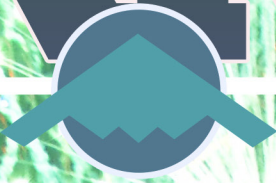


# WARRIOR



## FLARES FOR FREEDOM

TEAM WHITEMAN CELEBRATES THE FOURTH OF JULY  
SAFETY EVENT - DETAILS - SERVICES **PG.8**

### INSIDE:

- Q&A WITH COL. ELY
- PEDIATRIC PARTNERS
- ALS GRADUATION





# Whiteman Vice Wing Commander retires from Air Force after 26 years of service

By **Brye Steeves**  
509th Bomb Wing Public Affairs

Col. Mark Ely knows he's going to miss flying the world's most lethal bomber, but it's the Airmen he's served alongside for nearly three decades that Ely will miss most.

Ely, the vice commander of the 509th Bomb Wing at Whiteman Air Force Base in Missouri, is retiring. He served in the Air Force for 26 years, much of which was spent airborne. Ely is a command pilot with more than 3,530 flying hours, including more than 200 combat hours. He has flown the T-37, T-38, B-52 and B-2.

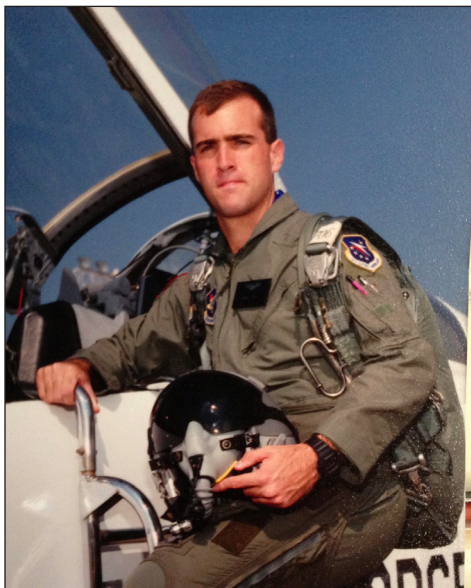
In 1992, Ely received his commission through the U.S. Air Force Academy, where he earned a Bachelor of Science degree in management. Throughout his career, Ely held a variety of operational roles, including a B-52 instructor and evaluator pilot at Barksdale AFB, Louisiana, and as commander of the 23d Bomb Squadron at Minot AFB, North Dakota. He became second-in-command at Whiteman AFB in 2016.

"This Air Force life has been nothing short of incredible," Ely said.

It closes with one last flight in the B-2 and then an official retirement ceremony on Tuesday, July 3, 2018. Ely reminisced with *The Warrior* on his Air Force career, as he, his wife Alison, and their children, Leah and Andrew, look ahead to what comes next.

**Warrior:** What are some of your fondest Air Force memories?

**Col. Ely:** One of my fondest memories is really my Air Force Academy graduation. I felt so lucky to have even been a cadet at the Academy, and to have made it to the finish line was so rewarding. On graduation day, I sat only a few chairs from then-Second Lt. John Nichols. We were cadets in the same squadron, so it was with great



pride and luck that I was able to serve with now-Brig. Gen. John Nichols at Whiteman Air Force Base.

**Warrior:** What was one of your most memorable sorties as a pilot?

**Col. Ely:** It was taking off in a B-52 from Diego Garcia in October 2001 on the first wave of combat sorties into Afghanistan as part of our nation's military response to the 9/11 terrorists attacks. It was such an honor to have been part of that effort and to have flown with such an amazing B-52 crew that evening. We were part of a deployment of a few hundred airmen that were representing over 300 million Americans back home. I will never forget that.

**Warrior:** Why did you stay in the Air Force for 26 years?

**Col. Ely:** It was always pretty simple: to serve our great nation. It has been an honor and a privilege.

**Warrior:** What will you miss most about the Air Force life?

**Col. Ely:** I will miss working with such amazing Airmen, especially those here at

Whiteman Air Force Base. I know with certainty our Air Force will continue on its path of greatness because of their dedication to the mission and our country.

