



City of Lawrence

The Flame | April 2018

"We Have
Tomorrow —
Bright Before
Us, Like A
Flame."

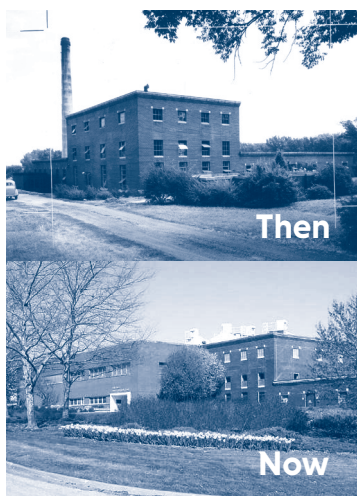
Langston Hughes

A BRIEF HISTORY OF THE KAW WATER TREATMENT PLANT

The City of Lawrence bought the privately owned Lawrence Water Company in 1916. In 1918 a new City-owned water treatment plant was built on the site to provide potable water to approximately 12,000 citizens. This new plant cost \$250,000 and was able to treat up to 3 million gallons of water per day. The then-modern plant included equipment for sedimentation, softening, chlorination, and rapid sand filtration. Steam driven pumps maintained direct pressure to the water distribution system. In 1947 electric pumps replaced the steam driven equipment.

In 1952, with a City population approaching 20,000 citizens, unprecedented water demand from residential and industrial users indicated a need for additional plant and distribution capability. In 1954 a total of \$1.7 million in construction and improvements allowed the plant to generate 7 million gallons of potable water per day with a peak of 10.5 million gallons.

In 1958 a second train of flocculation and sedimentation basins was built, bringing the total plant design capacity to 16.5 million gallons per day. A large pre-sedimentation basin was added in 1964 to increase process efficiency. The newer part of the Kaw Plant is used for the bulk of the water that is treated today, however the original filter gallery is still usable



when needed to match demand.

Currently the average flow rate at the KAW plant is 6 million gallons per day. Maintenance and improvements are planned and completed on the facility on an on-going basis, and energy efficiency is a key factor in equipment selection and design.

JOIN US FOR THE KAW WATER TREATMENT PLANT CENTENNIAL CELEBRATION!

Tap into a learning experience with a guided tour!

**May 12th, 2018
10:00 AM till 2:00 PM**

Come and see how water from the Kansas River is treated to provide our community with clean safe drinking water.

**Kaw Water Treatment Plant
720 West 3rd Street**

Tours will take place on the hour.

Treatment plant tours are also available Monday – Friday from 9:00 AM till 3:00 PM. Please call 785-832-7800 or email us at utilitiesdept@lawrenceks.org to schedule a tour time.

DID YOU KNOW?

Kansas (KAW) River

The state of Kansas was named for the river. Its name (and nickname) come from the Kanza (Kaw) people who once inhabited the area.

When including the Republican River and its headwater tributaries, the length of the Kansas River system is 743 miles, making it the 21st longest river system in the U.S.

As the largest tributary of the Missouri River, the Kansas is considered one of the world's longest prairie rivers, beginning at Junction City, KS, and flowing to Kansas City. Along the way it serves as a critical drinking water supply for more than 600,000 people in addition to being used for irrigation, municipal wastewater and industrial discharges, cooling water for three coal-fired power plants, and a source of commercial sand and gravel.

Source: <https://www.americanrivers.org/river/kansas-river/>

Water Quality Report

City of Lawrence Utilities takes water treatment and safety very seriously, we urge you to view our 2018 Consumer Confidence Report, and learn more information about drinking water here: https://lawrenceks.org/utilities/annual_report/





Never miss your trash day again!

The City of Lawrence Solid Waste Division has upgraded its reminder notification system for residential trash, recycling, and yard waste collection services – making it easier to stay connected and up-to-date on your collection schedule.

A new feature is the **'Lawrence Waste & Recycling' mobile app** available for download on the iTunes App Store and Google Play. This mobile app is another option for receiving push notifications for trash, recycling, and yard waste collection service.

Residential customers who have not yet signed up to receive service reminder alerts may search their home address on the new online service calendar available at www.lawrenceks.org/swm/service-reminder.

Customers can then:

- Sign up for collection reminders by email, phone call, and text message.
- Download their collection schedule into iCal, Google calendar, or Microsoft Outlook calendar.
- Print their collection schedule.



Service Reminders:

- ✓ **NEW Mobile App**
- ✓ **NEW Phone Call**
- ✓ **Text Message**
- ✓ **Email**

To learn more, visit: www.lawrenceks.org/swm/service-reminder/

K-12 Student Summer Bus Pass *Bus Pass for students will start on May 1*



Summer gets an early start in Lawrence this year. K-12 students can receive unlimited rides on any Lawrence Transit bus from May 1 until August 31 for only \$10.00.

Riding the bus gives kids the freedom to get around in the summer. The Student Summer Bus Pass is a great way for kids to get to the pool, community centers, parks, the library and shopping.

It is easier than ever to purchase the Student Summer Bus Pass. Beginning April 16, the bus passes will be available at many locations around town.'



Starting April 16

- Dillons stores
- Hy-Vee stores
- The Merc
- City Hall
- Community Building
- East Lawrence Rec Center
- Holcom Rec Center
- Sports Pavilion Lawrence
- Indoor Aquatic Center

Starting May 26 (when they open)

- Outdoor Aquatic Center



This is the sixth year of the Student Summer Bus Pass program in Lawrence. This past year, Lawrence Transit added the K-12 fall and spring passes to provide \$10.00 bus passes to students during the school year. With the spring, summer and fall passes, K-12 students can receive discounted bus service all year long.

For more information about how to ride the bus, visit www.lawrencetransit.org or call (785) 864-4644.

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Committed to providing excellent city services that enhance the quality of life for the Lawrence community