

WARREN WATER'S COMMITMENT TO COMMUNITY

We take great pride in providing water for homes and businesses throughout Warren County. Clean, safe drinking water is a mainstay of healthy, vibrant communities, and we are committed to ensuring these services are affordable and available to our region now and in the future. Our commitment also includes planning, construction and maintenance to ensure our facilities are continuously meeting our customers' needs. We believe being good stewards of our natural resources is not only a choice, but an obligation.

With a diverse blend of residential, agricultural, commercial and industrial customers, Warren Water serves almost 25,000 water customers with an average of 7.5 million gallons of water each day. We also collect and dispose of wastewater from over 4,000 customers around the county.

DELIVERING QUALITY AND COMMITMENT IN EVERY DROP

This Water Quality Report (also known as a Consumer Confidence Report) provides information on the quality of the water, and steps we take to ensure that quality. This brochure shows results from testing conducted from January through December 2010. If you have any questions, please contact Alan Vilines, General Manager, at 270-842-0052, or visit our website at warrenwater.com.

ADDITIONAL INFORMATION ON WATER QUALITY

Warren County Water District:
270-842-0052 warrenwater.com

Bowling Green Municipal Utilities:
270-782-1200 bgmu.com

Kentucky Rural Water Association:
270-843-2291 krwa.org

Kentucky Division of Water:
502-564-3410 water.ky.gov

U.S. EPA Safe Drinking Water Hotline:
800-426-4791 epa.gov/safewater/hfacts.html

GET INVOLVED

We welcome your comments and the opportunity to serve you. Warren Water Board Meetings are open to the public and are held at 4 p.m. on the fourth Tuesday of every month at the Warren Water office located at 523 US 31-W Bypass, Bowling Green, KY. Please call us at 270-842-0052.

THE WARREN WATER BOARD OF COMMISSIONERS

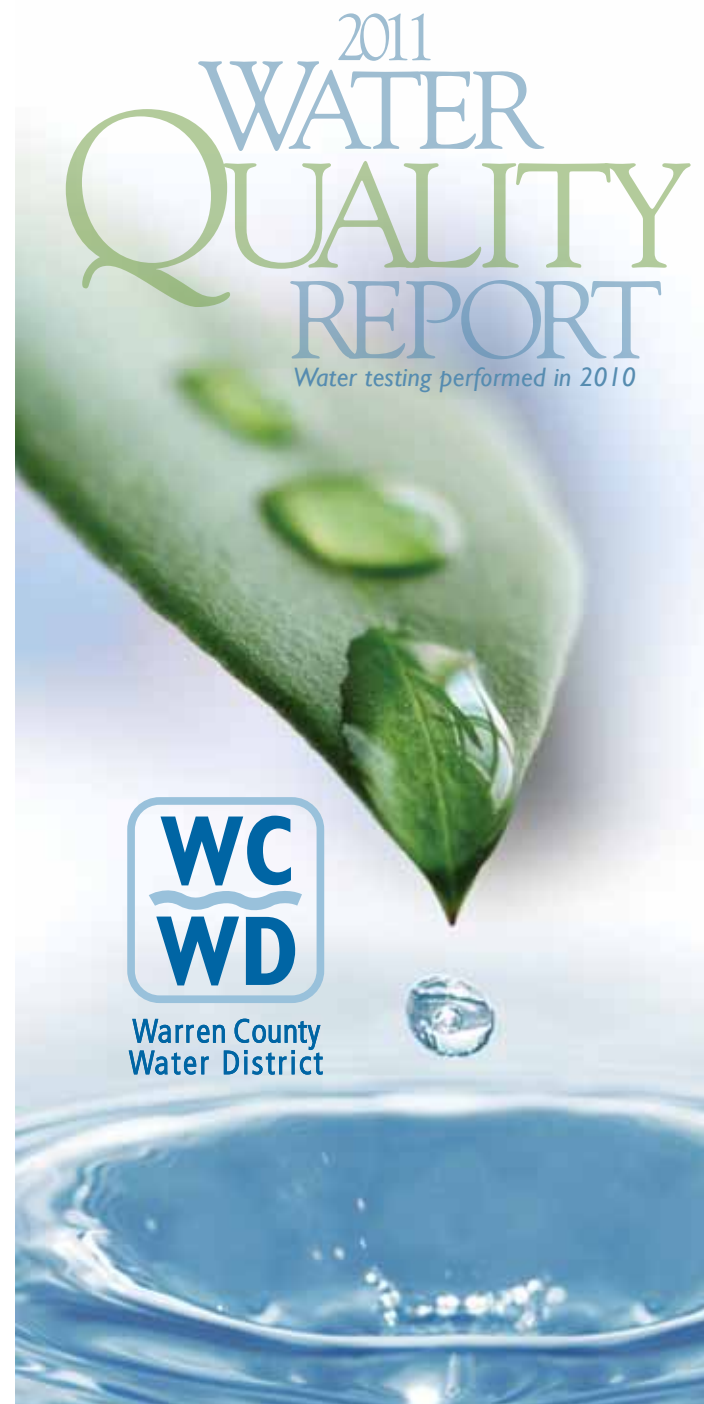
- Henry Honaker - Chairman
- Thomas A. Donnelly - Vice Chairman
- Glen Johnson - Secretary
- Joe W. Taylor, Sr. - Treasurer
- R. Harvey Johnston, III
- Hamp Moore - Attorney

