Annual Drinking Water Quality Report for CY2016
Lord Calvert Mobile Home Park
PWSID #0180213
May, 2017

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the water quality and services we deliver to you every day. Our 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 three (3) wells which draws from an underground, confined aquifer whose name is unknown. These wells are located on the southeast corner of Lord Calvert Mobile Home Park.

This report shows our water quality and what it means.

Maryland Department of the Environment (MDE) has performed an assessment of our source water. This Source Water Assessment Report may be viewed in the St. Mary's County Public Library, or a copy may be obtained from MDE.

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).

If you have any questions about this report or concerning your water, please contact Brian Norris at (301) 863-6800.

Lord Calvert Mobile Home Park routinely monitors for contaminants in your drinking water according to Federal and State laws. The following table shows the results of our monitoring for the period of January 1st to December 31st, 2016**.** 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 contaminants. It's important to remember that the presence of these contaminants 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:

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in $10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in $10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

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

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.

Level 1 Assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

TEST RESULTS						
Contaminant	Violation Y/N	Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Stage 2 Disinfection Byproducts: October 1 – December 31, 2016						
TTHM (Distribution) (2016) (Total trihalomethanes)	N	1.98	ppb	0	80	By-product of drinking water chlorination
Inorganic Contaminants						
Copper (distribution) (2014)	N	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (distribution) (2014)	N	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Chlorine (2016)	N	1.1	ppm	4	4	Water Additive used to control microbes
Fluoride (2016)	N	0.3	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Radioactive Contaminants						
Beta/photon emitters (2014)	N	12.4	pCi/L	0	50	Decay of natural and man-made deposits
Unregulated Contaminants						
Sodium (2013)	N	22.0	ppm	N/A	N/A	Erosion of natural deposits

Note: Unless otherwise noted, the data presented in the table is for year 2016. Some contaminants do not require annual testing.

Coliform Bacteria

Highest No. of Total Coliform Positive	Fecal Coliform or E. Coli Maximum Contaminant Level Goal	Total No. of Positive E. Coli or Fecal Coliform Samples	Violation	Likely Source of Contamination
3	0	0	Y	Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.*

*During the past year we were required to conduct a Level 1 assessment, and we were required to take corrective actions. We are in violation of the Revised Total Coliform Rule treatment technique because we failed to conduct the required Level 1 assessment, and we failed to implement corrective actions based on the assessment.

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.

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. Lord Calvert Mobile Home Park 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 drinking 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 EPA Safe Drinking Water Hotline at 1-800-426-4791 or at http://www.epa.gov/safewater/lead.

NOTE: As can be seen by results listed in the above tables, lead, which is tested for triennial (every 3 years) in accordance with Federal and State Regulations in Lord Calvert MHP's distribution system, was not detected in our most recent samples collected in 2014.

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

If you have questions about this report please call our office.

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