Strontium in Private Well Water



Strontium is a mineral that is commonly found in soil, bedrock, and groundwater.

Strontium can interfere with how bones develop by replacing calcium in bones and suppressing vitamin D metabolism and intestinal calcium absorption.

Test for strontium if you live in eastern or northern Wisconsin.*



Test twice over a two-year period. Its best to test in the fall and spring.



Test using a Wisconsin certified lab.*

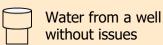
Take action if the strontium level is equal to or greater than 1,500 micrograms per liter (µg/L).

Take additional actions if strontium is still high.

	Use a different source of water for drinking, making baby
	formula, and making foods that take up a lot of water (like
	oatmeal, rice and jello).

Options for different water include:

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	Water from a
M	Water from a public system
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The water can still be used for bathing, brushing teething, and washing dishes.



Find a long-term solution. This may be drilling a new well or installing a treatment device.*

 \star = Additional information is available in the *Resource Guide* (next page).

★ Resource Guide ★



Households with pregnant people and young children may be eligible for **free testing** through their local health department. Find contact information for your health department at www.dhs.wisconsin.gov/lh-depts/counties/index.htm.



Strontium has been found in higher levels in groundwater in the in the **eastern and northern parts of Wisconsin**. Learn more at dnr.wisconsin.gov/topic/Groundwater/GCC/researchHighlights.html #arsenic



When testing, you should use a **lab** certified by the Wisconsin Department of Natural Resources (DNR). You can find a list of certified labs at dnr.wisconsin.gov/topic/labCert/certified-lab-lists.



The DNR provides **grants** to address water quality issues in private wells. Learn about eligibility and covered expenses at dnr.wisconsin.gov/aid/WellCompensation.html.



While there are no **treatment devices** certified for strontium, water softeners have been shown to be effective in many cases. The Wisconsin Department of Safety and Professional Services (DSPS) can assist you in finding an appropriate device. Contact them at DSPSSBProductTech@wisconsin.gov or 608-266-2112.



You should also test for arsenic, bacteria, and nitrate regularly.

You can find information on these and other substances to consider testing at: www.dhs.wisconsin.gov/water/private.html.

