

## MY WATER HAS BLACK PARTICLES

LIKELY PROBLEM	HEALTH CONCERN?	OTHER CLUES & CONSIDERATIONS	CONFIRM IT	POSSIBLE FIXES	LICENSE REQUIRED FOR FIX?	STATE FUNDS?	MORE INFO
<p><b>Manganese or Manganese and Iron</b> See <a href="#">Iron in Drinking Water</a> brochure.</p>	<p>Possibly, if levels are very high. Manganese is a necessary mineral for good health and there is not a primary drinking water standard for manganese. There is however, a <a href="#">nuisance standard</a> for manganese. Also, EPA has issued a <a href="#">health advisory for manganese</a>. See the Dept. of Health <a href="#">Fact Sheet for Manganese</a></p>	<p>Do you have black specks in your water? When you rub the specks between your fingers, does it leave a black powder? Does your laundry get dark stains?</p>	<p>Test your water for manganese and iron. Contact a <a href="#">laboratory certified by DNR to test for manganese and iron</a>.</p>	<p><b>Install a Dept. of Safety and Professional Services <a href="#">approved water treatment device</a>.</b> Devices are listed under contaminants they will remove.</p>	<p>Yes, treatment devices must be installed by <a href="#">licensed plumbers</a>; or in some cases may be installed by the owner/occupant of a single family private residence. See <a href="#">plumbing license laws</a>.</p> <p>Be sure the treatment device chosen is capable of removing the amount of manganese and iron you have in your water.</p>	<p>No</p>	<p><a href="#">UWSP Well Water Quality Viewer</a></p> <p><a href="#">Center for Watershed Science and Education, UW-Stevens Point</a></p> <p><a href="#">United States Geological Survey</a></p> <p><a href="#">National Ground Water Association</a></p> <p><a href="#">Water Systems Council</a></p> <p><a href="#">National Sanitation Foundation</a></p>

## MY WATER HAS BLACK PARTICLES, CONTINUED

POSSIBLE PROBLEM	HEALTH CONCERN?	OTHER CLUES & CONSIDERATIONS	CONFIRM IT	POSSIBLE FIXES	LICENSE REQUIRED FOR FIX?	STATE FUNDS?	MORE INFO
<b>Sand or Silt from: an improperly developed well; an increase in pumpage; a sandstone well with a sloughing formation; or screen failure due to excessive incrustation</b>	No. Although silt/sand is a nuisance because it can shorten the life of water using appliances and damage your well pump.	<p>Is this a new well? Did the driller develop the well properly? Was the screen sized properly to prevent fine materials from entering the well?</p> <p>Did silt/sand increase in your water following installation of a larger pump? Did you recently install a water fixture that uses large amounts of water? If you are pumping more water than before from a sandstone well, water can scour the open drillhole.</p> <p>Is your well older? Has the sand increased gradually as water production has decreased? Maybe the screen has become incrustated so that water enters the well at higher velocities and has eroded larger holes in the screen.</p>	Fill a glass or the bathtub, and let the water sit for awhile. Does sand drop to the bottom?	<b>For a new well: Let the water run for a couple days.</b> Sometimes this will clear out the fine materials. If this doesn't work contact your driller and request that he return to develop the well and/or determine what is causing the sand problem.	Yes, <a href="#">Well Drillers</a> are required to develop the well properly after drilling.	No	Contact a licensed <a href="#">Well Driller</a>
				<b>Install a liner in a sandstone well.</b> A liner can seal off a sloughing sandstone formation to keep sand/silt out of the water.	Yes, <a href="#">Well Drillers</a> have the knowledge and equipment to install liners.		
				<b>Replace the screen in a sand &amp; gravel well; or install a screen if there is none.</b>	Yes, <a href="#">Well Drillers</a> have the knowledge and equipment to replace well screens.		