**Warrior:** What were you thinking the first time you flew as a military pilot?

**Col. Ely:** I remember thinking just how lucky I was. I still remember that first "dollar-ride" sortie back in October of 1995 like it was yesterday. It was so rewarding and I felt so fortunate to have had that opportunity. We live in such a great country that has such a powerful military – and to be able to call myself an Airman is quite amazing.

**Warrior:** What were you thinking when the B-2 touched down at Whiteman Air Force Base during your final flight as a military pilot?

**Col. Ely:** That final flight was extremely emotional. I will not only miss flying the world's most lethal bomber, but also being part of such an amazing team that safely and successfully puts the B-2 in the air. I will miss seeing the pride in our Airmen's eyes as they work to make this mission happen each and every day.

**Warrior:** What advice would you like to leave Whiteman's Airmen?

**Col. Ely:** Keep being the best. Work hard, stay positive and know your fellow Airmen. We're a team and we need to take care of each other to ensure we continue to only get better as an Air Force.

**Warrior:** What does the future hold for you and your family?

**Col. Ely:** We are going to live locally for a year while our son graduates from Knob Noster High School in 2019 – Go Panthers! Then, we will go where my amazing wife Alison wants to go. She has also served this nation as an Air Force Spouse, which is not easy. Now it is time to go where she wants to go next!



## THE WARRIOR

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509th Bomb Wing Commander

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The deadline for article submissions to the **Warrior** is noon Friday. If a holiday falls on Friday, the deadline then becomes 4 p.m. Thursday. Articles will be published on a space-available basis. Submissions do not guarantee publication.

For more information, call the **Warrior** office at 660-687-5727, email 509.bw.pa@us.af.mil, fax 660-687-7948, or write to us at Whiteman **Warrior**, 509th Bomb Wing, 509th Spirit Blvd. Suite 116, Whiteman AFB, Mo., 65305.

To advertise in *The Warrior*, call the **Sedalia Democrat** at 1-800-892-7856.

## On the cover

U.S. Air Force photo by  
Staff Sgt. Danielle Quilla

**Fireworks illuminate Ike Skelton Lake as part of the Independence Day Celebration at Whiteman Air Force Base, Missouri, June 30, 2017. This year's celebration will be taking place July 3 at Ike Skelton Lake where the fireworks show is scheduled to begin at dusk.**



## NEWS BRIEFS



**U.S. AIR FORCE**  
**EagleEyes**  
WATCH.REPORT.PROTECT.

U.S. Air Force Eagle Eyes provides service members and civilians a safe, discreet and anonymous option to report criminal information, counterintelligence indicators or force protection concerns.

To submit a web tip go to the AFOSI web page at <http://www.osi.af.mil>.

How to report an anonymous tip using a smart phone:

1. Open the smart phone app
2. Manually select an agency
3. Choose USA then Federal Agency then select AFOSI
4. Create a passport, select New Tip and fill out the form with as much information as possible.

How to report an anonymous tip via text message:

Text "AFOSI" plus your tip information to 274637 (CRIMES)

#### Found property

Keys, wallets, bicycles, jewelry and other items have been turned in as found property to Security Forces Investigation Section. To inquire about lost property, go to Building 711, Room 305, or call Detective Steven Scott at 660-687-5342.

#### Air Force Housing website

Visit [www.housing.af.mil](http://www.housing.af.mil) to find your new home with the Air Force. This website serves as a one-stop shop for Airmen and their families to obtain information about the housing options and support services available to them at Air Force bases worldwide.

#### WEATHER

<b>Friday</b> Sunny Hi 96 Lo 76	<b>Saturday</b> Sunny Hi 95 Lo 75
<b>Sunday</b> Partly Sunny Hi 89 Lo 73	<b>Monday</b> Mostly Sunny Hi 90 Lo 74

# Whiteman pediatric clinic partners with area TRICARE providers

By Brye Steeves  
509th Public Affairs Specialist

The 509th Medical Group at Whiteman Air Force Base is partnering with area healthcare providers to bolster its pediatric care.

While many services will not change, some children may be referred to an off-base healthcare provider to ensure they are receiving necessary healthcare in the most efficient manner possible, said Col. Chrystal Henderson, commander of the 509th Medical Group at Whiteman AFB. Partners include Western Missouri Medical Center in Warrensburg and Bothwell Regional Health Center in Sedalia.

