



# City of Wayne Newsletter

City of Wayne  
Utilities

Volume 8 —Issue 2  
February 2015

## Energy-Wise Tip

The lights are on, but no one is home. Are the lights being left on when other family members leave a room? If your answer is yes, read on!

To remedy this problem, consider installing an occupancy or vacancy sensor on the electrical light circuit that is left "ON" the most often. Here are some considerations related to both.

First, consider what occupancy and vacancy sensors are and how they differ from each other. While both are considered "motion" sensors, occupancy sensors turn lights ON automatically upon detection of someone in the room and turn lights OFF automatically soon after an area is vacated. In comparison, vacancy sensors require manual activation of the lighting by the occupant; then, they turn lights OFF automatically after no one is detected in an area.

Now consider how they work. Typically, these sensors employ one of two technologies (or both) in the same controller. One such technology is passive infrared (PIR). PIR sensors are designed to detect motion from a heat-emitting source (such as a person entering a room) within its field-of-view. These sensors have segmented

lenses. For units to see motion, the person must cross between two segments or bands. The distance between the segments or bands increases the farther a person is from the sensor, so motion has to be larger the farther it is from the unit. PIR sensors are considered line-of-sight sensors, meaning that the sensor must be able to have a direct line-of-sight to the person making the motion.

The second is ultrasonic technology. Ultrasonic sensors use the Doppler principle. These sensors produce low intensity, inaudible sound and detect changes in the sound waves it produces that are caused by motion, such as walking into the room, reaching for a telephone, or turning in a chair. They are volumetric in nature and are not line-of-sight dependent. Since they fill the space with these sound waves, they are excellent in bathrooms with stalls, enclosed hallways, or other oddly shaped rooms. In addition, they are much more sensitive to smaller motions.

What if PIR and Ultrasonic technology are combined into one sensor? They provide the best sensing solution available today. This pairing helps elimi-

nate false activations (both ON and OFF) thus avoiding additional, unnecessary energy use.

Yes, both types of sensors cost more than standard wall switches. But depending on how often lights are being left on when no one is in a room, energy savings could make up that extra cost in less than a couple of months. Though a wall switch to replace a standard toggle switch using either technology was initially somewhat expensive, many models are now available for less than twenty dollars.

The City of Wayne wants to help you make the most of the energy we provide. That includes helping to control unnecessary energy use.

For more ideas on how you can make your home or business more energy efficient, contact Gene Hansen, Electric Production Superintendent, at 402-375-2866.



### Inside this issue:

<i>Energy-Wise Tip</i>	1
<i>Department News</i>	2
◆ <i>Free Online Bill Payment Option</i>	
◆ <i>Library</i>	
◆ <i>Green Notes</i>	

### CITY COUNCIL MEETINGS

February 3rd  
February 17th

### New Location for Tree Dump Site

**There is a new location for the tree dump site in Wayne. The location is now just north of the old Pacific Coast factory site along Industrial Road on the eastern side of Wayne. You can no longer take materials to the old site near the rugby complex.**



## Department News ~

### Free Payment Option now Available Online ~



We hear it in social media, on the phones and in email: You don't want to pay a fee to pay your bill. We want to make

sure your customer experience is top notch, so we are now offering online payments with no fee. Just log on to the City of

Wayne website and go to the "Online Bill Pay" option located on the left hand side of the screen.

### Library News ~



Winter Story Hour is off and running, 10:30 Saturday Mornings, now through March 28th— Learn about new topics and create crafts designed for pre-school and elementary children. February is National Bird Feeding Month, many books and activities will be centering on that theme. Another great way to get out of the house to have some fun and meet other parents is our infant toddler program "Mother Goose on the Loose," which is held each, Wednesday at 10:30am. We move, learn rhymes, sing, and hear stories to introduce a love of language and reading to your child.

