flushing of the distribution system.
- Water samples taken and tested for several locations within the impacted area. The water has continued to test according to IEPA standards with the two exceptions, involving Lead/Copper and Haloacetic Acids neither of which are the cause for discolored water. The North/South Water Towers and the ground storage tank at the water plant have all been cleaned and disinfected. The discolored water samples continue to pass all bacteriological tests.
- Installation of an auto-flush hydrant at Brickyard Fields is under strong consideration. Our distribution system, like any other, has mains that must be ended due to physical obstructions or design features. This results in a “dead-end” that does not connect back with another main. Low usage in these areas results in sediment accumulation. Over time the lack of circulation can result in the appearance of discolored, foul tasting stale water.
- On-going consultation with IEPA. Initiate system-wide flushing twice annually, (Spring/Fall)
- Working with chemical engineers from Water Solutions, LLC and completed initial list of recommendations. (Chemical Engineer expected to be back on-site early next week).
- Continue working with Chastain Engineering.
- Consulted with and received recommendations from resident who has 17+ years background in water analysis.
- City has replaced four residential lead service lines Spring-2023.

Unfortunately, we don’t have a resolution timeline, but I can assure you that we will continue to work as hard and as long as necessary to correct these issues.

Respectfully,



Dave Jenkins

Administrator, City of Le Roy