WARREN WATER STAFF

- Alan Vilines - General Manager
- Jon Schubarth - Manager of Engineering & Construction
- Jeff Peeples - Manager of Finance & Administration

ATTENCION

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



PWSID KY 1140487

WARREN WATER'S COMMITMENT FLOWS THROUGH THE COMMUNITY

COMMITTED TO THE COMMUNITY

Warren Water is proud to be involved in the community. In addition to providing high-quality water services, our employees get involved in helping others through community service. Warren Water employees are involved with United Way of Southern Kentucky, participating in an annual campaign and service project. Our employees donated almost \$16,000 in the United Way Early Bird Campaign.

The Warren County Water District continues to promote education in the water supply field and as a part of its overall community involvement efforts by offering a scholarship each year. This is the fourth year this scholarship has been awarded to a Warren County graduating senior. Michael Alford of South Warren High School was awarded a \$1,000 scholarship to Western Kentucky University for the 2011-2012 academic year.

COMMITTED TO THE ENVIRONMENT

In addition to encouraging environmental consciousness in our schools, we strive to make conservation a top priority in everything we do. Water is essential for life and protecting our water is one of the most important jobs we have. From our construction practices and leak detection program to our extensive water-quality testing, we are committed to providing the highest-quality water services and reducing our water footprint.



EARTH DAY
April 22

COMMITTED TO THE FUTURE

As our community continues to grow, Warren Water employees are dedicated to ensuring facilities are in place to provide adequate capacity for reliable water service. Every project is important to the vitality of Warren County. Recent construction projects include the renovation of the Richardsville and Hwy 68-W Pump Stations and water line replacements along Detour Road, Plum Springs Loop and Plano Road. The Natcher Parkway Force Main Extension to Pioneer Drive and the Hwy 31-W South Water and Sewer Relocation Project will be completed in 2011.

Drinking Water Week 2011
May 1-7



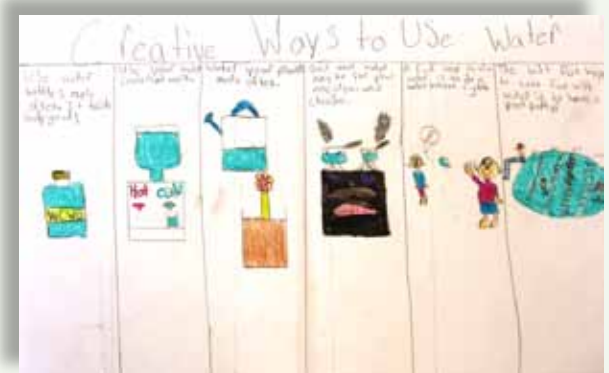
These posters come from North Warren Elementary students who participated in Warren County Water District's 2011 Poster Contest. The winners received U.S. Savings Bonds, certificates and water bottles. The contest was part of a company-wide promotion to celebrate Earth Day and Drinking Water Week.



1st place – Nicole Rangel



2nd place – Makayla Dishon



3rd place – Sydney Elrod

WATER QUALITY Delivering Quality and Commitment in Every Drop!

Warren Water continually performs numerous tests to ensure your drinking water is safe. We test the purity of the water an average of 70 times every month. In 2010, the water was tested for over 100 regulated contaminants, and met or exceeded all state and federal quality standards.

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 may be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 800-426-4791.

The sources of drinking water, both tap 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 may pick up substances resulting from the presence of animals or from human activity.

To ensure that tap water is safe to drink, U.S. EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. U.S. FDA regulations establish limits for contaminants in bottled water that shall provide the same protection for public health.

WHAT ARE THESE CONTAMINANTS?

MICROBIAL CONTAMINANTS

Viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

INORGANIC CONTAMINANTS

Salts and metals, that may be naturally occurring or result from urban stormwater runoff, industrial or domestic waste water discharges, oil and gas production, mining, or farming.