This partnership mitigates the impacts of the temporary healthcare provider shortage in the Whiteman pediatric clinic. The shortage is brief, taking effect June 25, 2018, and lasting for a maximum of 90 days. During this time, teaming up with off-base providers is the best solution for this temporary situation, Henderson said.

"We have long-standing, productive relationships with many healthcare providers in the region and have already informed them of our need for supplemental care," Henderson said. "Our civilian partners are equally committed to providing thoughtful care to Whiteman's children and families."

#### Off-base referrals, on-base care

Whiteman's TRICARE community partners are being called upon to assist with its mission of delivering healthcare for more than 2,000 pediatric patients, said Lt. Col. Ian Erskine, commander of the 509th Medical Support Squadron.

Children who need specialized care may continue to be seen on base. The Whiteman Medical Group has identified all Exceptional Family Member Program (EFMP) members, as well as special needs and complex pediatric patients and reassigned them to an on-base family medicine clinic physician for interim primary care management, Erskine said. Nursing staff will discuss each child's specific situation with these physicians to make sure the patients' transitions are smooth.

The Whiteman clinic will continue to schedule appointments and supervise the quality care of Whiteman families, Erskine said, adding that the on-base pharmacy and immunization clinic will continue to provide their services to pediatric patients.

#### Receiving care

All previously scheduled appointments at the Whiteman pediatric clinic will be honored. Clinic staff will contact patients directly should off-base care need to be coordinated.



Patients can choose their off-base TRICARE healthcare providers, and the on-base clinic will recommend a provider that is closest to patients' residences from a list of pre-coordinated providers.

There is no additional cost for active duty dependents to see an off-base pediatric provider; dependents of retirees have a \$20 copay per visit.

The 509th Medical Group will ensure all children receive necessary, quality care whether they see a provider on base or at one of our trusted partner clinics or hospitals, Erskine said.

Henderson added, "Our mission is to provide the best healthcare to all Whiteman personnel, including our very youngest patients. We are committed to caring for your children and making sure their needs are met – always."

**The Whiteman pediatric clinic has limited services through Sept. 15, 2018, and is partnering with area healthcare providers to maintain its pediatric care.**

• To schedule appointments, you may continue to call the Whiteman medical appointment line at 660-687-2188.

• For questions or concerns, you may contact the 509th Medical Group patient advocate, Master Sgt. Tanae Magwood at 660-687-6402.

• Additionally, the Medical Group hosts Coffee with the MDG Commander at 8:30 a.m. the first Monday of every month in the clinic's pharmacy waiting area to address healthcare service-related questions and concerns. The sessions are also available on the Whiteman Medical Group's Facebook page.

## Coffee With the MDG Commander

Date: The first Monday of every month

Time: 8:30 – 9:30 A.M.

Location: MDG pharmacy area

*Please join the 509th Medical Group leadership for a Q&A session and friendly conversation.*

*Coffee will be provided. Open to all.*



If you can't make it in person, please join us on Facebook Live @ [WWW.FACEBOOK.COM/WHITEMAN509MDG](http://WWW.FACEBOOK.COM/WHITEMAN509MDG)



# Reel Time Theaters

We're saving a seat for you.

**FRIDAY, JUNE 29 • 7 p.m.**      **SATURDAY, JUNE 30 • 7 p.m.**

Action Point (R)

Adrift (PG-13)

Adults - \$7.00, children - \$4.75

Adults - \$7.00, children - \$4.75

**SUNDAY, JULY 1 • 3 p.m.**

Show Dogs (PG)

Adults - \$7.00, children - \$4.75



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TOTAL FORCE AIRMEN EXECUTING SAFE, SECURE AND EFFECTIVE NUCLEAR AND CONVENTIONAL AIRPOWER...COMBAT-READY TODAY, INNOVATING FOR TOMORROW!

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# Around the Air Force



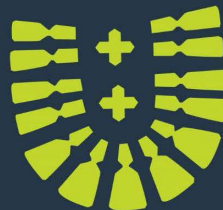
U.S. Air Force photo by Wayne A. Clark

Air Force Chief of Staff Gen. David L. Goldfein presents Mrs. Doris Day the brigadier general rank of her husband Col. George E. "Bud" Day, retired and deceased, during the 2018 Heritage to Horizons summer concert in Arlington, Virginia, June 8, 2018. The stars were originally Goldfein's when he was a brigadier general.



