



the Lindsborg City View

Quarterly Newsletter - Issue 47 - August 2018

TREES TREES TREES The Value of Urban Trees

Lindsborg's tree-lined streets do more than give residents a sense of community character. Mature trees provide for the removal of pollutants from the air, soil and water. They release water vapor into the atmosphere, cooling the surrounding areas which lessens the urban heat island effect. They intercept rainfall and reduce storm water runoff. The shade from tree canopies encourages walking, biking and other outdoor activities, which contributes to overall community health and peace of mind. Studies show that trees increase property values, as much as 20 percent, according to the U.S. Forest Service. And research indicates that urban trees contribute to carbon sequestration, a phenomenon usually attributed to tropical forests. In other words, our city trees are more than decoration.

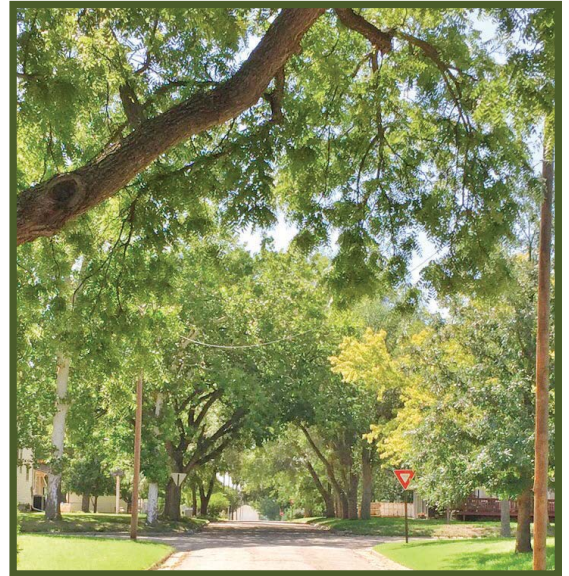
In 2013, the Kansas Forest Service performed an inventory of the community's street trees. The count included trees between curb and sidewalk, or those within 15' of the curb if no sidewalk was present. Total number of trees inventories was 1,436, representing 55 different species. The top ten species were hackberry, Siberian elm, silver maple, ash, black walnut, callery pear, eastern redbud, bur oak, sycamore and sugar maple. Not a great top ten, but certainly better than the alternative of a monoculture (one species), or no trees at all. The total replacement value of the public tree resource is \$2,264,443. The City receives \$92,604 in annual social, economic and environmental benefits in the specific areas of energy conservation, CO2 sequestration, air quality, and stormwater control.

In terms of total counts, the top three trees are hackberry, elm and maple. Each of these species have problems that make them less than desirable, except for the fact that they are our most common mature trees. They are rarely purposely planted any more, and the ones that are allowed to grow are generally ones coming up from seed. The Tree Board provides a list of recommended trees, based on suitability to climate, aesthetic value, growth rate, and resistance to disease and pests. When planting in the street right of way, residents must select trees from this list, or obtain permission from the Tree Board for exceptions (*Municipal Code Section 48-103*).

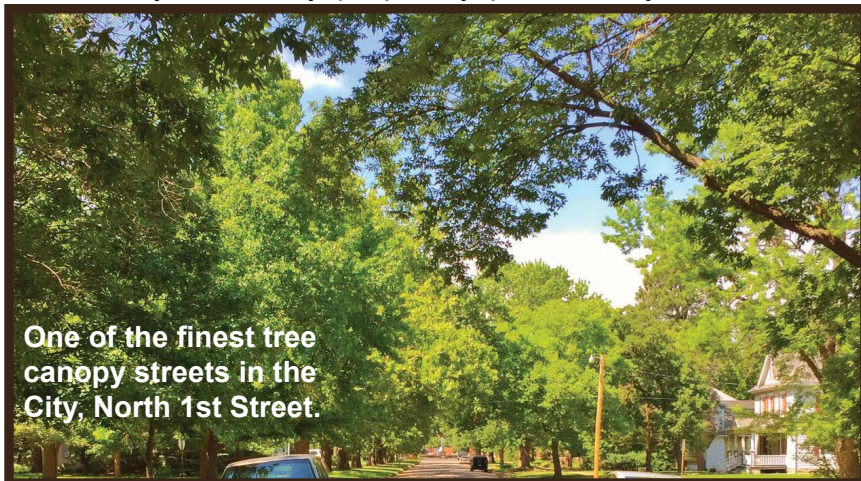
ACTION -- n.