PESTICIDES AND HERBICIDES

May come from a variety of sources such as agricultural, urban stormwater runoff, and residential uses.

ORGANIC CHEMICAL CONTAMINANTS

Synthetic and volatile organic chemicals, which are by products of industrial processes and petroleum production, and may also come from gas stations, urban stormwater runoff, and septic systems.

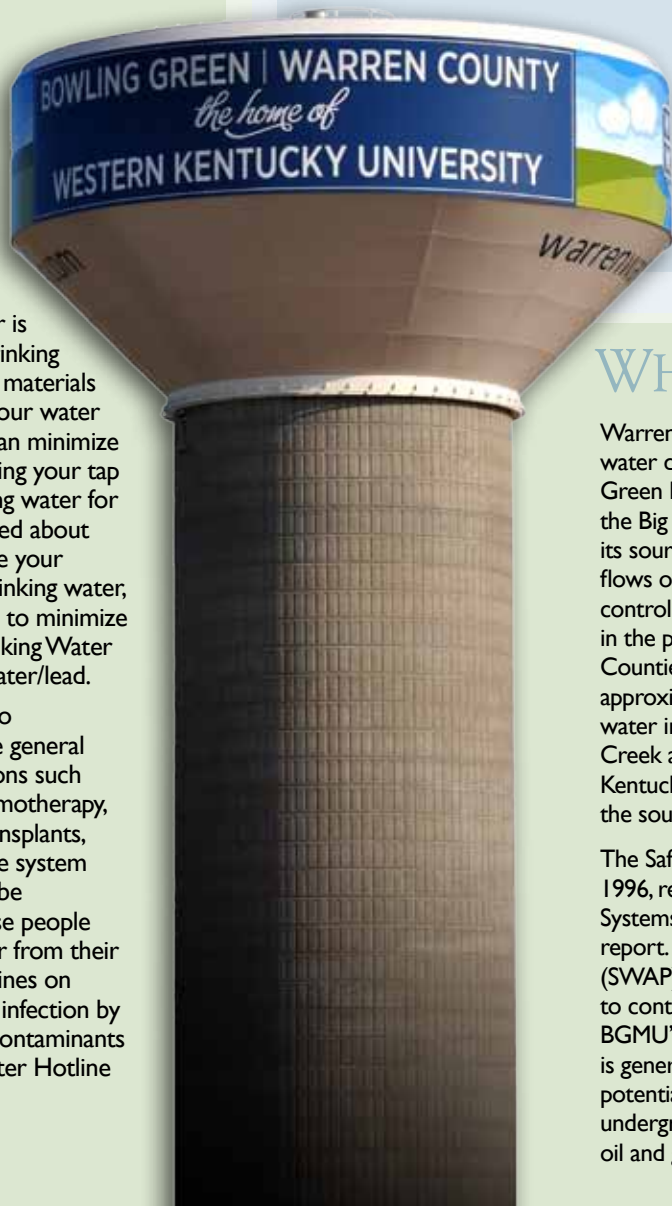
RADIOACTIVE CONTAMINANTS

May be naturally-occurring or be the result of oil and gas production and mining activities.

SPECIAL HEALTH INFORMATION

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. Warren Water 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>.

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.



2010 TEST RESULTS

The data presented in this report are from the most recent testing done in accordance with Administrative Regulation 401 KAR Chapter 8.As authorized and approved by EPA, 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. Some of the data in this table, though representative, may be more than one year old. Unless otherwise noted, the report level is the highest level detected.

