



# 2017 Annual Drinking Water Quality Report

## Denmark Water Association

PWS. Id # 0360051  
May 30, 2018

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is two wells. Our wells draw from the Lower Wilcox Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Denmark Water association have received a **moderate** ranking to contaminations.

I'm pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Don Phelps at (662)-609-2507. We want our valued customers to be informed about their water utility. If you want to learn more, please attend one of our regular meetings the second Thursday night of each month. They are held at ~~283~~ CR 425. At 7:00 P.M.

Denmark Water Association routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2017. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

*Action Level* - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

*Treatment Technique (TT)* - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

*Maximum Contaminant Level* - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

*Maximum Contaminant Level Goal* - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

*Parts per million (ppm)* – Milligrams per liter (mg/L).

*Parts per billion (ppb)* – Micrograms per liter (ug/L).

## TEST RESULTS PWS ID # MS 0360051

### Disinfectants & Disinfection By-Products

(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Chlorine (as Cl <sub>2</sub> ) (ppm)	N	2017	0.90	0.60—1.30	Ppm	4	4	Water additive used to control microbes

### Inorganic Contaminants

Barium	N	*2015	.039	.027—.039	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Chromium	N	*2015	2.2	1.0—2.2	Ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Fluoride	N	2017	0.079	No-range	Ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Copper	N	2017	.3	No range	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

### Volatile Organic Contaminants

HAA5	N	*2015	10	No-range	Ppm	0	60.0	By-product of drinking water chlorination
TTHM [Total trihalomethanes]	N	*2015	9.65	No-range	ppb	0	100	By-product of drinking water chlorination
Dichloromethane	N	*2013	0.588	No range	Ppb	0	5	Discharge from pharmaceutical and chemical factories

\*Most recent sample. No sample was required in 2017

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The **Denmark Water Association** is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>. Please contact 601-576-7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791). Your CCR will not be mailed to you however; you may obtain a copy at the by calling 662-281-8100 if you have questions.

CCR REPORT POSTED @ DENMARK GROCERY  
1167 Hwy 6 EAST  
OXFORD, MS. 38655

THIS IS LOCATION WHERE  
DROP BOX FOR BILLS IS  
LOCATED.

ALSO POSTED ON BULLETIN BOARD AT 2 LOCAL  
CHURCHES IN COMMUNITY

SPRINGDALE FREEWILL BAPTIST  
DENMARK BAPTIST CHURCH

EACH MEMBER NOTIFIED ON OUR I.R.I.S. ALERT SYSTEM.

2017 CCR REPORT IS IN. CALL 234-9177 IF YOU WISH  
TO HAVE A COPY MAILED OR COPY IS POSTED AT  
DENMARK GROCERY.

DATE CUSTOMERS INFORMED 6/20/18