- 1.) *The process or state of acting or of being active.*
- 2.) *Something done or performed; act; deed.*
- 3.) *An act that one consciously wills and that may be characterized by physical or mental activity.*

extended definitions at dictionary.com



West Green Street, framed by four beautiful sycamores on the left.



One of the finest tree canopy streets in the City, North 1st Street.

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Trees continues on Page 3.



THE CITY OF LINDSBORG

Get Connected with Lindsborg

Stay informed about: local news, events and services.

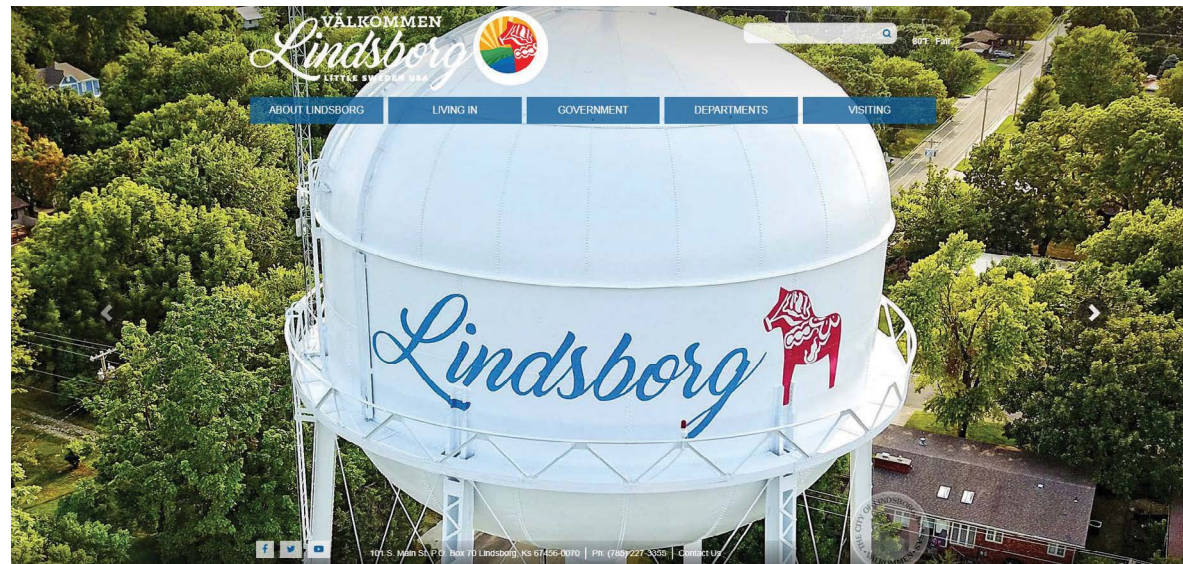
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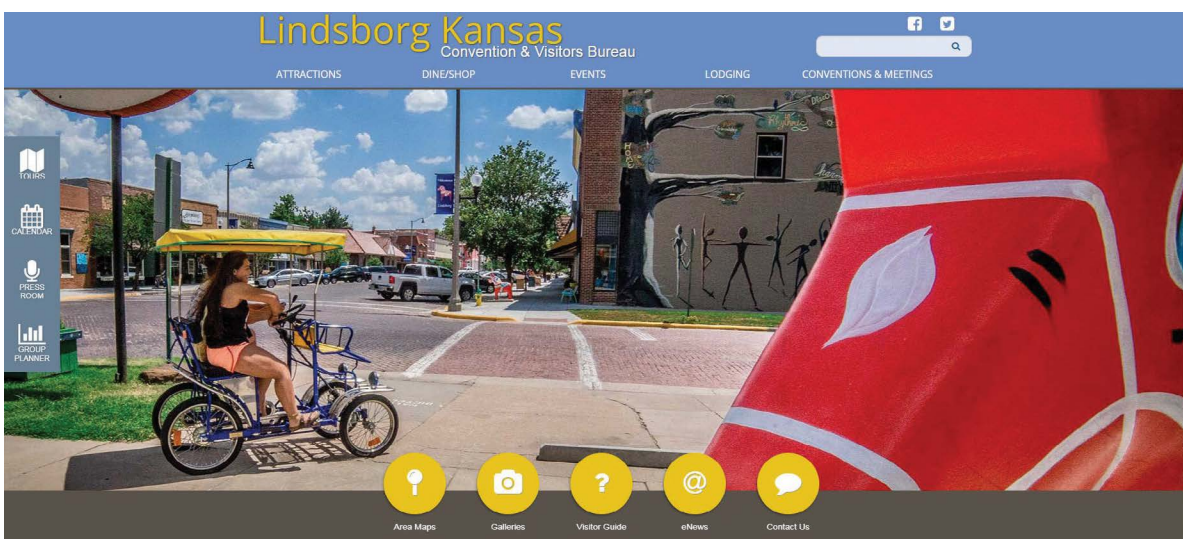
Visit our City web page at www.lindsborgcity.org

