

Required Treatment Not Maintained at The City of Mansfield

In accordance with the Ohio EPA lead and copper regulations, we are required to treat our water with silica and maintain a concentration range greater than or equal to 7.0 mg/L at the entry point. During the monitoring period of January – June 2018, there were at least 32 days in which we failed to maintain the required level.

What Should I Do?

- *There is nothing you need to do at this time. You do not need to boil your water or take other corrective action.*
- *This notice is to inform you that the City of Mansfield did not maintain adequate levels of Silica in the public drinking water system during the January – June 2018 time period, as required by the Ohio Environmental Protection Agency.*

What is being done?

Upon being notified of this violation, the water supplier will take steps to ensure that adequate levels will be maintained in the future.

Please contact Angelo Klousiadis (person) at 419-884-3310 (phone number) for further information or at 2010 Lexington Springmill Rd, Mansfield, OH 44904 mailing address

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly. You can do this by posting this notice in a public place or distributing copies by hand or mail.

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Violation ID: 9756822

Every spring, during April and May, we get runoff from rains and streams entering the reservoir. This dilutes the natural Silica and drops it from 4-5 to as low as 2. We try to increase our well water blend during those times in order to help increase the natural Silica. We also add a phosphate silicate corrosion inhibitor to the water which adds some chemical Silica. We add 250 to 275 pounds per day of corrosion inhibitor but this adds less than 1 mg/l Silica to the water. We would need to add over 1000 pounds per day of chemical to increase the Silica 1 mg/l. Our corrosion control parameters given to us by Ohio EPA require that the Silica needs to be tested at least once every 2 weeks and be kept above 7.0 mg/l and the pH kept between 7.8 and 8.2 each day. In late April and early May this spring, the Silica average for 30 days dropped to 6.6 mg/l which resulted in a Treatment Technique violation. This is not a MCL violation and does not affect the water quality. Since May 24, the Silica level has been above 7.0 mg/l. There is nothing the consumer needs to do and the water quality is not affected. We have increased our ground water blend to increase the natural Silica. As a result of the TT violation, the City will need to increase the samples tested this year for lead and copper from 30 samples to 60 samples. Since January 1, 2018 through June 5, 2018, the average Silica has been 8.1 mg/l.