

DRINKING WATER WARNING

Mantua Town Utilizing Source with Outdated Water Quality Information

What happened?

At approximately 5:00 A.M. on 8-16-23 Mantua Public Works received a low water level water warning. Upon responding it was discovered the primary well had not turned on to fill the south water storage tank. To keep a positive supply of water in our distribution system it was necessary to bring back into service our secondary well to continue indoor use of water throughout our community.

We routinely monitor our drinking water sources for contaminants. The well currently in service has not been in use for the past two years. In that time, we have not collected source samples to confirm the present water quality.

What is being done?

We have taken the necessary tests and are awaiting the results to confirm the current water quality conditions at the well in use. The table below describes the contaminants that have been tested for, the date on which they were last sampled for and the levels which were observed.

Contaminant	Drinking Water Standard	Date of Most Recent Result	Result	Sample Taken in Response to Event
BacT	Absent	July 2023, Within the Distribution System	Absent	Yes
Nitrate	10mg/L	December 2019	1.1mg/L	Yes
Inorganics and Metals	Varies	December 2019	Within Standards	No
Pesticides	Varies	December 2019	Within Standards	Yes
Volatile Organic Compounds	Varies	December 2019	Within Standards	Yes
Radionuclides	Varies	December 2019	Gross Alpha Particle Activity exceeded Drinking Water Standard	Yes
Sulfate, Sodium TDS	Varies	December 2019	Within Standards	No

What does this mean?

During the last sampling event, Gross Alpha Particle Activity was observed at levels of 24pCi/L. The Maximum Contaminant Level (MCL) for Gross Alpha Particle Activity is 15pCi/L.

Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. The Gross Alpha Particle Activity Levels observed in 2019 do not represent

an immediate risk. However, some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer.

The water currently being served has unconfirmed water quality. The appropriate tests have been collected to ensure that the water meets state drinking water standards. More information will be provided as it becomes available.

What should I do?

- *No additional action is needed – no boiling is required.*
- *If you have specific health concerns, please consult your doctor.*

For more information, please contact Harper Johnson @ mantuapublicworks@gmail.com or phone @ 435-730-0878

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by Town of Mantua System Water System ID#: 02018
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