The City of Lindsborg website is new and improved! Check it out!



Visit the new site at www.lindsborgcity.org. The Convention and Visitors Bureau has a new site to navigate through as well. They both are user friendly! City staff are always available to answer any questions you may have.

The CVB website is: visitlindsborg.com. Staff will complete a few maintenance items, but the site is live so check it out. A special thanks goes out to all of the photographers that contributed to this project. The website addresses have not changed but be sure to bookmark the new pages for easy access.



Council Member Contact Information

Councilman **David Higbee** dhigbee@lindsborgcity.org Councilwoman **Jodi Duncan** jduncan@lindsborgcity.org

Councilman **Mark Friesen** mfriesen@lindsborgcity.org Councilwoman **Betty Nelson** bnelson@lindsborgcity.org Mayor **Becky Anderson** banderson@lindsborgcity.org

Councilman **Rick Martin** rmartin@lindsborgcity.org Councilman **Corey Peterson** cpeterson@lindsborgcity.org

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Trees continued from page 1.

Trees can add value to your home, help cool your home and neighborhood, break the cold winds to lower your heating costs, and provide food for wildlife.

The following are some statistics on just how important trees are in a community setting.

The net cooling effect of a young, healthy tree is equivalent to ten room-size air conditioners operating 20 hours a day. *U.S. Department of Agriculture*

If you plant a tree today on the west side of your home, in 5 years your energy bills should be 3% less. In 15 years the savings will be nearly 12%. *Dr. E. Greg McPherson, Center for Urban Forest Research*
A mature tree can often have an appraised value of between \$1,000 and \$10,000. *Council of Tree and Landscape Appraisers*

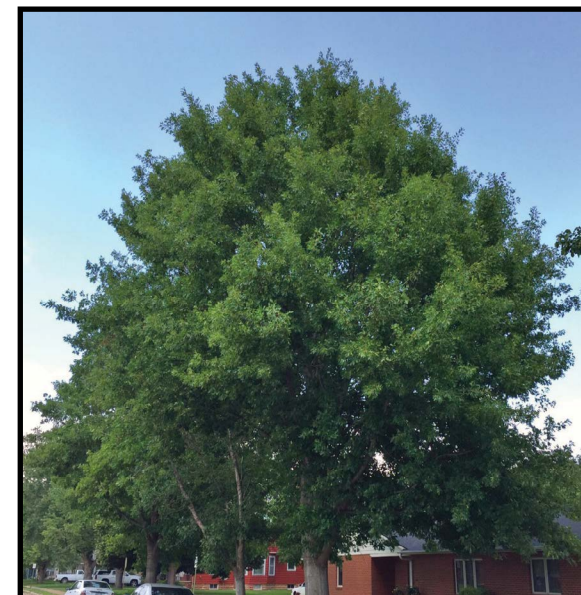
Having large trees in yards along streets increases a home's value from 3 percent to 15 percent. *Wolf, Kathleen L, PhD, University of Washington (2007) City Trees and Property Values. Arborist News. 16, 4:34-36*

In Portland, Oregon, street trees increase the value of homes by a total of \$1.1 billion, an average increase of \$7,020 for each house. *Donovan, G.H.; Butry, D.T. (2010). Trees in the City: Valuing Street Trees in Portland, Oregon. Landscape and Urban Planning 94:77-83*

Landscaping, especially with trees, can increase property values as much as 20 percent. *Management Information Services/ICMA*



One of the few remaining ponderosa pines left in the community, this one in Swensson Park was probably planted in the mid-thirties, about 80 years old.