	Allowable Levels	Source	Highest Single Measurement	Lowest Monthly %	Violation	Likely Source		
Turbidity (NTU) (Continuously)	Never more than 1 NTU. Less than 0.3 NTU's 95% of monthly samples	BGMU	0.19	100	No	Soil Runoff		
Regulated Contaminant Test Results								
Contaminant (Units)	MCL	MCLG	Source	Report Level	Range of Detection	Date of Sample	Violation	Likely Source
Radioactive Contaminants								
Alpha Emitters (pCi/L) (Gross Alpha)	15	0	BGMU	0.82	0.11 to 2.1	2007	No	Erosion of natural deposits
Combined Radium (pCi/L) (Measured as Radium 228)	5	0	BGMU	0.97	0.85 to 1.06	2007	No	Erosion of natural deposits
Inorganic Contaminants								
Copper (ppm) (Level found is 90th percentile. No sites exceeded the AL) (WCWD)	AL = 1.3	1.3	WCWD	0.07	0.004 to 0.184	Aug-09	No	Corrosion of household plumbing systems
Lead (ppb) (Level found is 90th percentile. One site exceeded the AL) (WCWD)	AL = 15	0	WCWD	6	0 to 33.0	Aug-09	No	Corrosion of household plumbing systems
Fluoride (ppm)	4	4	BGMU	0.97	0.84 to 1.11	2010	No	Water additive which promotes strong teeth
Nitrate (ppm)	10	10	BGMU	2.1	2.1	2010	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Total Coliform Bacteria # or % positive samples	5	0	WCWD	4.88	N/A	Jul-10	No	Naturally present in the environment
Disinfectants/Disinfection Byproducts and Precursors								
Total Organic Carbon (ppm) (measured as ppm but reported as a ratio)	TT*	N/A	BGMU	1.26 (lowest average)	1.00 to 2.93 (monthly ratios)	N/A	No	Naturally present in the environment
* Monthly ratio is the % TOC removal achieved to the % TOC removal required. Annual average of the monthly ratios must be 1.00 or greater for compliance								
Chlorine (ppm) (WCWD)	MRDL 4	MRDLG 4	WCWD	0.76 (highest average)	0.60 to 0.90	N/A	No	Water additive used to control microbes
HAA's or [haloacetic acids] (ppb)	60	N/A	BGMU	40.0 (system average)	24.7 to 71.8 (range of individual sites)	N/A	No	By-product of drinking water chlorination
TTHM [total trihalomethanes] (ppb)	80	N/A	BGMU	52.0 (system average)	22.5 to 75.6 (range of individual sites)	N/A	No	By-product of drinking water chlorination

Additional comments about the test results shown

Total Coliform Bacteria - In 2010, WCWD conducted sampling for Total Coliform Bacteria at least 70 times each month.

TERMS TO KNOW WHEN READING THE WATER TEST RESULTS:

AL (ACTION LEVEL)

The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system shall follow.

BDL (BELOW DETECTION LEVEL)

Laboratory analysis indicates that the contaminant is not present.

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.

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.

MRDL (MAXIMUM RESIDUAL DISINFECTANT LEVEL)

The highest level of disinfectant allowed in drinking water. There is convincing evidence that addition of disinfectant is necessary for control of microbial contaminants.

MRDLG (MAXIMUM RESIDUAL DISINFECTANT LEVEL GOAL)

The highest 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.

NTU (NEPHELOMETRIC TURBIDITY UNIT)

A measure of the clarity of water. Turbidity is monitored because it is a good indicator of the effectiveness of the filtration system.

N/A (NOT APPLICABLE)

Does not apply.

PPM (PARTS PER MILLION)

One part per million corresponds to one minute in two years, or a single penny in \$10,000.

PPB (PARTS PER BILLION)

One part per billion corresponds to one minute in 2,000 years or a single penny in \$10,000,000.

pCi/L (PICOCURIES PER LITER)

A measure of radioactivity in water.

TT (TREATMENT TECHNIQUE)

A required process intended to reduce the level of a contaminant in drinking water.

WHERE DOES MY WATER COME FROM?

Warren County Water District purchases the water delivered to its customers from Bowling Green Municipal Utilities (BGMU). BGMU uses the Big Barren River, a surface water source, as its source of raw water. The Big Barren River flows out of Barren River Reservoir, a flood control lake designed to help prevent flooding in the populated areas west of Allen and Barren Counties. Drakes Creek joins Big Barren River approximately three miles above BGMU's raw water intake. Drakes Creek is fed by Trammel Creek and flows north out of Simpson County, Kentucky. These three surface water bodies are the sources of water that is treated by BGMU.

The Safe Drinking Water Act, amended in 1996, requires Community Public Water Systems to prepare a source water assessment report. This plan includes a Source Water Plan (SWAP) that summarizes our susceptibility to contamination. An analysis indicates that BGMU's system susceptibility to contamination is generally moderate. Areas of concern include potential contaminant sources such as bridges, underground storage tanks, an inactive landfill, oil and gas wells, a KPDES permitted discharger,

and agricultural chemical use in the areas near and surrounding the raw water intake.

The final source water assessment plan with complete information on BGMU's system susceptibility to potential sources of contamination is available for review at our office or the Barren River Area Development District Office located at 177 Graham Avenue in Bowling Green, Kentucky.

The customers that make up the Warren County community are our number one priority and an important part of our everyday customer service efforts. We strive each and every day to find ways to stay involved in our community. We also continue to develop ways to educate customers on water quality. Our website, warrenwater.com offers educational venues that provide customers with access to water quality information and facts about the utility that serves them. Also, general brochures, industry informational packets, Consumer Confidence Reports (CCRs), and various other Warren Water publications are available for customer service and educational purposes.