



INFRASTRUCTURE UPDATE

15th Street Pump Station Upgrade and Sewer Separation Project

CONSTRUCTION COMPLETED: **OCTOBER 2022**

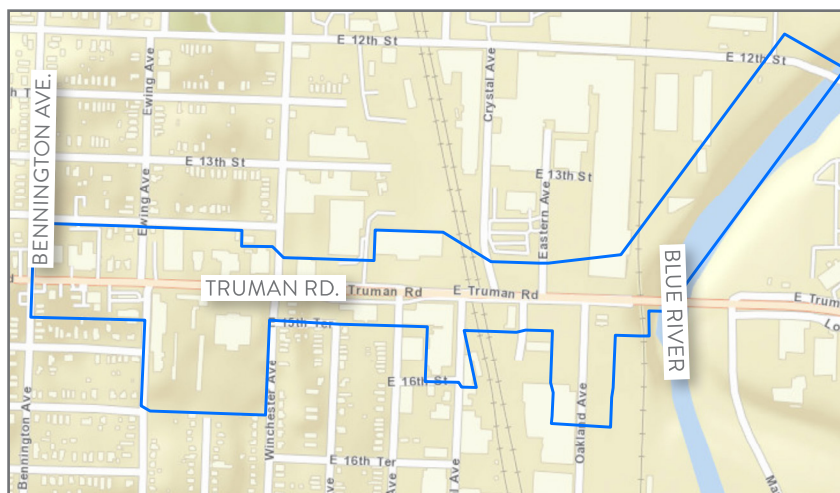
TOTAL PROJECT AMOUNT: **\$5,000,000**

KC Water designed and constructed important improvements to the wastewater system in your neighborhood. This project involved separating the existing combined sewer system into separate storm and sanitary sewers, as well as decommissioning the existing 15th Street Pump Station and redirecting sanitary flows to the existing 12th Street Pump Station. Now complete, the project improved the capacity of the wastewater collection system and reduced the volume of sewer overflows into local waterways and the potential for basement backups.

PROJECT AREA

THIS PROJECT IS LOCATED WITHIN THE LOWER BLUE RIVER BASIN. THE BOUNDARIES ARE:

- NORTH: E. 14TH STREET
- SOUTH: E. 12TH STREET
- EAST: BLUE RIVER
- WEST: BENNINGTON AVENUE



REPORT A PROBLEM:

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15TH STREET PUMP STATION UPGRADE AND SEWER SEPARATION PROJECT

WHAT'S WAS DONE?

This project included:

- Separating approximately 22 acres of the City's combined sewer system
- Redirecting sanitary flows to the existing 12th Street Pump Station
- Decommissioning the existing 15th Street Pump Station

WHY SEPARATE THE SEWERS?

Kansas City's combined sewer system carries both stormwater and wastewater. When it rains, wet weather flows overload the system, resulting in overflows discharged directly into local waterways, as it was originally designed. To reduce these combined sewer overflows, KC Water is increasing wet weather flow capture to wastewater treatment plants in targeted areas of the City. These projects help improve water quality while protecting our natural environment and public health.

WHO'S DID THE WORK?

KC Water was assisted by its program manager, Burns & McDonnell; its design professional, George Butler Associates; and its construction contractor, SheDigs It, LLC.

WHAT'S THE "CONSENT DECREE"?

In 2010, the City of Kansas City, Missouri entered into a federal Consent Decree with the United States Environmental Protection Agency to reduce the volume of overflows from the City's sewer system. KC Water's Smart Sewer program is a 30-year effort to address this challenge. The 15th Street Pump Station Upgrade and Sewer Separation Project is one of more than 100 projects being implemented by the Smart Sewer program, and was required by the Consent Decree to be completed by December 31, 2022.



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