A Shumard oak planted in 1996 across from the Bethany Home Activity Center. This tree measures over 2' in diameter and is about 50' tall. This is one of the fastest growing trees, with excellent wind resistance and low acorn counts. Also, exceptional red fall color.

One acre of forest absorbs six tons of carbon dioxide and puts out four tons of oxygen. This is enough to meet the annual needs of 18 people. *U.S. Department of Agriculture*

There are about 60 to 200 million spaces along our city streets where trees could be planted. This translates to the potential to absorb 33 million more tons of CO2 every year, and saving \$4 billion in energy costs. *National Wildlife Federation*

Trees properly placed around buildings can reduce air conditioning needs by 30 percent and can save 20-50 percent in energy used for heating. *USDA Forest Service*

Trees can be a stimulus to economic development, attracting new business and tourism. Commercial retail areas are more attractive to shoppers, apartments rent more quickly, tenants stay longer, and space in a wooded setting is more valuable to sell or rent. *The Arbor Day Foundation*

Healthy, mature trees add an average of 10 percent to a property's value. *USDA Forest Service*

The planting of trees means improved water quality, resulting in less runoff and erosion. This allows more recharging of the ground water supply. Wooded areas help prevent the transport of sediment and chemicals into streams. *USDA Forest Service*

Trees continues on page 7.



TALENTED GUESTS VISIT LINDSBORG



The 2018 summer has already been filled with visits from travel writers and photographers wanting to experience Lindsborg first-hand! From a National Geographic Society grant project to an international travel program, Lindsborg has enjoyed being in the limelight this year!

Many of you ask how these opportunities happen, so we thought we would share this with you! While the Convention and Visitors Bureau staff works hard throughout the year to pique the interest of all kinds of travel specialists, we also need to give credit to community members that reach out to their connections, across the globe, encouraging people to visit and experience Lindsborg first-hand. Whether the CVB has several months' notice or just a few days, CVB staff spring into action, taking the baton handoff and compiling a specialized travel plan that meets the needs of your visitor. You help us...and in return we help you. Teamwork. It seems that this is simply the way we work to accomplish great things in Lindsborg!

So, what's next? We hope that you keep up the good work! This year has already been a banner year for hosting individuals that are sharing Lindsborg with a bigger audience. Please give out the CVB phone number and/or email address. We promise to continue the conversations and follow each lead you give us. And, most of all, keep sharing what you love about Lindsborg, inviting your friends and acquaintances to experience Lindsborg first-hand.

Stay tuned for a summer visit from Matt Landau and his film crew, as they film a new episode of Sense of Place. This will be a fun week and will be shared along with Matt's visits to places like Italy, Uruguay and the Virgin Islands. You can find more about Matt's work at www.senseofplaceshow.com.

