



City of Wayne Newsletter

City of Wayne
Utilities

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ENERGYWISE TIP ~ Ultraviolet Disinfection

As we continue to adapt to life with COVID-19, we are reminded of a quote from Winston Churchill's address to the House of Commons six months before Victory in Europe Day, May 8, 1945: "Now this is not the end. It is not even the beginning of the end. But it is, perhaps, the end of the beginning."

Indeed, a cure for COVID-19 would provide a beginning to an end. Until that time, we practice social distancing, wear facial coverings and try to stay healthy while cleaning and disinfecting frequently touched surfaces and hands. One technology that helps in the ongoing battle is ultraviolet germicidal irradiation.

Without getting too scientific, ultraviolet is electromagnetic radiation with wavelengths shorter than visible light. Often, three subsets are referred to: UV-A, which is responsible for skin tanning, UV-B, which is primarily responsible for some types of skin cancer and cataracts and UV-C, which is highly effective for decontamination. UV-C destroys the molecular bonds that hold together the RNA and DNA of viruses and other biological material. Yet limited exposure to humans and the spaces they occupy can be managed without adverse effects.

For more than 40 years, UV-C has been safely and effectively used in medical facilities, wastewater treatment plants and even residential heating and cooling systems. Along with other disinfection protocols that include air filtration and dilution from fresh sources, contaminants are safely and effectively removed with UV-C. However, because overexposure of UV-C can cause severe, sunburn-like reactions to your skin depending on intensity (and much faster than a regular sunburn, the International

Commission on Illumination provides recommended amounts, wavelengths and exposures of UV-C needed to safely disinfect a multitude of different viruses and other organic contaminants. (Please beware that UV-C can also quickly damage the retinas of your eyes if direct exposure occurs.)

Inexpensive consumer products that produce UV-C have been available for many years. Some have excellent and effective applications, especially in combination with other indoor air and water quality solutions. UV Lights for central HVAC systems are installed through the wall of existing ductwork and use 12 to 70 watts of electricity to provide disinfection for your entire home. Plug-in air purifiers that utilize UV-C technology use 80 to 215 watts of energy to offer single room to whole home coverage.

But sadly, some vendors of UV-C generating devices misrepresent their products as the best solution to addressing decontamination concerns. With the recent surge of ultraviolet disinfection lights and products on the market, our current crisis is no exception.

Before spending money on any UV-C technology, consider these points:

- There are few accepted standards for equipment designed to disinfect with UV-C. As a result, there are many ads and promotions that claim amazing performance with little or no scientific backup.
- Vendors should be able to cite independent scientific studies documenting the effectiveness of their device. The scientific report should illustrate the

actual reduction of test microorganisms using their product over a given time and exposure distance.

Legitimate manufacturers should be registered with the U.S. Environmental Protection Agency as a pesticide and/or device-producing establishment. You can check their website at:

<https://www.epa.gov/compliance/national-list-active-epa-registered-foreign-and-domestic-pesticide-and-or-device-producing>.

- Determine if the device has built-in UV safety sensors for automatic shutoff. If not, is safe operation totally reliant on the operator?
- Check to see if the device meets NIOSH, UL, IEEE or other related safety standards.
- Remember that UV disinfection is based on "line-of-sight" between the UV lamp and the target surface. If the UV-C beams are blocked by other objects or shadowed by texture on an uneven surface, satisfactory disinfection may not occur. Consider what and where you will disinfect with the device.
- Some devices also produce ozone as part of their operation. Be sure you understand the human safety concerns associated with this gas before operating.

Your local public power utility wants you safe, now, and in the future. That includes helping assess technologies that purify our air and water. For ways to help with the cost of efficiency improvements, visit with your local utility.

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CITY COUNCIL MEETINGS

June 2nd
June 16th

NOTICE TO WAYNE UTILITY CUSTOMERS

City Hall will begin to reopen on June 1st. We will limit the number of people to the building, as well as keep 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.