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# Holidays For Heroes

**Who:** Open to all (groups and/or squadrons welcome)

**What:** Every major holiday, come share your stories and hear theirs while enjoying homemade cookies

**Where:** Missouri Veterans Home, 1300 Veterans Rd., Warrensburg, MO 64093

**When:** July 7, 2018 from 10-11 a.m.

**How:** Volunteer at the veterans home or drop off baked goods on base at Bldg. 509, Rm. 206 on July 6, 2018



*For more information, please call or email Staff Sgt. Eric Zimmerman at 660-687-6589 or [eric.zimmerman.6@us.af.mil](mailto:eric.zimmerman.6@us.af.mil)*

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# ALS Class 18-E Graduation



U.S. Air Force photo by Staff Sgt. Danielle Quilla

Whiteman Airman Leadership School Class 18-E gathers after their graduation ceremony at Whiteman Air Force Base, Missouri, June 21, 2018. Their class motto was: "It's not about how far you go, it's about how high you fly." The nearly six-week course provides students with tools to effectively lead Airmen.

- Senior Airman Austin Alhouse, 509th SFS
- Senior Airman Dominic Aparicio, 509th SFS
- Senior Airman Melissa Askew, 509th SFS
- Senior Airman Troy Askew, 509th SFS
- Senior Airman John Barickman, 509th AMXS
- Staff Sgt. Jamie Bohachek, 20th ATKS
- Senior Airman Kylie Boucher, 509th MXG
- Senior Airman Justin Brunson, 509th SFS
- Senior Airman Brandon Colwell, 509th AMXS
- Senior Airman Austin Elrod, 509th MXS
- Senior Airman Sean Fitzpatrick, 509th OSS
- Senior Airman Joseph Graff, 358th FS
- Senior Airman Kurt Gray, 509th SFS
- Senior Airman Allyson Hargis, 509th MXS
- Senior Airman Samantha Henderson, 509th CONS

- Senior Airman Shane Hoag, 509th CES
- Senior Airman Derek Kellogg, 358th FS
- Senior Airman Jacob Lamberson, 509th MXS
- Senior Airman Thomas Laroue, 509th MXS
- Senior Airman Joseph Letcavage, 509th AMXS
- Senior Airman Johnariel Lugo-Rodriguez, 509th MXS
- Senior Airman Billy Martin, 358th FS
- Senior Airman Joseph McAlpin, 509th MXS
- Senior Airman Jared Meeder, 509th SFS
- Senior Airman Dennis Mendez Cruz, 509th MUNS
- Senior Airman Andrew Millerd, 509th MXS
- Senior Airman Carlos Morales Flores, 509th AMXS
- Senior Airman Elizabeth Nefzger, 509th LRS
- Senior Airman Bryce Pridemore, 509th AMXS
- Senior Airman Jaron Radebaugh, 509th MXS

- Senior Airman Clinton Rivers, 509th CES
- Senior Airman Zachary Roth, 509 OSS
- Senior Airman Cody Seiber, 509th SFS
- Senior Airman Paul Slemmer III, 509th SFS
- Senior Airman Sarah Smallwood, 509th MDSS
- Staff Sgt. Travis Smith, 509th MXG
- Senior Airman Curtis Stevens, 509th MXS
- Senior Airman Jaime Suarez Berrocal, 509th MDOS
- Senior Airman Luis Tavera, 509th AMXS
- Senior Airman Kyle Titus, 509th SFS
- Senior Airman Stephen Vincent, 509th MXS
- Senior Airman Jacob Waller, 509th CS
- Senior Airman Christian Ward, 509th MXS
- Staff Sgt. Rashawn Williams, 20th ATKS



Courtesy photo by Staff Sgt. Erik Johannes

U.S. Air Force Master Sgt. Dennis Caldwell Jr., the current Airman Leadership School commandant, presents Master Sgt. Jacques Ridore, from the 509th Civil Engineer Squadron, with the Air Force Professional Military Education badge for his selection as the new ALS commandant at Whiteman Air Force Base, Missouri, April 26, 2018. Ridore will begin overseeing the program on Aug. 1, 2018, for Class 18-F.



