



City Administrator's Report

January 12, 2023

Department of Natural Resources Violation Notification

In October 2022, one of the five continuous flow turbidity meters at the water treatment plant stopped working. Turbidity is a measurement of the clarity of our drinking water. Staff started taking grab samples every 2 hours to ensure our water quality met drinking water standards. However, due to supply chain issues and parts availability from the manufacturer, we were not able to bring the continuous flow monitoring back up within 5 days and therefore did not meet the requirement of continuous flow monitoring and will need to notify our residents of this occurrence.

The requirements according to the Missouri Safe Drinking Water Law and Regulations, 10 CSR 60-4.050 (3) (B) Maximum Turbidity Levels:

1. Turbidity must be equal to or less than 0.3 turbidity units in at least ninety-five percent (95%) of the measurements taken each month
2. Readings will be recorded / reported at 4-hour increments

Turbidity is measured in NTU: Nephelometric Turbidity Units. The instrument used for measuring turbidity is called nephelometer or turbidimeter, which measures the intensity of light scattered at 90 degrees as a beam of light passes through a water sample.

Upon receipt of the parts, the turbidity meter was placed back in service. During the time the unit was not working, the staff took grab samples and measured the turbidity every 2 hours. The combined filter effluent results were well below the standard, averaging 0.067 NTU.

At no time was the drinking water not monitored nor unsafe for consumption.

DNR regulations require the City to notify all residents of this incident and we are mailing notices to all utility customers and have created a website to provide additional information, including our turbidity results.

The City is committed to providing safe drinking water for consumption, meeting or exceeding all State and Federal Safe Drinking Water Standards.

Smithville 110 – TIF Application

This week, the developer of Smithville 110 (the old Spelman Hospital property) formally submitted a TIF plan. Staff is working with economic development counsel to coordinate the statutorily required processes and notifications for review.

Animal Care and Housing RFQ

No responses were received in response to the RFQ issued late last year. Staff continues to review and put together information relating to animal control services for budget discussion. We are leaving discussion of Chapter 235 enforcement on the February 21 work session agenda so that we can ensure we have direction from the board as we move through the budget process.

Snow Event Evaluation

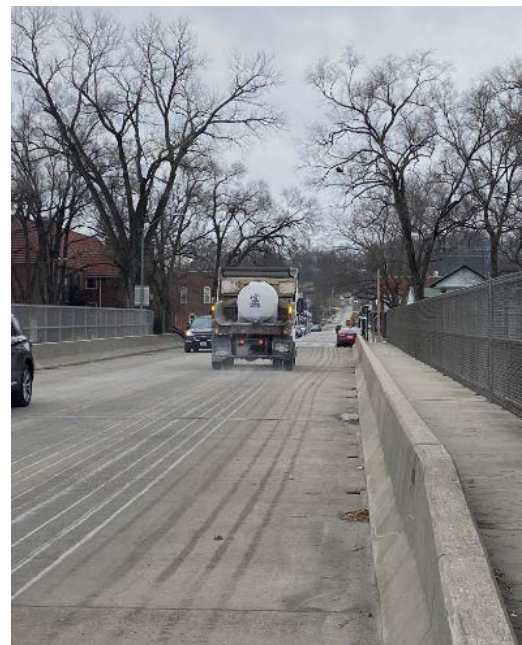
Smithville experienced its first snow events of the winter season on Thursday, December 22, 2022. The city had a team of six staff members present to provide the winter response.

This year, the City implemented a new protocol recommended by the American Public Works Association (APWA) to pre-treat main streets with brine. Brine is a solution of salt and water that is applied to the road before a winter storm that helps prevent snow from sticking to the roads. For this snow event, staff applied a total of 1,100 gallons of brine (550 on December 20, and 550 on December 21).

On Thursday December 22, crews started working at 4 a.m. and worked for 12 hours. The city is contracting with R&S Lawn Service for residential snow removal in pre-identified neighborhoods. The contractor had four trucks and four staff members for their response.

The City and the contractor used a total of 40 tons of salt and sand. The staff and contractors did a good job overall responding to the snow event. One of the spreaders had an issue with the wiring chain running backwards. Staff put new ends on, and it worked fine afterwards.

Staff continues to monitor weather predictions and conditions and is prepared for response to winter events.



Winner Avenue – Waterline Replacement

The contractors, Blue Moon, have successfully laid all of the new water lines, tested and flushed the lines. Crews are currently working to complete tie-ins to the new main and will begin connecting residential meters to the new main. Completion of the project is currently estimated by the end of January.

