

# City of Wayne Newsletter

City of Wayne  
Utilities

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July, 2025

## REFRIGERANTS!



As summer heats up, it's great to know your home's air conditioning system can provide relief. It's also good to know you can find a cold beverage in your refrigerator to cool down with. That wouldn't be possible without the refrigeration process pioneered in 1834 by Jacob Perkins, who introduced the first commercially successful vapor-compression refrigeration system using ether.

For air conditioning systems, a refrigerant evaporates inside a coil and changes from a liquid to a gas. As it does, the refrigerant absorbs heat from inside your home and the system transfers it out. The amount of heat removed and how efficiently it is done depends in large part on the type of refrigerant used.

For nearly 200 years, the refrigeration industry sought to develop the perfect refrigerant that would be efficient, non-corrosive, non-toxic, and non-flammable, with no ozone depletion and global warming potential. However, the first air conditioners and refrigerators employed toxic or flammable gases, such as ammonia, sulfur dioxide, methyl chloride or propane that often resulted in fatal accidents when they leaked.

Then, in 1928, Thomas Midgley Jr. created the first non-flammable, non-toxic chlorofluorocarbon (CFC) gas: Freon® (R-12).

However, by the mid-1970s, scientists discovered CFCs such as R-12, were causing major damage to the ozone layer that protects the earth from ultraviolet radiation. In the 1980s, this led to the adoption of hydrochlorofluorocarbon (HCFC) refrigerants like R-22. Compared to CFCs, HCFCs have a significantly lower potential to deplete ozone.

But in the 2000s, climatologists began to correlate the use of HCFCs to climate change. To address this concern, the American Innovation and Manufacturing Act of 2020 required transitioning to new refrigerants like R-32 and R-454B. The American Society of Heating, Refrigerating and Air-Conditioning Engineers classifies these refrigerants as "A2Ls".

Starting this year, newly manufactured refrigeration and air conditioning systems must employ A2Ls. When compared to older refrigerants, they provide environmental benefits, improved efficiency, faster thermal

recovery and regulatory compliance. They also help homeowners avoid the increasing costs of retiring refrigerants.

Even still, don't feel you need to rush out to replace all of heat pumps, air conditioners, refrigerators and freezers. Existing equipment and the parts, including refrigerant, used for servicing and repairing them are not subject to the new regulations and can continue to be used through equipment end-of-life. The supply of R-410a and R-134a will still be available, as was the case in prior refrigerant transitions in the 1990s and early 2000s.

However, when you do find yourself in the market for a new refrigeration appliance, heat pump or air conditioning system, contact your local utility. They may have EnergyWise<sup>SM</sup> incentives available to reduce the cost. Your local utility wants to help you get the most value from the energy they provide.

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### **NEW DATES FOR CITY COUNCIL MEETINGS**

Monday, July 7th  
Monday, July 21st



### **CITY HALL OFFICE HOURS**

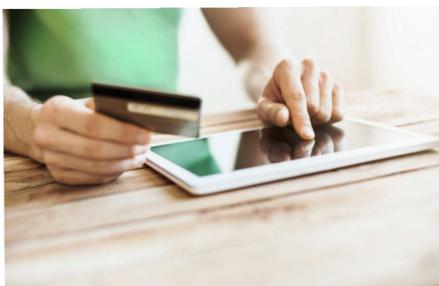
City Hall office  
Hours are:  
7:30 a.m.  
until 4:30 p.m.

### **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 & East Park  
Restrooms



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Visit this URL:

<https://www.municipalonlinepayments.com/waynene>



SCAN ME

## Department News ~

### Library ~

- Closed on July 4th for Independence Day.
- Join the Adult Summer Reading Program to earn badges and buttons using the Reader Zone app or a paper log. Contact the Library for questions.
- “Coffee and Conversation” on the first Monday of each month at 10:30 a.m. for socializing over coffee.
- Summer Reading Activities with Mrs. Aleisha; check the circulation desk for details and registration info.
- “Needle Night” group meets Thursdays at 6:00 p.m. for creative projects and conversation.
- “Adult Craft Night” on July 1st at 6:00 p.m., making a Patriotic Dahlia Wreath.
- Storytime with Mrs. Kolbeck on July 3rd at 11:00 a.m. for engaging tales and activities for young children.
- “Adult Coloring Night” on July 8th at 6:00 p.m., with supplies provided.
- “Basic Tech Afternoon” with Nicole on July 9th at 1:00 p.m. for tech help.
- “Walk & Talk Book Club” resumes on July 15th at 6:00 p.m., discussing “City of Night Birds” by Juhea Kim.
- “Trivia Night” on July 18th at 7:00 p.m. at Johnnie Byrd’s; sign up for teams of 4-6.
- “Henoween Chicken Story Time” on July 11th at 4:30 p.m. for young listeners.
- “Adult Summer Reading Program” offers Take & Make activities on July 21st and 28th; sign up for the program to participate.
- Author event with Mark Miller on July 22nd at 6:00 p.m. discussing “The Stone Eye.”
- “Teen Program” with Mrs. Aleisha on July 25th at 3:30 p.m. for Pin or Magnet making.
- “Traditional Book Club” on July 29th at 6:30 p.m. discussing “Seasons of the Tallgrass Prairie.”
- Summer reading program registration ongoing; sign up in person or via Google Forms.
- “Recycled Read” has moved to 306 Pearl Street; donations accepted during regular hours, but not textbooks or poor-condition items.

### WISE WORDS

“There is power in looking silly and not caring that you do.”

~Amy Poehler

### WAYNE RECYCLING & TRASH CENTER (RTC) HOURS

Monday & Friday  
9:00 a.m.—1:30 p.m.  
Tuesday  
11:00 a.m.—2:00 p.m.  
Saturday  
8:00 a.m.—Noon

Or by appointment Tuesday, Wednesday and Thursday

**City Offices will  
be closed  
Friday, July 4th  
for Independence Day**



### 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 the twinned bins—recycling and trash side by side—to properly dispose of your unwanted items. The park recycling bins only accept **plastic beverage bottles and aluminum 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 drink cups, which all belong in the trash bin. Any amount of trash contaminates the recycling load.

**New location for electronics recycling this fall!** The annual electronics recycling

event in Wayne is Saturday, September 6, 8:00 – 10:00 a.m., but it’s moving to the parking lot of the FNBO building at 1100 E. 10th Street. Stay tuned for details and save up your electronics until then.

**Special Green Team Meeting.** Join us for a special Green Team meeting on Tuesday, July 8th, at noon, at the SNBuilding Conference Room located at 1010 Main Street. City Administrator Wes Blecke will attend to discuss green infrastructure and investments by the city.

For more tips on the Green Path to the Good Life, like the Wayne Green Team on Facebook or visit

[www.cityofwayne.org/greenteam](http://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:

**Wes Blecke**

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**YOUR CHOICE. YOUR RIGHT.**

**YOUR HOME**