Courtesy photo by Staff Sgt. Erik Johannes

U.S. Air Force Master Sgt. Dennis Caldwell Jr., the current Airman Leadership School commandant, presents Tech. Sgt. Candace Caudill, from the 509th Medical Group, with the Air Force Professional Military Education badge for her selection as the newest ALS instructor at Whiteman Air Force Base, Missouri, on April 26, 2018. Caudill will lead her first class, Class 18-F, on Aug. 1, 2018.



# Air Force seeks 2018 national public service nominations



## U.S. AIR FORCE

By Richard Salomon,

Air Force's Personnel Center Public Affairs

**JOINT BASE SAN ANTONIO-RANDOLPH, Texas (AFNS)** --Air Force officials are accepting submissions for the 2018 National Public Service Award.

The American Society for Public Administration and the National Academy of Public Administration established the award to honor individuals whose outstanding contributions and accomplishments serve as models of public service in and out of the work environment.

This award is open to both military and Defense Department civilian employees. A committee from ASPA and NAPA will review nominations and select up to five award recipients who have spent a significant portion of their career as public service practitioners at the federal, state, local or international levels of government, or in nonprofit organizations that provided direct public service.

NPSA winners are those who have, on a sustained basis, done some or all of the following:

- Made a profound difference to improve service to the public
- Been willing to take risks to achieve change
- Fostered a more democratic society
- Served as champions of social equity
- Changed the way a governmental organization operates so that it better achieves its goals
- Achieved substantial savings in government operations
- Developed a cadre of other government leaders
- Contributed to the communities in which they live

Those considering nomination or nominating another are highly encouraged to review past winners and submit nominees who have similar credentials. For a full description of the award and to review information on previous winners, visit the American Society for Public Administration website.

Organizations and base-level personnel must contact their major commands, combatant commands, field operating agencies, direct reporting units or major command equivalent agency for applicable suspense dates and additional information regarding nomination procedures. Each MAJCOM, COCOM, FOA and DRU may submit one nomination. All nomination packages are due to the Air Force Personnel Center by Aug. 3, 2018.

Specific eligibility and application procedures for the NPSA award are available via myPers. Select "Any" from the dropdown menu and search "NPSA" from a CAC-enabled, .mil computer. For more information about Air Force awards, visit <http://www.afpc.af.mil/Recognition/>

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# Independence Day Celebration 2018

## 4th of July fireworks safety reminder

**By Master Sgt. Justin Pederson**  
509th Civil Engineer Squadron Whiteman Fire Emergency Services

June is National Safety Month and the Fourth of July is just around the corner, making now a good time to consider fireworks safety.

Fireworks are prohibited on Whiteman Air Force Base. Regulation WAFB 32-2001 states, "The use of any fireworks is unauthorized on this installation without the written authorization from the Base Fire Chief, Weapons Safety Manager and the Mission Support Group Commander."

It's not just big boomers that are prohibited on the installation; banned fireworks also include the smaller items like sparklers, snakes and smoke bombs.

If off-base residents plan to shoot fireworks, safeguards should be taken:

- Purchase fireworks only from a properly licensed retailer.
- Always wear eye protection as well as earplugs if you have sensitive ears.
- Tie back long hair and don't wear loose fitting clothes.
- Only light one firework at a time.
- Never try to relight fireworks that have malfunctioned.
- Never have any part of your body above lit fireworks.
- Keep young children away from fireworks.
- Never throw or point fireworks at other people.
- Never carry fireworks in your pocket.
- Make sure to have water nearby in case of a fire or an accident.
- Dispose of fireworks by soaking them in water and leaving them in a trash can.
- Never light fireworks indoors.
- Don't use fireworks while consuming alcohol; have a "designated shooter."
- Store fireworks in a cool, dry place. Don't save fireworks from season to season.

Fireworks start an average of 18,500 fires per year, including 1,300 structure fires, 300 vehicle fires, and 16,900 outside and other fires. These fires caused three deaths, 40 injuries and an average of \$43 million in direct property damage.

