Why are there contaminants in my water?

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 Safe Drinking Water Hotline (800.426.4791).

Contaminants that may be present in source water include:

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

In order to ensure that tap water is safe to drink, the Department of Natural Resources prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Department of Health regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Is our water system meeting other rules that govern our operations?

The Missouri Department of Natural Resources regulates our water system and requires us to test our water on a regular basis to ensure its safety. Our system has been assigned the identification number MO5010096 for the purposes of tracking our test results. Last year, we tested for a variety of contaminants. The detectable results of these tests are on the following pages of this report. Any violations of state requirements or standards will be further explained later in this report.

How might I become actively involved?

If you would like to observe the decision-making process that affects drinking water quality or if you have any further questions about your drinking water report, please call us at 417.243.2714 to inquire about scheduled meetings or contact persons.

Do I need to take any special precautions?

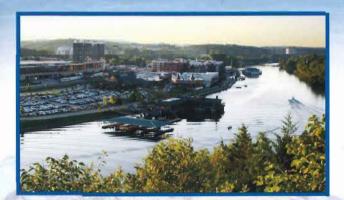
Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants 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 microbial contaminants are available from the Safe Drinking Water Hotline (800.426.4791).

Special Lead and Copper Notice:

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. BRANSON PWS 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 (800.426.4791) or at http://water.epa.gov/drink/info/lead/index.cfm.

Utilities Mission Statement

The Utilities Department is committed in providing professional customer service to those visiting the area and those who make this community home. We will consistently provide safe public drinking water for our visitors and citizens. Our wastewater collection and treatment systems will be operated to produce the highest quality effluent possible in order to protect our lakes and streams for the enjoyment of future generations.



Community Participation

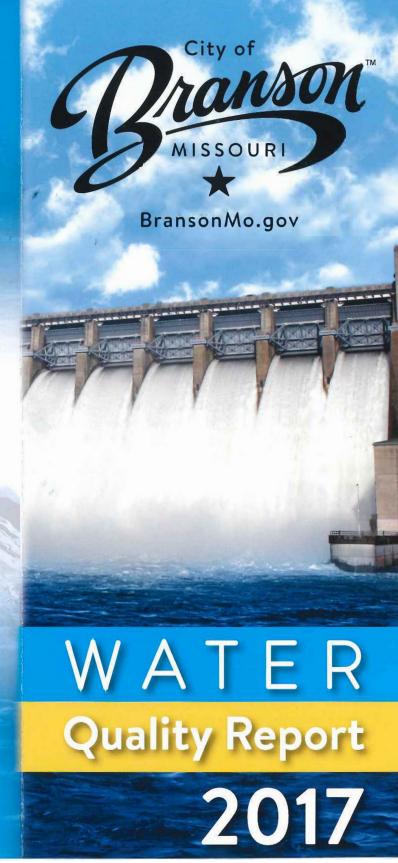
Your input on water quality is always welcomed. The City Council meets every 2nd and 4th Tuesday of the month at 6:00 p.m. in the Council Chambers at City Hall, located at 110 W. Maddux Street #210. Please feel free to participate in these meetings.

Errol Cordell

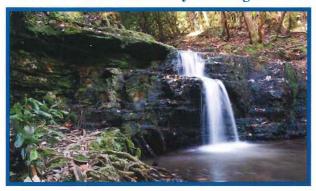
Water Division Manager

Phone: 417.243.2714 Fax: 417.337.5303

E-Mail: ECordell@BransonMO.Gov



What Is The Source Of My Drinking Water?



The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and groundwater 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.

The City of Branson has Two Surface Water Treatment Plants and Six Ground Water Wells. In the year 2017, 92% of the treated water that serves the City of Branson came from the treatment plants which pump water from Lake Taneycomo. The City treated 1.186 billion gallons of water in the year 2017. During peak summer months the average water treated per day is 4.204 million gallons and in the winter months it is 2.344 million gallons.

Source Water Assessment

The Department of Natural Resources conducted a source water assessment to determine the susceptibility of our water source to potential contaminants. This process involved the establishment of source water area delineations for each well or surface water intake and then a contaminant inventory was performed within those delineated areas to assess potential threats to each source. Assessment maps and summary information sheets are available on the internet at

http://drinkingwater.missouri.edu/swip/swipmaps/pwssid.htm. To access the maps for your water system you will need the State-assigned identification code, MO5010096. The Source Water Inventory Project maps and information sheets provide a foundation upon which a more comprehensive source water protection plan can be developed.

