

## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

We routinely monitor for the presence of drinking water contaminants. Our water system recently violated a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what happened, and what you should do, and what we are doing to correct this situation.

**The City of Okmulgee – OK1020708 has levels of Total Trihalomethanes (TTHMs) above Drinking Water Standards.** Testing results we received for the time period(s) show that our system exceeds the standard, or maximum contaminant level (MCL), for total trihalomethanes (TTHM). The standard or MCL for total trihalomethanes is 0.080 mg/L. It is determined by averaging all the samples collected at each sampling location for the past 12 months. The following is the level of TTHM averaged at our system's location(s):

<u>Twelve-month time period</u>	<u>Locational Running Annual Average with Sample Location</u>
April 2018 – March 2019	0.136 MG/L – 3500 S. Mission LN-Mission LN MHP
April 2018 – March 2019	0.105 MG/L – 5005 N. Wood Dr. Okmulgee, OK
April 2018 – March 2019	0.090 MG/L – Okmulgee WW-1700 S. Okla. Okmulgee, OK
July 2015 – June 2016	0.111 MG/L - 3500 S. Mission LN-Mission LN MHP
July 2015 – June 2016	0.092 MG/L - Okmulgee WW-1700 S. Okla. Okmulgee, OK
July 2015 – June 2016	0.104 MG/L - 5005 N. Wood Dr. Okmulgee, OK
April 2015 – March 2016	0.097 MG/L – 5005 N. Wood Dr. Okmulgee, OK
April 2015 – March 2016	0.113 MG/L - 3500 S. Mission LN-Mission LN MHP
April 2015 – March 2016	0.092 MG/L - Okmulgee WW-1700 S. Okla. Okmulgee, OK

**What should I do?** There is nothing you need to do unless you have a severely compromised immune system, have an infant or are elderly. These people may be at increased risk and should seek advice about drinking water from their health care providers.

**What does this mean?** This is not an emergency. If it had been, you would have been notified immediately. However, some people who drink water containing trihalomethanes in excess of the MCL over many years may experience liver, kidney, or central nervous system problems, and may have an increased risk of getting cancer.

**The City of Okmulgee has levels of Haloacetic Acids (HAA5) above Drinking Water Standards.** Testing results we received for the indicated time period(s) show that our system exceeds the standard, or maximum contaminant level (MCL), for haloacetic acids. The standard or MCL for haloacetic acids is 0.060 mg/l. It is determined by averaging all the samples collected at each sampling location for the past 12 months. The following is the level of HAA5 averaged at our system's location(s):

<u>Twelve-month time period</u>	<u>Locational Running Annual Average with Sample Location</u>
April 2018 – March 2019	0.077 MG/L – 5005 N. Wood Dr. Okmulgee, OK
April 2018 – March 2019	0.076 MG/L - 3500 S. Mission LN-Mission LN MHP
July 2015 – June 2016	0.079 MG/L - Okmulgee WW-1700 S. Okla. Okmulgee, OK
July 2015 – June 2016	0.068 MG/L - Water Plant – 10370 HWY 56 Okmulgee, OK
July 2015 – June 2016	0.082 MG/L - 5005 N. Wood Dr. Okmulgee, OK
July 2016 – June 2016	0.072 MG/L - 3500 S. Mission LN-Mission LN MHP
April 2015 – March 2016	0.075 MG/L - 5005 N. Wood Dr. Okmulgee, OK
April 2015 – March 2016	0.068 MG/L - 3500 S. Mission LN-Mission LN MHP
April 2015 – March 2016	0.074 MG/L - Okmulgee WW-1700 S. Okla. Okmulgee, OK

**What should I do?** There is nothing you need to do unless you have a severely compromised immune system, have an infant or are elderly. These people may be at increased risk and should seek advice about drinking water from their health care providers.

**What does this mean?** This is not an emergency. If it had been, you would have been notified immediately. However, some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.

**The City of Okmulgee did not meet Treatment Requirements.** We routinely monitor your water for Total Organic Carbon Removal. This tells us whether we are effectively removing Organic Carbon from the water supply. Our latest calculations have shown that we didn't remove the average percentage of organic carbon required by EPA standards during the twelve-month period April 2018 through March 2019. **What should I do?** You do not need to use an alternate water supply or take other actions. However, if you have specific health concerns, consult your doctor.

**What does this mean?** Total Organic Carbon has no health effects. However, total organic carbon provides a medium for the formation of disinfection byproducts. These byproducts include Trihalomethanes (THMs) and Haloacetic acids (HAAs). Drinking Water containing these byproducts in excess of the MCL may lead to adverse health effects, liver or kidney problems, or nervous system effects, and may lead to an increased risk of getting cancer.

The City of Okmulgee has taken the following corrective actions to prevent monitoring violations from occurring in the future:

In January of 2002 the United States Environmental Protection Agency set new drinking water standards for disinfection byproducts. Since this time the city's water treatment facility has been diligently working with the Oklahoma Department of Environmental Quality to meet these new standards with the existing equipment. However, it has been determined that the existing facility is unable to meet these new standards. The city's water treatment facility has completed an \$8.7 million project to make necessary major capital improvements to the facility. In June, 2016 the City was placed under a Consent Order by ODEQ. Because of this, additional work is needed to meet the required drinking water standards. The City is working with an engineering firm to make changes to the treatment process that will bring the facility into compliance.

*Please share this information with all the other people who drink this water, especially those who may 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.*

For more information, please contact Clint Hudgens at (918) 756-3150 or P.O. Box 250, Okmulgee, OK 74447. This notice is being sent to you by the City of Okmulgee. Consent Order, Case No 16-116. State Water System ID# 1020708. Dated distributed: 5-28-19