



# City of Wayne Newsletter

City of Wayne  
Utilities

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## ENERGYWISE TIP ~ Heat Pump Water Heaters



When has being in “hot water” ever been a good thing?

If you have a heat pump water heater, it is a great thing!

According to the 2015 Customer Appliance Saturation Survey of Nebraska’s residential customers, more than half of Nebraska homes use electricity to heat domestic hot water. When it comes to energy use in homes, after space conditioning, water heating is the second biggest consumer of energy and accounts for about 13 to 18 percent of total energy used in homes. By using heat pump technology, energy for water heating can be cut by 50 to 80 percent. That is because heat pump water heaters use electricity to move heat into their storage tank instead of generating heat directly.

Heat pump water heaters come in a variety of configurations. Most often, they are a stand-alone unit that resides in a home’s utility room. However, other designs employ their own outdoor compressor/evaporator coil, integrate with an air-source or geothermal heat pump system or have their own geothermal system.

How do they work? The common stand-alone type operates like a refrigerator in reverse. While a refrigerator pulls heat from inside itself and dumps it into the surrounding room, a stand-alone air-source heat pump water

heater pulls heat from the surrounding air and moves it into a storage tank to heat water.

Stand-alone heat pump water heaters require installation in locations that remain between 40 to 90 degrees Fahrenheit and provide at least 1,000 cubic feet of air space around the unit. Cool exhaust air can be exhausted to the room or outdoors. Installation in spaces with excess heat, such as furnace rooms, works best. Heat pump water heaters will not operate efficiently in a cold space, as they tend to cool areas they are in.

Heat pump water heater systems typically have higher initial costs than conventional storage water heaters. A stand-alone, 50-gallon heat pump water heater sells for more than \$1,000, with other configurations costing even more. By comparison, conventional electric hot water heaters start closer to \$400. However, according to the Energy Star® website, a heat pump water heater can save a household of four people around \$330 a year on their electric bill. That adds up to a net savings of more than \$3,300 over the 13-year life of a typical heat pump water heater.

Keep in mind that a stand-alone heat pump water heater is going to remove heat and lower the temperature of the room where it is in-

stalled. While it may seem counter-intuitive to locate it in a space you already pay to heat, there are many other sources of heat in the home to include solar gain through windows as well as heat from cooking equipment and other appliances. Often, a room with a clothes dryer or a utility room with a furnace is an ideal location. During the cooling season, heat pump water heaters help remove excess heat and humidity that an air-conditioning system would remove anyway. The cumulative effect is energy savings while heating and cooling your home, as well as creating hot water.

Another consideration is that heat pump water heaters have a slow recovery rate. This is why larger units and/or backup electric heating elements often make sense for homes with higher hot water consumption.

Finally, check with your local electric utility to see if you are eligible for an EnergyWise<sup>SM</sup> heat pump water heater incentive starting at \$200 per qualifying unit or a low-interest loan by upgrading. They also have additional ideas on other energy-saving improvements that make getting into hot water a great thing!

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### CITY COUNCIL MEETINGS

May 1st  
May 15th

### **Cross-Connection Control Survey Form**

In the upcoming months, City of Wayne customers will receive a “Cross-Connection Control Survey Form” in the mail that needs to be completed and returned to the City Offices. This form will help prevent the accidental contamination of the City’s drinking water.

The City of Wayne is required to do this not less than once every five years, and will greatly appreciate your cooperation.



## Department News ~

### Wayne Public Library ~



Spring is here! The weather is warmer and the first gardens of the year are being planted. If you need a break from the yard work or just want to relax and unwind, we can help! Want some new ideas for what you can do in your outdoor space? We have a large section on gardening, and several books on landscaping.

With the warmer weather finally here, our yearly Summer Reading Program is gearing up to begin. Stop by anytime to get your child(ren) registered and pick up a calendar of events. Reading logs will be available the day of the kickoff party or any time after May 30th at the circulation desk. Please contact the library with any questions!

We are excited to get the 2018, LIBRARIES ROCK, program off to an awesome start with "Rockin' Science!" Jim Birkel, from Mad Science of Iowa, will be exploring sound with a variety of experiments that are sure to spark imaginative learning. The show will be held May 30th from 1:00 – 1:45PM at the Wayne City Auditorium.

Monday May 14th at 6:00 PM the library will host Smart Phone 101.5-Beyond the Basics. You've learned to answer your phone, text and email, but you want to know more such as apps that you will use, how to use maps and the importance of your search engines. Wanna learn how to Facebook? What the heck is Snapchat or Instagram? We can teach that! Registration is required. Call 402-375-3135 or stop in to sign up today.

Celebrate the last day of school by joining us at the library for a movie and treats! Friday May 18th at 1:00 we will be showing "Star Wars: Last Jedi" and serving ice cream sundaes.

Library will continue to host Junk in the Trunk. The sale date will be Saturday May 19th 8 AM to Noon in the library parking lot. Call the library to save a spot.

