



## City of Nampa Waterworks Division

24 1st St S  
Nampa, ID 83651

Este informe contiene información muy importante sobre la calidad de su agua beber. Tradúscalo o hable con alguien que lo entienda bien.

# WATER Quality Report 2009 Belmont Heights

## WHERE DOES YOUR WATER COME FROM?

The Belmont Heights drinking water supply is provided by 2 ground water source (wells) which draw from the Snake River Plains Aquifer.

Last year, we conducted tests for 80 contaminants and found only 1 at a higher limit than the EPA allows. As we told you at the time, our water temporarily exceeded drinking water standards. (For more information see the section labeled Violations at the end of the report.) This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. No source water assessment is available. We are committed to providing you with information because informed customers are our best allies.

## HOW DO I GET MORE INFORMATION ON MY WATER?

We continually update our website with news regarding your water. It's a wonderful resource to check first. Go to [www.nampawaterdivision.org](http://www.nampawaterdivision.org) or email [water@cityofnampa.us](mailto:water@cityofnampa.us)

Call our office at **208.468.5860** or fax us at **208.465.2216**

Mail us at **24 1st St S, Nampa ID 83651**

## TAP WATER OR BOTTLED WATER?

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water:

- ♦ *Microbial contaminants*, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife
- ♦ *Inorganic contaminants*, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming
- ♦ *Pesticides and herbicides*, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses
- ♦ *Organic chemical contaminants*, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems
- ♦ *Radioactive contaminants*, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

## HEALTH INFORMATION

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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

## WATER QUALITY DATA TABLE

The table in this report includes the following substances that may be of importance to our customers:

### LEAD

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. City of Nampa 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>.

### ARSENIC

While your drinking water meets the current standard for arsenic, it does contain low levels of arsenic. The standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. USEPA continues to research the health effects of low levels of arsenic which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

# Water Quality Data Table – 2009

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

Contaminants Disinfectants & Disinfection By-Products (There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.)	MCLG or TT, or	MCL, MRDL	Your Water	Range Low High	Sample Date	Violation	Typical Source
	TTHMs [Total Trihalomethanes] (ppb)	NA	80	4.3	NA	2008	No
<b>Inorganic Contaminants</b>							
Arsenic (ppb)	0	10	3	NA	2008	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2	2	0.09	NA	2006	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	4	4	.31	NA	2006	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate [measured as Nitrogen] (ppm)	10	10	2.14	2.13 2.14	2009	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
<b>Radioactive Contaminants</b>							
Uranium (ug/L)	0	30	31	30 31	2009	Yes	Erosion of natural deposits
<b>Contaminants Exceeding AL</b>							
<b>Inorganic Contaminants</b>							
Copper - action level at consumer taps (ppm)	1.3	1.3	0.122	2007	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
<b>Violations and Exceedances</b>							
Uranium (ug/L)	0	30	31	30 31	2009	No	Erosion of natural deposits
<b>Uranium</b>							
Some people who drink water containing uranium in excess of the MCL (30 ug/L) over many years may have increased risk of getting cancer and kidney toxicity. Continued testing in the Belmont Heights water system indicates naturally occurring uranium at levels slightly in excess of federal drink water standards. In October of 2008, the City of Nampa took over the operations of the Belmont Heights water system. As a result, the City of Nampa will be supplying water for your domestic use. This work is scheduled to be complete prior to December 1, 2010. The City of Nampa will continue to take quarterly uranium samples as has been done in the past. You will receive updates every three months.							
<b>Unit Descriptions</b>							
<b>Term</b>	<b>Definition</b>						
ppm	ppm: parts per million, or milligrams per liter (mg/L)						
ppb	ppb: parts per billion, or micrograms per liter (ug/L)						
pCi/L	pCi/L: picocuries per liter (a measure of radioactivity)						
% positive samples/month	% positive samples/month: Percent of samples taken monthly that were positive						
NA	NA: not applicable						
ND	ND: Not detected						
NR	NR: Monitoring not required, but recommended.						
<b>Important Drinking Water Definitions</b>							
<b>Term</b>	<b>Definition</b>						
MCLG	MCLG: Maximum Contaminant Level Goal: 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.						
MCL	MCL: Maximum Contaminant Level: 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.						
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.						
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.						
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.						
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.						
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.						
MNR	MNR: Monitored Not Regulated						
MPL	MPL: State Assigned Maximum Permissible Level						
<b>For more information please contact:</b>							
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