In 2015, U.S. hospital emergency rooms treated an estimated 11,900 people for fireworks related injuries; 51 percent of those injuries were to the extremities and 41 percent were to the head. Children younger than 15 accounted for one-quarter of those estimated injuries.

"Whiteman Fire Emergency Services would like you and your family to be safe and enjoy the Fourth of July celebrations," said Timothy Robinson, the assistant Chief of Prevention assigned to the 509th Civil Engineer Squadron. "That's why we recommend fireworks enthusiasts go to a local fireworks show hosted by professionals, such as the 2018 Independence Celebration at Whiteman AFB on July 3."

For more information on fire prevention, safety or training, contact the Whiteman Fire Prevention Office at 660-687-6080 or 6083. Visit the Whiteman AFB Fire Emergency Services Facebook page for more fire safety tips.

**By Brye Steeves**  
509th Bomb Wing Public Affairs

Whiteman Air Force Base is hosting a free, family-friendly event on Tuesday, July 3, 2018, to celebrate our nation's Independence Day.

All Whiteman personnel and their families are invited to Ike Skelton Park to enjoy rides, inflatables, animals, and food and vendor booths.

The 4th of July celebration begins at 5 p.m.; some attractions are

open to single Airmen at 4 p.m. for teambuilding purposes.

There will be DJ music as well as a performance by the Full Moon Band that begins at 6:30 p.m. The celebration will conclude with a fireworks show at dusk, estimated to be around 9 p.m.

All attendees must have base-access to attend the celebration.

**What:** Independence Day Celebration, featuring fireworks, food booths, music, an animal show, rides and more.

**When:** Tuesday, July 3; festivities begin at 5 p.m. and the fireworks show is at dusk.

**Who:** All Whiteman personnel and their families

**Where:** Ike Skelton Park, Whiteman AFB

**Cost:** Admittance and rides are free; vendor items have additional costs.

**Parking:** Parking is available in the lots near Ike Skelton Park and along nearby residential streets; Windsor Drive is closed to all traffic.

**Misc.:** A single airmen teambuilding initiative is from 4 p.m.-5 p.m. and features a rock climbing wall, zip line, human foosball and more.

**Questions:** Whiteman AFB Marketing at 660-687-7929

## 'For Freedom'

*To protect those who can't protect themselves.  
To be a part of something bigger than one's self.  
To ensure our country remains free.*

**This Independence Day, six Airmen at Whiteman AFB share why they choose to wear the uniform.  
Watch the short video to hear what our Airmen say: <https://www.dvidshub.net/video/610348/freedom>**



## WHITEMAN AIR FORCE BASE

### 2017 Annual Water Quality Report (Consumer Confidence Report)

MO1079501

*This report is intended to provide you with important information about your drinking water and the efforts made to provide safe drinking water.*

Under the Consumer Confidence Reporting Rule of the federal Safe Drinking Water Act (SDWA), community water systems are required to report this water quality information to the consuming public. Presented in this report is information on the source of our water, its constituents, and the health risks associated with any contaminants.

Your drinking water comes from the Whiteman AFB Water Treatment Plant operated by 509th Civil Engineer Squadron. Our system has been assigned the identification number MO1079501 for the purposes of tracking our test results. The plant treats water from the Ozark Aquifer pumped from groundwater wells located on base. Your water is filtered and treated with chlorine to disinfect the water. These wells have been tested and the results are available from the 509th Medical Operations Squadron, Bioenvironmental Engineering Flight. If you would like to observe the decision-making process that affects your drinking water quality or if you have any further questions, the water plant can be reached at 660-687-1984.

*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.*

*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).*

#### Contaminants that may be present in source water include:

**Microbial contaminants**, such as viruses and bacteria, which 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.

We continually monitor the drinking water for contaminants. Our water is safe to drink.

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).

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.

#### Contaminants Report

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.