On May 21st at 6:00 PM, join us for the movie "For Me and My Gal," a 1942 American jukebox musical film directed by Busby Berkeley and starring Judy Garland, Gene Kelly – in his screen debut – and George

Murphy, and featuring Martha Eggerth and Ben Blue. The film was written by Richard Sherman, Fred F. Finklehoffe and Sid Silvers, based on a story by Howard Emmett Rogers inspired by a true story about vaudeville actors Harry Palmer and Jo Hayden, when Palmer was drafted into World War I. Popcorn and beverages will be provided. Movie length is 1 hour and 45 minutes.

May 25th will be the kick-off for Chess on Fridays at 3:00 PM. If you don't play chess, we will have other board games available so come join in the fun! For adults and kids!

Library will be closed for Memorial Day on May 27th & 28th. This also begins our summer hours where we will be closed on Sundays.

Join in our Book Club discussion, Tuesday, May 29th, 6:30 PM at the Senior Center. Author Helen Simonson is the New York Times bestselling author of *The Summer Before the War*. The novel is a timely introduction to the theme of the Humanities Nebraska Chautauqua: "World War I: Legacies of a Forgotten War" which will be held in Wayne June 7th.

The setting for the novel is East Sussex, 1914. It is the end of England's brief Edwardian summer. Hugh Grange, down from his medical studies, is visiting his Aunt Agatha, who lives with her husband in the small, idyllic coastal town of Rye. Agatha's husband works in the Foreign Office, and she is certain he will ensure that the recent saber rattling over the Balkans won't come to anything. And Agatha has more immediate concerns; she has just risked her carefully built reputation by pushing for the appointment of a woman to replace the Latin master.

When Beatrice Nash arrives with one trunk and several large crates of books, it is clear she is significantly more freethinking—and attractive—than anyone believes a Latin teacher should be. For her part, mourning the death of her beloved father,

who has left her penniless, Beatrice simply wants to be left alone to pursue her teaching and writing.

But just as Beatrice comes alive to the beauty of the Sussex landscape and the colorful characters who populate Rye, the perfect summer is about to end. For despite Agatha's reassurances, the unimaginable is coming. Soon the limits of progress, and the old ways, will be tested as this small Sussex town and its inhabitants go to war.

Wayne Public Library will host Nebraska Author, Karen Gettert Shoemaker Thursday, May 31st, 6:30 PM at the Wayne Senior Center. Ms. Shoemaker is the author of the novel *The Meaning of Names*, the One Book One Nebraska selection for 2016 and Omaha Reads selection for 2014.

*The Meaning of Names* is set in Stuart, Nebraska in farm country in the heart of America in 1918. It is the story of an ordinary woman trying to raise a family during extraordinary times. Estranged from her parents because she married against their will, confronted with violence and prejudice against her people, and caught up in the midst of the worst plague the world has ever seen, Gerda Vogel, an American of German descent, must find the strength to keep her family safe from the effects of a war that threatens to consume the whole world. Copies of the novel will be available at the library so participants have the opportunity to read the novel before the author's visit. This program, sponsored by the Library, Friends of the Library, and Humanities Nebraska, is free and open to the public.

Ask at our circulation desk to learn more about our databases available to you 24/7 online. If you have a recommendation for a program or book purchase, let us know!

#### WISE WORDS

*"The key to being a good manager is to keep the people who hate you away from those that are undecided."*

~ Casey Stengel

#### TRANSFER STATION HOURS

Monday & Friday

9:00 a.m.—1:30 p.m.

Tuesday

11:00 a.m.—2:00 p.m.

Saturday

8:00 am.—Noon

Or by appointment  
Tuesday, Wednesday  
and Thursday

### Green Notes ~ Straws Suck, Sip Instead



Americans use and toss over 500 million plastic straws each day—that's enough to wrap around the Earth 2.5 times in one day. In only the past twenty years, people have come to expect plastic straws in every drink. These short-lived tools become garbage with no further thought, adding to the source of plastic pollution. Plastic straws cannot be recycled. They often end up in our oceans and waterways, causing severe harm to wildlife. Are a few minutes of drink convenience worth this much damage and garbage? We don't think so.

Here are 3 simple actions you can take to reduce plastic straw pollution:

- ◆ Make a personal commitment to say "no" to plastic straws. Whenever ordering a drink, politely request "no straw, please." Encourage your friends and family to do the same.
- ◆ Reach out to some local eateries in your neighborhood or town and ask them to change their protocol to only serve straws

upon request.

- ◆ Encourage those eateries to make a change to non-plastic straw options – like paper, glass, or stainless steel – if diners do request a straw.

For more info, visit [www.plasticpollutioncoalition.org/no-straw-please](http://www.plasticpollutioncoalition.org/no-straw-please) and <https://thelastplasticstraw.org/>. For tips on the Green Path to the Good Life, find the Wayne Green Team on Facebook and [www.cityofwayne.org/greenteam](http://www.cityofwayne.org/greenteam).

**Got Compost?** Do you enjoy the beautiful flower pots spread across downtown Wayne in the spring and summer? These pots take tender loving care by volunteers, as well as some rich compost to get going. If you have some compost to donate, please contact Verdel Lutt at [402-375-0761](tel:402-375-0761). Thank you for keeping Wayne beautiful!

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).

#### YOUR RIGHT:

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.**