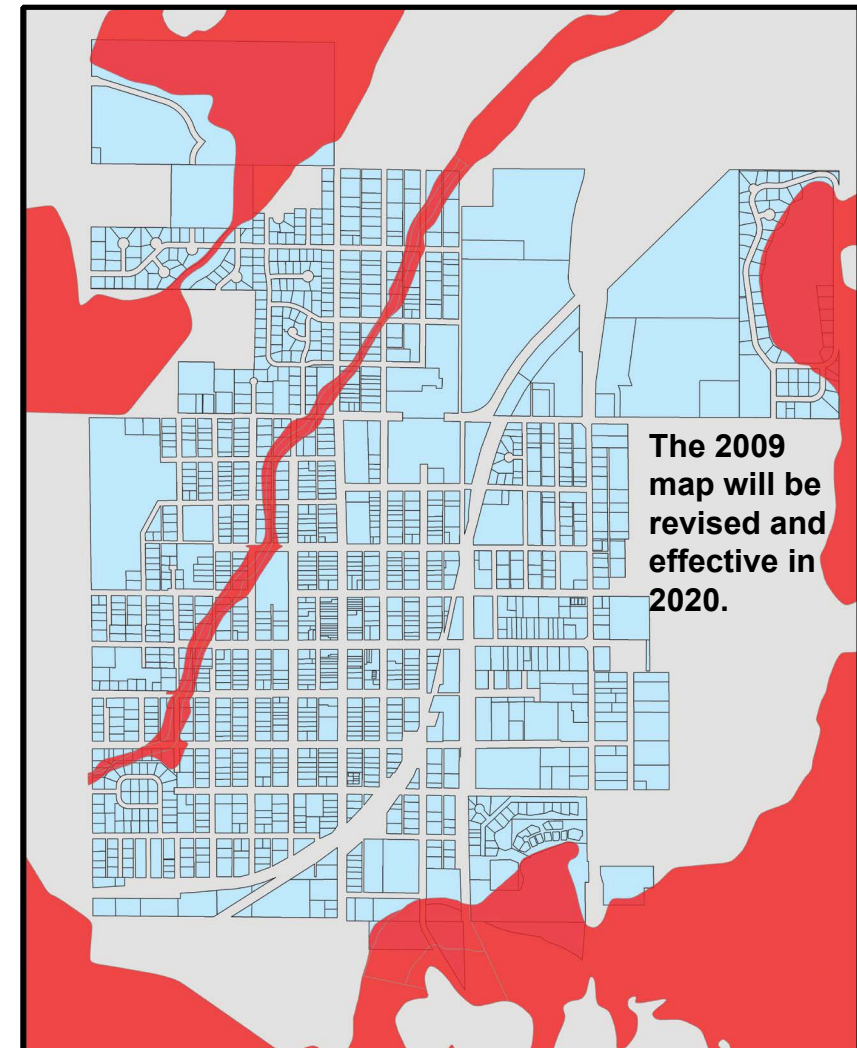


FLOOD MAPS ARE BEING UPDATED

The Flood Insurance Rate Maps (FIRMs) and Flood Insurance Study (FIS) for Lindsborg are being updated to provide more accurate information regarding property flood risk. The Kansas Dept. of Agriculture - Division of Water Resources (DWR), in collaboration with the Federal Emergency Management Agency (FEMA) are working with local community officials since March of 2018 to conduct community review. Included in this review is additional surveying related to stormwater improvements recently completed. Elements of the Garfield Drainage Improvement project are being incorporated in the modeling used to create the new flood maps. It is expected that the revisions will keep many properties out of the 1% floodplain, saving homeowners the cost of flood insurance.

The draft map will soon be available for public review and comment. The boundaries of many flood-prone areas within the watershed have changed from the boundaries shown on the current effective map that was adopted in 2009. Once the Garfield Improvement revisions are included in flood modeling, residents will be able to review the new map online and submit comments to DWR. The web address will be published when available.

Additionally, residents will be invited to attend a public open house to review the proposed floodplain map and to have questions answered. The open house is tentatively scheduled for late September. Officials from the DWR, engineering contractor Wood Environment & Infrastructure, the City of Lindsborg, and McPherson County will be on hand at the open house to answer questions and take comments.



Timeline

- Map Production
 - o 2016-Present
- Draft Floodplains Available/Flood Study Review
 - o August 2018
- Preliminary DFIRM Distribution
 - o Estimated Winter 2018
- Preliminary DFIRM Community Coordination Meeting
 - o Estimated Spring 2019
- Appeal Period
 - o Estimated Summer 2019
- Letter of Final Determination
 - o Estimated Fall 2019
- Effective Maps
 - o Estimated 2020

The National Flood Insurance Program printed the first flood map for Lindsborg on May 15, 1978. Since then, only two revisions have taken place. The first revision was in December, 1997, and most recently, in January, 2009. When a community flood map is updated to reflect the current risk, requirements for flood insurance coverage and the costs of policies can also change.



