



City of Wayne Newsletter

City of Wayne
Utilities

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ENERGYWISE TIP ~ Attic Ventilation

We insulate our attic to keep heat out of our home in summer and keep heat in during winter. So, why would we purposely allow outside air to enter the attic through vents? To some, this sounds counterintuitive. However, this is exactly what must be done to ensure a durable and energy-efficient home!

In summer, the sun beats down on the roof and heats up our attic spaces. Natural air flow moves the superheated air out, while insulation resists heat transfer into the rest of the home below. The inherent property of warm air to rise creates convection currents that move the heat buildup through vents at the top. This process reduces the work air-conditioners must do to keep our homes comfortable.

A well-designed attic ventilation system has a combination of intake vents at the lowest point in the attic, typically in the soffit or near the roof's edge, and exhaust vents at or near the ridge or peak of the attic. With proper design, attic or whole house fans are not necessary. In fact, these fans can create a negative pressure in the attic that draws conditioned air through the ceiling below.

Natural circulation created by this thermal effect can have even greater value dur-

ing the winter. Obviously, heat does not travel from attics into the living quarters during the heating season. Rather, heated indoor air travels into the attic from the home below – along with moisture. The warmer air is, the greater its capacity to hold moisture.

Problems start when this warm, moist air hits cooler rafters, trusses and roof sheathing. As this air cools, moisture condenses out of it and creates water droplets or frost. Eventually, this condensation drips on the insulation below. If the insulation gets too soaked, its effectiveness is reduced. This leads to greater heat loss and colder rooms. Colder rooms lead to a greater need for heat, and greater use of the furnace leads to higher energy bills.

Condensation is not only problem for insulation, but other building materials as well. Absorbed into lumber, this moisture can cause wood rot and deteriorate roofing materials. As the moisture soaks into attic floors and eventually into ceiling materials, water stains and paint damage will begin to appear in the rooms below.

Perhaps the largest concern improperly ventilated attics

can cause in the winter is ice damming. This occurs when attics become too warm and snow melts off the roof, only to re-freeze in the gutters. As they build up, ice dams can cause significant structural damage. Proper insulation and ventilation keep attics cold in winter by reducing the entry of heat and moist air from below. These practices also expel moisture that does make it through the ceiling below.

Note that the most common mistake homeowners make when installing insulation is to block the flow of air at the eaves. Never cover soffit vents with insulation! Rather, check all attic vents periodically, and remove any obstructions to ensure proper airflow. It will keep you cooler this summer and warmer next winter!

Your local utility and Nebraska Public Power District want to help you make the most of the energy they provide you. That includes keeping your home cool this summer. For more ideas on how you can make your home EnergyWiseSM, contact your local utility or visit www.nppd.com.

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CITY COUNCIL MEETINGS

August 4th
August 18th

NOTICE TO WAYNE UTILITY CUSTOMERS

City Hall is now open. However, we are still limiting the number of people into the building, as well as keeping the 6 feet of distance between the public.

We are still encouraging utility payments be made by using the City's on-line bill pay services or by calling (402) 375-1733 to pay by debit/credit card. Checks and cash (to closest dollar amount) can still be dropped off in the two drop boxes located in the front and back of City Hall.

Thank you!!

Department News ~

Wayne Public Library ~

Wayne Public Library is proud of the 162 youth that read 2,378 books in the 5 weeks of our reading challenge. They beat the record from 2019 by 59 books with one less week to do it! The second part of our Youth Summer Reading Program, as well as our Adult Summer Reading Program, will be wrapping up on August 7th, so be sure to get your times entered by then to earn your coupons to local businesses and entries towards the prizes!

The Library is continuing to be open via appointment, call [402-375-3135](tel:402-375-3135) to set a time to browse our collection or to use the computers. We do ask that patrons keep their time in the building to under 30 minutes, and if you have a mask please, to wear it while you are in the building.

We will continue to offer our curbside service, so call your book, magazine, audiobook, DVD, puzzle & game re-

quests in, or use the Library's online catalog to place items on hold from home. Or, try out our Libby app to download ebooks and audiobooks directly to your device.



WISE WORDS

"Knowledge is knowing a tomato is a fruit. Wisdom is not putting it in the fruit salad."

~Brian Gerald O'Driscoll

Playground Safety ~

It's that time of year again. Summer is in full swing, and the city parks and playgrounds are busy with kids of all ages swinging, sliding and playing in the sand.

In May, City employees conducted inspections of parks and equipment and are removing, replacing and repairing equipment to keep the parks fun and safe.

The most effective way to keep your child safe while playing in the parks is adult supervision. Parents can help prevent playground accidents by taking some precautions, ensuring that there is adult supervision at the play-

ground, and making sure that any equipment that their child plays on is appropriate to his or her age and maturity level.

Adult supervision can help prevent injuries by making sure kids properly use any playground equipment and don't engage in unsafe behavior around it. If an injury does occur, an adult can assist the child and administer any needed first aid right away.

Kids should always have adult super-

vision when they're at the playground. Young children (and sometimes older children) can't always gauge distances properly and aren't capable of foreseeing dangerous situations by themselves. Older children often love to test their limits on the playground, so it's important for an adult to be there to keep them in check.



CITY SIREN SIGNALS

Fire Alarm Siren:
This is a high/low tone and will operate in daytime hours

Tornado Siren:
This will be a single high tone siren for 3 minutes.

Tornado Shelter:
City Auditorium at 3rd & Pearl Street



Green Notes ~ Recycle Right in the Park

 This summer, the blue recycling bins are back throughout Wayne city parks, making recycling accessible for people enjoying the outdoors. Look for twinned bins—recycling and trash side by side. The park recycling bins only accept **plastic bottles and cans that are empty of all liquids**. Please do not put any other items in these bins, such as plastic straws, food wrappers, or even plastic cups, which all belong in the trash bin. Any amount of trash contaminates

the recycling load.

Electronics Recycling Update: We are uncertain if we will host our annual electronics recycling event in September or postpone until next year. Please stay tuned for more info next month. For more tips on the Green Path to the Good Life, like the Wayne Green Team on Facebook or visit www.cityofwayne.org/greenteam



The Fair Housing Act protects people from discrimination when they are renting, buying, or securing financing for any housing. The prohibitions specifically cover discrimination because of race, color, national origin, religion, sex, disability and the presence of children.

If you believe you may be a victim of housing discrimination, contact HUD 1-800-669-9777 or your local Fair Housing representative:

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YOUR CHOICE. YOUR RIGHT. YOUR HOME.

