

IMPORTANT INFORMATION ABOUT LEAD IN YOUR DRINKING WATER

Public Water System ID: CO 0207504

System Name: Meadow Mountain Water Supply Company

Our system found elevated levels of lead in the drinking water in some homes/buildings. Lead can cause serious health problems, especially for pregnant women and young children. Please read this information closely to see what you can do to reduce lead in your drinking water.

Health Effects of Lead

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

Sources of Lead

Lead is a common metal found in the environment. Drinking water is one possible source of lead exposure. The main sources of lead exposure are lead-based paint and lead-contaminated dust or soil, and some plumbing materials. In addition, lead can be found in certain types of pottery, pewter, brass fixtures, food, and cosmetics. Other sources include exposure in the work place and exposure from certain hobbies (lead can be carried on clothing or shoes).

Brass faucets, fittings, and valves, including those advertised as "lead-free", may contribute lead to drinking water. The law currently allows end-use brass fixtures, such as faucets, with up to eight percent lead to be labeled as "lead free". However, plumbing fixtures labeled National Sanitation Foundation (NSF) certified may only have up to two percent lead. Consumers should be aware of this when choosing fixtures and take appropriate precautions.

When water is in contact with pipes or plumbing that contains lead for several hours, the lead may enter drinking water. Homes built before 1986 are more likely to have plumbing containing lead. New homes may also have lead; even "lead-free" plumbing may contain some lead. EPA estimates that 10 to 20 percent of a person's potential exposure to lead may come from drinking water. Infants who consume mostly formula mixed with the lead-containing water can receive 40 to 60 percent of their exposure to lead from drinking water.

Don't forget about other sources of lead such as lead paint, lead dust, and lead in soil. Wash your children's hands and toys often as they can come into contact with dirt and dust containing lead.

Steps You Can take to Reduce Your Exposure to Lead in Your Water

1. ***Run your water to flush out lead.*** If it hasn't been used for several hours, run the cold water tap until the temperature is noticeably colder. This flushes lead-containing water from the pipes. To conserve water, remember to catch the flushed tap water for plants or some other household use (e.g. cleaning).
2. ***Always use cold water for drinking, cooking, and preparing baby formula.*** Never cook with or drink water from the hot water tap. Never use water from the hot water tap to make formula.
3. ***Do not boil water to remove lead. Boiling water will not reduce lead.***
4. ***Periodically remove and clean the faucet's strainer/aerator.*** While removed, run the water to remove debris.
5. ***You may consider investing in a home water treatment device or alternative water source.*** When purchasing a water treatment device, make sure it is certified under Standard 53 by NSF International to remove lead. Contact NSF at 1-800-NSF-8010 or visit www.nsf.org. You may also visit the Water Quality Association's website at www.wqa.org.
6. ***Test your water for lead.*** Call us at the number below to find out how to get your water tested for lead. A list of certified laboratories is listed at www.colorado.gov/cdphe/laboratory-certification-program.
7. ***Get your child's blood tested.*** Contact your local health department or healthcare provider to find out how you can get your child tested for lead if you are concerned about exposure.
8. ***Identify and replace plumbing fixtures containing lead.*** Identify and replace plumbing fixtures containing lead. Brass faucets, fittings and valves, including those advertised as "lead-free," may leach lead into drinking water. The NSF website at www.nsf.org has more information on lead-containing plumbing fixtures. You should use only lead-certified contractors.
9. ***Have a licensed electrician check your wiring.*** If grounding wires from the electrical system are attached to your pipes, corrosion may be greater. Check with a licensed electrician or your local electric code to determine if your wiring can be grounded elsewhere. ***DO NOT*** attempt to change the wiring yourself because improper grounding can cause electrical shock and fire hazards.

What happened & What is being done?

We have installed a new Soda Ash system to control pH, reduce the acidity of the water, and thus to reduce the amount of lead that can leach into water in distribution and supply piping. We have been performing regular water quality parameter testing per the requirements of the Colorado Department of Public Health and Environment (CDPHE). We have just completed the second of two six month periods in which this testing was required every two weeks. CDPHE are required to review our test results and determine further requirements as a result, we have not yet received a determination from CDPHE.

We are required to perform Source Water testing to again prove that there is no lead in our water prior to us starting the water treatment process. We will be doing this immediately and will be providing those test results to CDPHE. We will continue to keep you informed of our progress. Please be assured that the lead exceedance that was found was only at one house in our neighborhood. While we are pursuing the cause of this reading, previous instances like this have found the source to be pipes in the home and not in the water system. The home in question is one of those known to have been built during the timeframe when lead solder could have been used in piping.

For More Information

For more information call us at [303-823-2318],
or visit our Web site at [meadowmountainwater.org].

For more information on reducing lead exposure around your home/building and the health effects of lead, visit EPA's Web site at <http://www.epa.gov/lead> or contact your health care provider.

Notice Provided by: Rachel Barkworth

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