Dog Park Nears Fundraising Goal

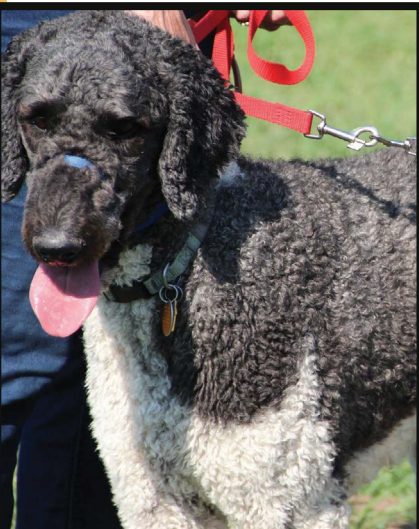


Supporters of a dog park in Lindsborg are closing in on raising the funds needed for the first phase of construction. Over \$1,200 was earned at an event in July called Doggie Rodeo. The sale of t-shirts and doggie bandanas contributed to the effort, but individual donors and corporate sponsorships are currently driving the project. The planned park will be a 22,000 square foot fenced area located at the Recycle Center at 401 E. McPherson Street. Powder-coated chain link fence will be joined to existing wooden picket fencing to create three partitioned areas for off-leash dog play. One area will be for large breeds, another for small dogs. The third area will be reserved for periodic turf renovation. On-site water will be available, along with trash cans and doggie bag dispensers. Future benches and shade structures are planned as well.

The idea for a dog park has been kicked around since June 2015. A modest, 9,000 square foot layout was originally proposed. The project was added to the 2016 Capital Improvement Budget as a \$7,500 line item. The award of the Vålkommen Trail Extension Grant delayed the project until 2018. By then, a citizen committee had formed, and the project ramped up in scope and scale. Early fundraising attempts began in August 2017 with the first annual Doggy Dip, an event held on the municipal swimming pool closing day. Bake sales and costume parties followed, but the Doggie Rodeo turned the corner on the collection of startup funding, and construction could start this year.



Photo credit: The McPherson Sentinel



Trees continued from page 3.

In laboratory research, visual exposure to settings with trees has produced significant recovery from stress within five minutes, as indicated by changes in blood pressure and muscle tension. *Dr. Roger S. Ulrich Texas A&M University*

Nationally, the 60 million street trees have an average value of \$525 per tree. *Management Information Services*

To help locate New York City's heritage trees, the City Department of Parks and Recreation conducted a program called the "Great Tree Search." New Yorkers looked for trees of unusual size and age, those linked with historic landmarks, and trees of unusual species or location. On Arbor Day, they held a big party to celebrate New York City's Great Trees.

After a tornado destroyed more than 800 trees in Cardington, Ohio, citizens organized a tree restoration committee which solicited donations and memorials. Volunteers who learned of the tree planting through local newspaper articles appeared on Arbor Day to wrap trunks, water, mulch, and stake 40 large trees which were planted along major streets.



The Lacebark elm in this photo was planted in 1996 on the 100 block of N. 1st. Lacebarks have been planted in line groupings along the Vålkommen Trail. When mature, they should provide a dense hedge effect with great screen potential.

What Kind of Trees Should I Plant?

Most of our mature street trees in Lindsborg don't count as the best examples to plant, or re-plant when one dies or goes down in a storm. Hackberries, Siberian elms and silver maples are undesirable street trees because of their susceptibility to wind loss. They also have a less than stellar ability at "compartmentalization", the capability to seal off wounds from further damage caused by moisture, rot or insects. You can see many examples of decaying elm and maple branches throughout the community. Hackberries, on the other hand, are dangerous because the damage is generally hidden from view, and failures can happen suddenly with little warning. Fortunately, there are many trees that have the ability to survive wounds and winds. The Tree Board suggests several in its recommended street tree list. The most commonly planted by the Lindsborg Parks Department are Lacebark elm and Shumard oak.

Next year, the Tree Board is sponsoring a tree planting project specifically geared to coincide with the city's celebration of its 150th anniversary. The goal is to plant 150 trees in the community, sponsored by individuals, families, institutions

or businesses. Commemorative trees will be of a species and minimum size specified by the Board. Planting locations will be approved by the Board, and will be on public property. When all 150 are committed and planted, a brochure/booklet will be created to denote donor, GPS coordinates, and identification of each tree. Look for more information in future newsletters.

