



## Getting to know CSO: A breakdown of upcoming projects and sewer rate changes.

### Combined Sewer Overflow Long Term Control Plan (CSO LTCP) Project Details/Timeline:

- The city's LTCP started with the completion of the Water Pollution Control Plant in 2003. In 2008 it continued with the tunnel project and Pearl River lift station and moved on with the completion of the Durkees Run/Earl Avenue project in 2015. This next phase of the LTCP is set to be completed by 2019.
- The Brown Street LTCP Project includes interceptor sewer from the Cincinnati Street tunnel extension, the city completed previously, east along Brown Street, then northeast along Erie Street to the structure previously completed with the railroad relocation on Union Street. It is then followed by a connection point and sewer from the Market Square area to Erie Street. The new 4.2 million gallon storage tank will be built along the river at the Greenbush Street overflow, near the city dump and Lybolt Field.

### Construction Schedule

- **Brown Street Sewer, Phase 1 – Started October 2016 through Spring 2017**
- **Brown Street Sewer, Phase 2 – To Start Spring 2017 through Fall 2018**
- **CSO Storage Tank, Phase 3 – To Start Spring 2017 through Summer 2019**

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### City of Lafayette Sewer Rate Changes:

- **The city's sewer rate will increase by 27% over the next three years.** City residents can expect to see a 16% increase in 2017, followed by a 6% increase in 2018 and another 5% increase in 2019. Phasing-in the increase allows residents to adapt to a gradual increase over time, making it easier to set household budgets accordingly. The phased increase also ensures the city's responsibility to improving waste water service and maintaining accountability for the CSO LTCP timelines and benchmarks.

### Billing Analysis

- **Average 3,000 Gallons User:**
  - 2017 per invoice increase = \$3.45
  - 2018 per invoice increase = \$1.50
  - 2019 per invoice increase = \$1.31

- **Average 4,000 Gallons User:**
  - 2017 per invoice increase = \$4.37
  - 2018 per invoice increase = \$1.90
  - 2019 per invoice increase = \$1.66

**TOTAL: 3-Year, Per-Month Increase = \$6.26**

**TOTAL: 3-Year, Per-Month Increase = \$7.93**

Over the next three years, depending on usage, the average resident will see an increase of approximately \$6.00 to \$8.00 for their city sewer service. The 2017 increase starts March 1st.



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## Project Description

### Brown Street Sewer, Phase II

The proposed sewer, which is required under the approved CSO Long Term Control Plan is needed to store and convey wet weather flows to the Pearl River Lift Station. The proposed Phase II of the Brown Street Sewer project is located on the northwest side of Lafayette approximately 1,000 feet north of Main Street. It will extend from a point just south of the intersection of Erie Street and Union Street and continue southwest along Erie Street, then northwesterly to a point near the intersection of Brown Street and 13<sup>th</sup> Street, then along Brown Street to a point just west of the intersection of Brown Street and 3<sup>rd</sup> Street.

Phase II of the Brown Street Sewer project includes approximately 4,230 linear feet of 72 inch diameter gravity sewer, approximately 390 linear feet of 84 inch gravity sewer, and approximately 25 linear feet of 96 inch gravity sewer. The design will include green infrastructure features to reduce the potential for sewer surcharging and reduce the overall stormwater loading to the City's CSO system. Additionally, a new backflow preventer will be installed at the existing CSO 002 outfall structure to prevent backflow from the Wabash River entering the City's sewer collection system. The construction will also include modifications to the existing CSO 002 headwall structure to accommodate the backflow preventer.

## Project Description

### Greenbush CSO Storage Tank

The City of Lafayette's approved Combined Sewer Overflow Long Term Control Plan (CSO LTCP) requires full treatment of wastewater flows and a level of control of no more than four (4) CSO overflows during a typical year. To achieve this level of control, the recommended plan was divided into four sub-phases (Phase II-A, II-B, II-C and II-D). As a component of Phase II-B, the City is required to plan, design, construct, and place into operation a 4.2 million gallon (MG) CSO storage tank in the area near the existing CSO 001 diversion structure by the year 2020. The Greenbush CSO Storage Tank is required to store and convey wet weather flow to the Lafayette Waste Water Treatment Plant (WWTP) when the WWTP has capacity thereby improving the water quality in the Wabash River.

The Greenbush CSO Storage Tank project includes a 4.2 MG covered below grade storage tank, a building to house electrical and SCADA components, pumps and related equipment for tank dewatering in compliance with IDEM standards, a screening, and backflow prevention at a newly constructed CSO 001 outfall from the proposed 4.2 MG storage tank. Additional project components include yard piping, site work (including grading), and SCADA integration.

***“Having a robust CSO control plan is essential to a city’s public health, environmental responsibility and ability to meet the capacity needs of residents and businesses.”***

These maps show complete phasing of CSO projects and specific locations. Lane restrictions and road closures in the Brown and Erie streets area are expected to start in the Spring.