WATER QUALITY RESULTS FOR 2017

	Later I	During the 201		NS AND HEAL r, we had the bel					ter regulation	ons.	
COMPLIANCE PERIOD				ANALYTE					ТҮРЕ		
		No	Violations	Occurred	in the C	Calend	dar Yea	r of 2	2017		
REGULATED CONTAMINANTS	COLLECTION DATE	HIGHEST VALUE	RANGE OF SAMPLED RESULT(S) (LOW-HIGH)		UNIT	MCL	MCLG		TYPICAL SOURCE		
BARIUM	3/28/2017	0.0339	0.0162 -	ppm	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits				
FLOURIDE	3/28/2017	0.91	0 - 0	ppm	4	4	Natural deposits; Water additive which promotes strong teeth				
NITRATE-NITRITE	3/28/2017	0.69	0 - 0	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits				
DISINFECTION BYPRODUCTS	SAMPLE POINT	MONITORING PERIOD	HIGHEST LRAA	RANGE OF SAMPLED RESULT(S) (LOW-HIGH)			UNIT	MCL	MCLG	Т	YPICAL SOURCE
(HAA5)	DBPDUAL-01	2017	32				ppb	60	0	Byproduct	of drinking water disinfection
(HAA5)	DBPDUAL-02	2017	27	27 14.5 - 21.3			ppb	60	0	Byproduct	of drinking water disinfection
TTHM	DBPDUAL-01	2017	57				ppb	80	0	Byproduct	of drinking water disinfection
TTHM	DBPDUAL-02	2017	35				ppb	80	0	Byproduct	of drinking water disinfection
TOTAL ORGANIC CARBON	COLLECTION	HIGHEST VALUE	RANGE OF RESU		UNIT	TT		TYPICAL SOURCE			
CARBON, TOTAL	5/30/2017	1.52	1.26 -	1.52	MG/L	0		Naturally present in the environment			
LEAD AND COPPER	DATE	90TH PERCENTILE		RANGE OF SAMPLED RESULTS (LOW-HIGH)		AL	Sites Over A	L	TYPICAL SOURCE		
COPPER	2013 - 2015	0.203	0.022	0.022 - 1.98 ppm			1		Corrosion of household plumbing systems		
LEAD	2013 - 2015	5.21	1.07	- 33.6	ppb	15	1	Corrosion of household plumbing systems			
RADIONUCLIDES		COLLECTION DATE	HIGHEST VALUE		RANGE OF SAMPLED RESULTS		T MCL	МС	LG	TYPICAL SOURCE	
COMBINED RADIUM (-226 & -228)		1/26/2016	2.9	2.9		pCi	1 5			Erosion	of natural deposits
GROSS ALPHA PARTICLE ACTIVITY		1/26/2016	5.5	5.5		pCi	1			Erosion	of natural deposits
RADIUM-226		1/26/2016	1.5	1.5		pCi	1 5	0			
RADUIM-228		1/26/2016	1.4	1.4		pCi	1 5	0			
1	urbidity is a meas	ure of cloudiness	of water. We m		RBIDITY because it	is a goo	d indicator	of the	effectivene	ss of our filtrati	on system.
PERCENTAGE OF SAMPLES IN COMPLIANCE WITH STD		MONTHS OCCURRED				ST SINGLE SUREMENT		4	SOURCES		LEVEL COMPLIANCE
100		12	NO		0.13		OCT		SOIL RUNOFF		YES
100		12	NO		0.25		MAY		SOIL RUNOFF		YES

Terms & Abbreviations

Population: 11,880. This is the equivalent residential population served including non-bill paying customers.

MCLG: Maximum Contaminant Level Goal, or 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: Maximum Contaminant Level, or 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.

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

 Π : Treatment Technique, or a required process intended to reduce the level of a contaminant in drinking water.

90th percentile: For Lead and Copper testing. 10% of test results are above this level and 90% are below this level.

Level Found: Is the average of all test results for a particular contaminant.

Range of Results: Shows the lowest and highest levels found during a testing period, if only one sample was taken, then this number equals the Highest Value.

LRAA: Local Running Annual Average, or the average of sample analytical results for samples taken during the previous four calendar quarters.

TTHM: Total Trihalomethanes (chloroform, bromodichloromethane, dibromochloromethane, and bromoform) as a group.

HAA5: Haloacetic Acids (mono-, di- and tri-chloroacetic acid, and mono- and dibromoacetic acid) as a group.

ppb: parts per billion or micrograms per liter.

ppm: parts per million or milligrams per liter.

pCi/I: Picocuries per liter, Unit of measure for radioactive concentrations.

NTU: Nephelometric Turbidity Unit, used to measure cloudiness in drinking water.

ND: not detectable at testing limits.

The state has reduced monitoring requirements for certain contaminants to less often than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Records with a sample year more than one year old are still considered representative.

This report is intended to provide you with important information about your drinking water and the efforts made to provide safe drinking water. Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have an increased risk of getting cancer.

WATER: USE Wisely!

- Start a compost pile using compost in your garden or flower bed. It adds water by holding organic matter to the soil.
- Hire a qualified pro to install your irrigation system and keep it working properly and efficiently.
- 3. At home or while staying at a hotel, reuse your towels.
- Wash your pets outdoors in an area of your lawn that needs water.
- For hanging baskets, planters and pots, put ice cubes on top of the soil to give your plants a cool drink of water without overflow.
- Support Tap Into Quality and forgo those plastic water bottles to lower your carbon foot print.
- Use a WaterSense labeled shower head. They're inexpensive, easy to install and can save up to 750 gallons per month.
- Grab a wrench and fix that leaky faucet. It's simple, inexpensive and you can save 140 gallons a week.
- Put food coloring in your toilet tank. If it seeps into the bowl without flushing there is a leak. Fix it and start saving.
- 10. Install water saving aerators on all of your faucets.