Small Trees	Medium Trees	Large Trees
Flowering Crabapple	Chinaberry	Baldcypress
Hawthorn	Chinese Pistache	American Elm
Amur Maple	Golden Raintree	Lacebark Elm
Paper Mulberry	Japanese Pagoda	Ginkgo
Redbud	Kentucky Coffee (Male)	Honeylocust (Thornless)
Serviceberry	Caddo Maple	Linden
	Shantung Maple	Autumn Blaze Maple
	Sugar Maple	Pecan
	Columnar English Oak	London Planetree
	Chinquapin Oak	Bur Oak
	Callery Pear Varieties (Not "Bradford")	Northern Red Oak
		Sawtooth Oak
		Shumard Oak
		Willow Oak



Water Usage - Be Conservative!

How much water do you think is used during the summer months? Average gallons of water in July/August metered in the city over the last 5 years: **15,085,914 gallons per month.**

Average gallons of water in July/August treated at the Wastewater Treatment Plant over the last 5 years: **6,421,378 gallons per month.**

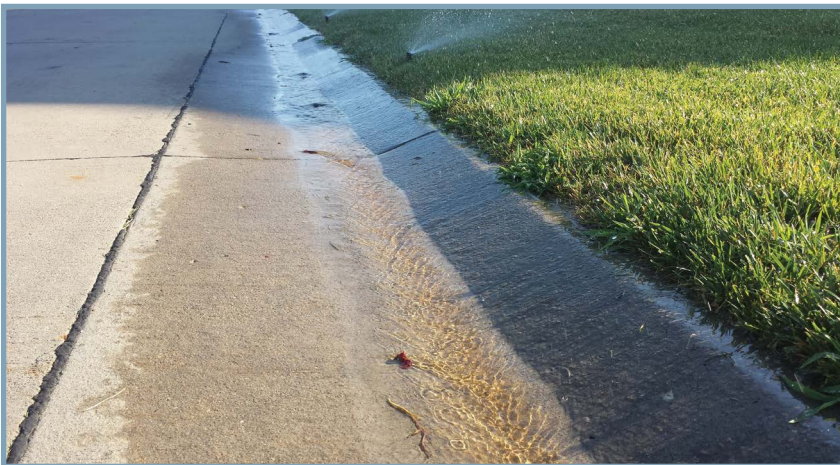
The purpose of this article is to give you a small amount of information that may cause you to pause and evaluate your water use during the summer months. The numbers above are a July/August monthly average of water pumped into town in the summer compared to the volume of wastewater treated at the wastewater plant in the summer.

During the winter months, these numbers are somewhat comparable as most of the water pumped into town is used in homes and goes down drains and is treated as wastewater at the wastewater treatment plant. The average flows at the plant have actually been reduced over the last several years as more water saving devices are installed in homes such as 1.6 gallon flush toilets, reduced flow shower heads, water conserving washing machines and dish washers. Another contributing factor is home owners are becoming more conscientious when it comes to using water inside the home.

All the changes that are happening inside the home are making a difference to help reduce water demand, however, in the summer that demand is more than double due to activities outside the home. A large part of this demand can be attributed to the use of irrigation systems to water yards, flower beds and gardens. While watering is acceptable, it becomes obvious by observing the gutters around town that there is a lot of water being wasted. When you see a yard that is being watered and there is water running off of the yard and into the gutters, that is wasted water due to overwatering. When you see an irrigation system that is spraying out into the street, then water is being wasted due to improperly adjusted sprinklers. When an irrigation system is running while it is also raining, that is a system that needs updated with a rain sensor to prevent it from running during a rain event. When you irrigate during the heat of the day much of that water is lost due to evaporation and is a waste of a lot of water.

Water is a valuable resource that we cannot afford to take for granted any longer, thought must be given as to how it is used. More important is reducing the amount water that is wasted. Water that is flowing down gutters to enter storm drains serves no purpose except to provide an environment in which mosquitos will flourish. Water observed in storm drains at the river in a time when there has been no rain for weeks, is an indication of how much water is wasted. A common response is that I have a well, so the water is not costing me anything. It is still wasting water if it runs down the gutters and into storm sewers and drainage channels. Irrigation systems need to be properly maintained and continually monitored and adjusted.