Department News ~

Wayne Public Library ~

The Wayne Public Library (WPL) is excited to announce they will be providing a virtual summer reading program to the community. The Summer Reading Youth Challenge (June 1st-July 4th) and Summer Reading Program 2020: Imagine Your Story (July 6th-August 8th), is themed around fairytales, folklore and adventure. An adult reading challenge is available as well (June 1st-August 8th). The Library's summer activities will consist of reading challenges with grand prizes and lots of fun crafts and programming via online videos provided in partnership with Page Turner Adventures. Programming and reading challenges will be available to adults during this time as well.

Virtual Participation With Beanstack

The youth Summer Reading Program (SRP) is open to anyone ages 0 through 18. SRP encourages community youth to participate in logging reading minutes and challenges. In the reading challenges, youth will be able to earn virtual tickets by completing reading goals. They will be able to use their virtual tickets in a drawing towards 8 grand prizes. This year the Library is going digital with the launch of WPL's own Beanstack website: cityofwayne.beanstack.org.

This online service will provide participants in SRP (and in any of WPL's other future reading challenges) with the tools to track reading goals and earn badges by attending virtual Library activities. Users also have the ability to register multiple family members online with just one account, providing a fun and free way for the whole family to engage with the Library.

Coinciding with the youth SRP, Adults 19+ will have a summer reading challenge they are able to complete via Beanstack. Tickets towards a drawing for 4 adult grand prizes can be earned by logging reading goals and completing activities.

Our Beanstack site is currently being reviewed for quality assurance, and is not available to the public at this time. WPL will announce via our website and our social media pages when this content is available to the public.

Virtual Programming with Page Turner Adventures

The Wayne Public Library will be partner-

ing with Page Turner Adventures to provide virtual youth summer programming. The programming includes comedy story theater shows, crafts, recipes, author interviews, guest performers, contests, games, and much more. Fifty different programs will be available to patrons over the span of 10 weeks.

This virtual programming content will be available June 1st via a private group linked to Wayne Public Library's Facebook page. The group's name is WPL 2020 Virtual Summer Reading Program: Page Turner Adventures.

To register for summer reading programming and challenges, or to learn more about the Library's free summer programs, call Wayne Public Library at 402-375-3135. Follow us on Facebook for the latest Library updates: [@waynepubliclibrary1902](https://www.facebook.com/waynepubliclibrary1902)



WISE WORDS

“Wise men talk because they have something to say; fools, because they have to say something.”

—Unknown

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



Grass Clippings ~

The Wayne Public Works Department wants to remind all residents that blowing lawn mower clippings into the street is prohibited and is a violation of City Code, Section 78-237. These grass clippings and other such debris left on the street will travel to the storm sewer inlet and can block them. The blocking of the inlets can cause local flooding from storm water accumulation.

Because the water from the storm sewers runs into Logan Creek, the grass clippings can negatively affect the creek with the chemical content in the grass from lawns that have been fertilized and treated with weed killer.

When mowing, please mow the first few rounds so that the grass blows in

towards the lawn and when finished, sweep up the grass that has been thrown into the street.

We thank you for your cooperation during this mowing season.



Green Notes ~ Cleaning Out Closets



You may have been doing some spring cleaning while staying at home and are ready to offload your items. The good thing is you have options in Wayne. Thrift Warehouse is accepting spring and summer clothing (on consignment at 40%) and household goods and furniture. Micah's Closet will also be accepting clothing donations beginning July 1. Once the Wayne Public Library reopens, you can take your glasses, cell phones, inkjet cartridges, and batteries in for recycling. Remember to limit your batteries to small household ones only, follow instructions for proper taping of terminals on lithium and

lithium-ion batteries, and do not include plastic bags. See full instructions on how to recycle batteries on our website.

Thank you for your efforts to be green and reduce waste, even during these challenging times. 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.