#### Violations and Health Effects Information

Compliance Period	Analyte	Type
No Violations Occurred in the Calendar Year of 2017		

#### Regulated Contaminants

Microbiological	Result	MCL	MCLG	Typical Source
No Detected Results were Found in the Calendar Year of 2017				

Disinfection Byproducts	Monitoring Period	Highest LRAA	Unit	MCL	MCLG	Typical Source
TTHM	2017	11	ppb	80	0	Byproduct of drinking water disinfection
(HAA5)	2017	ND	N/A	60	0	Byproduct of drinking water disinfection

Lead and Copper	Date	90th Percentile	Range of Results (low-high)	Unit	AL	Sites Over AL	Typical Source
Copper	2015-2017	0.0629	0.00225-0.0666	ppm	1.3	0	Corrosion of household plumbing systems
Lead	2015-2017	ND	N/A	N/A	15	0	Corrosion of household plumbing systems

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. Whiteman AFB 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>.

You can also find sample results for all contaminants from both past and present compliance monitoring online at the Missouri DNR Drinking Water Watch website <http://dnr.mo.gov/DWW/indexSearchDNR.jsp>. To find Lead and Copper results for your system, type your water system name in the box titled Water System Name and select *Find Water Systems* at the bottom of the page. The new screen will show you the water system name and number, select and click the Water System Number. At the top of the next page, under the *Help* column find, *Other Chemical Results by Analyte*, select and click on it. Scroll down alphabetically to Lead and click the blue Analyte Code (1030). The Lead and Copper locations will be displayed under the heading *Sample Comments*. Scroll to find your location and click on the *Sample No.* for the results. If your house was selected by the water system and you assisted in taking a Lead and Copper sample from your home but cannot find your location in the list, please contact Whiteman Air Force Base Bioenvironmental Engineering at 687-4324 for your results.

Regulated Contaminants	Collection Date	Highest Value	Unit	MCL	MCLG	Typical Source
Barium	5/23/2017	0.0139	ppm	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium	5/23/2017	3.56	ppb	100	100	Discharge from steel and pulp mills
Fluoride	5/23/2017	0.56	ppm	4	4	Natural deposits; Water additive which promotes strong teeth
Nitrate-Nitrite	5/23/2017	0.026	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

### Optional Monitoring (not required by EPA) Optional Contaminants

Monitoring is not required for optional contaminants.

Secondary Contaminants	Collection Date	Your Water System Highest Value	Unit	SMCL
Alkalinity, CaCO <sub>3</sub> Stability	5/23/2017	136	MG/L	
Aluminum	5/23/2017	0.033	MG/L	0.05
Calcium	5/23/2017	13.7	MG/L	
Chloride	5/23/2017	34.1	MG/L	250
Hardness, Carbonate	5/23/2017	102	MG/L	
Magnesium	5/23/2017	16.5	MG/L	
pH	5/23/2017	7.9	pH	8.5
Potassium	5/23/2017	4.09	MG/L	
Sodium	5/23/2017	39.5	MG/L	
Sulfate	5/23/2017	49.9	MG/L	250
TDS	5/23/2017	198	MG/L	500
Zinc	5/23/2017	0.00797	MG/L	5
Perfluorobutanesulfonic Acid	8/22/2016	<2.0	ng/L	
Perfluoroheptanoic Acid	8/22/2016	<2.0	ng/L	
Perfluorohexanesulfonic Acid	8/22/2016	<2.0	ng/L	
Perfluorononanoic Acid	8/22/2016	<2.0	ng/L	
Perfluorooctane Sulfonate	8/22/2016	<2.0	ng/L	
Perfluorooctanoic Acid	8/22/2016	<2.0	ng/L	

Secondary standard are non-enforceable guidelines for contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor or color) in drinking water. EPA recommends these standards but does not require water systems to comply.

#### Terms and Abbreviations

**Population:** 9,400. 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.

**SMCL:** Secondary Maximum Contaminant Level, or the secondary standards that are non-enforceable guidelines for contaminants and may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor or color) in drinking water. EPA recommends these standards but does not require water systems to comply

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

**TT:** 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.

**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.

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

**LRAA:** Locational Running Annual Average, or the locational 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 di-bromoacetic acid) as a group.

**ppb:** parts per billion or micrograms per liter.

**ppm:** parts per million or milligrams per liter.

**N/A:** Not Applicable.

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

**ND:** Not Detectable at testing limits.

**For more information please contact the 509th Medical Operations Squadron, Bioenvironmental Engineering Flight (660-687-4324).**



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