There are all kinds of statistics to show how many gallons of water are wasted when watering lawns. The numbers above are real averages of gallons used within our town, they are not statistics. Although water has many other extra uses in the summer, lawns and irrigation is the primary driver of those excess gallons. If you have an irrigation system, please take the time to evaluate how it is operating. Evaluating your irrigation system can save you dollars as well as help to reduce the burden on our water source during the summer months.



What is the status of your house numbers? Make sure emergency crews can find you!

House numbers are not only convenient for finding addresses but necessary for emergency responders to locate those in need. When responding to an emergency, minutes matter so be sure that fire, ambulance, and police personnel can easily and quickly find your address.

Lettering should be a minimum of 4 inches in height and should contrast with the background of the house. Select numbers that are easy to read and not in a cursive style design. It should be clearly visible from the street fronting the property, and when approaching from either side of the house. Be sure the view is not obstructed by shrubs, trees, or decorations, such as flags. Install a light above the numbers or use reflective numbers so the address can be noticeable at night.

If the numbers on your house are not visible or easy to read, it will take emergency personnel longer to reach you. The time spent trying to locate a property can mean the difference between life and death, so take the time now to be sure your house numbers are visible from the street to help emergency responders find you faster.

PUBLIC SAFETY PERSONNEL KEEP BUSY THROUGHTOUT THE YEAR!



New patrol cars, Coffee with a Cop, helicopter training and rescuing small animals kept the Public Safety personnel busy this year.

GOOD NEWS FOR HOMEOWNERS - SMOKE DETECTORS AVAILABLE

The Kansas State Fire Marshal's Office has donated smoke detectors to the Lindsborg Fire Department for homeowners only. Fire Chief Matt Clark said that the only catch is that they must be installed by the Lindsborg Fire Department. If you are a homeowner in Lindsborg and need smoke detectors installed, call the Lindsborg Safety Center between 8 a.m. and 4 p.m. at 785-227-2988 and speak with Angela.



FUN FUN FUN! A SUMMER FULL OF ACTIVITIES!

LINDSBORG RECREATION DEPARTMENT



The summer of 2018 proved to be a very eventful one for Recreation Director, Beth Ferguson, and quite a few kiddos. The schedule was full of activities that any kid would find joy in participating in! There were four sessions of Camp Dala Days offered throughout June and July. These campers found themselves swimming, hiking at Coronado Heights, visiting the Dillion Nature Center, bowling at The Alley in Hutchinson and exploring at Exploration Place in Wichita! Other programs offered this summer were: swimming lessons at the Lindsborg Municipal Pool, Junior Golf at the Lindsborg Golf Course, Tennis Camp, Art Class, and Youth Baseball and Softball! More programs such as Youth Volleyball and basketball will be offered this fall and winter! Contact Beth at bethf@lindsborgcity.org if more information is needed.

CAMP DALA DAYS!





The City of Lindsborg
101 S. Main
PO Box 70
Lindsborg, KS 67456

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CALENDAR OF EVENTS

City Council Meetings - Sept. 4 (Tues) & 17, Oct. 1 & 15, Nov. 5 & 19
Planning & Zoning Commission Meeting - October 16
Lindsborg Annual Downtown Street Dance - August 25
Makers Street Art Walk - September 14 & October 12
Discover Your Swedish Roots - Old Mill - September 29 & 30
Coronado Heights Run 15K and 5K - October 13
Falun Classic 34- Mile Bike Ride - October 14
Holiday Open House - November 10
Small Business Saturday - November 24
City View Newsletter - Issue 48 (November)
Recycling Center - (Open 24/7) Be considerate please

For more scheduled events please view the calendars at www.visitlindsborg.com and www.lindsborgcity.org

EMERGENCY INFORMATION

Police, Fire and Ambulance:	911
Police, Fire and Ambulance:	785.227.2988 (non-emergency)
Water, Sewer, Electric, Streets:	785.227.3428
Water, Sewer, Electric, Streets:	785.227.3469 (after hours, weekends and holidays)