Youth Services Librarian, Julie Osnes, is looking for readers for our community outreach program for area daycares and preschools. The, "Grandma -pa," program is a mentoring opportunity that shares reading and reading activities with children who may not otherwise have the opportunity for regular library visits. All it takes is a commitment of time, 30-45 minutes once or twice a month, can help children build safe relationships with community members and promote

the enjoyment of books at an early age. Please call the library at 402-375-3135 to be matched with an area daycare.

Events at the library in February include our all day celebration of Mardi Gras! Make your friends think you were in New Orleans by stopping at our selfie station. Stop by early to collect your own beads while they last. From 4:00 – 5:30 we will be having an after school activity to create our own mask decoration. Later in the week we will celebrate Chinese New Year with a children's craft time at 4 pm on Thursday, February 19.

The Library Book Club is reading *Olive Kitteridge* by Elizabeth Strout this month. According to Publisher's Weekly, this book present a heart-wrenching, penetrating portrait of ordinary coastal Mainers living lives of quiet grief intermingled with flashes of human connection. ... Its literary craft and emotional power will surprise readers unfamiliar with Strout. Books are available for checkout at the library, and the group will meet for discussion on Tuesday, February 24 at 6:30 pm.

IRS forms 1040, 1040A, and 1040EZ are slowly arriving at the library. These are the only forms the IRS will be providing this year as they encourage electronic filing. All other forms and all instruction booklets are

only available online. Library computers are available for reviewing instructions or printing additional forms at \$.10 per printed side. Library staff is ready to help access the information you need, but cannot provide any tax or legal advice.

The annual Friends of the Library book sale is scheduled for the second weekend in April, with setup on Thursday, April 9. Anyone wanting to donate gently used books for this sale is welcome to bring them by the library during our open hours. We cannot accept textbooks, encyclopedias, or magazines older than 6 months. Anyone interested in helping with setup or working the sale can leave their name at the front desk of the library.

The display case in the library/senior center hallway is featuring the Boy Scouts during February. During March the library would like to feature Irish History and we are looking for anyone in town who might be interested in helping us create this display. Contact Rita McLean at 402-375-3135.

If you would like more information about any of our programs and services, please contact the library at 375-3135.

### Green Notes ~ Love Food, Hate Waste!

Food waste is a growing problem in the U.S. In Wayne, 27% of what we throw out in our trash is food—a much higher number than the Nebraska state average of 17%. Wasting food means wasting resources and money too. So here are five easy ways to reduce your food waste and increase your bottom line.

**(1) Buy only what you need.** Plan ahead and make a list before grocery shopping. And be smart

about sales. It's not a bargain if you won't eat it. **(2) Eat what you buy.** Sounds simple, yet few people manage to do this effectively. Make a conscious effort to keep track of the food you have – and then remember to eat it, especially those yummy leftovers. **(3) Keep food fresh.** Learn to store foods properly to keep them fresh as long as possible. **(4) Don't toss food before it spoils.** Expiration dates don't always mean the food has gone bad. It often means the food

just can't be sold at a store. **(5) Avoid the trash.** If you have extra food, share it with others by giving to family, friends, coworkers, or our local food pantry. For the food scraps you can't eat, consider backyard composting.

To see more details on how to reduce your food waste, visit our website [www.cityofwayne.org/greenteam](http://www.cityofwayne.org/greenteam) and like the Wayne Green Team on Facebook. Thanks for following the Green Path to the Good Life!

### WISE WORDS

"Before you are a leader, success is all about growing yourself. When you become a leader, success is all about growing others."

~Jack Welch

### LIFEGUARDS WANTED!

The City will be taking applications for full and part-time lifeguards. Please contact the Community Activity Center for more information at 402-375-4803



### HOURS AT CAC (September 1st— May 31st)

Mon-Thu—5:30 am—10 pm  
 Fri—5:30 am—9 pm  
 Sat—8 am-8 pm  
 Sun—1 pm - 8 pm

