



MSD

Louisville and Jefferson County Metropolitan Sewer District
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Beechwood Village Sanitary Sewer Replacement Project Information Sheet April 2007

Project Background

The Beechwood Village area is one of the major projects identified in MSD's Consent Decree agreement with the United States Environmental Protection Agency (EPA). The project area, as shown on the attached map, consists of approximately 585 homes with most being served by two parallel, sanitary sewer lines that run along each side of the street. Many of the residences in the area have the typical sanitary sewer service to their basements via gravity or sanitary ejector pumps. Unfortunately, there are property owners currently with basement sump pumps connected to the sanitary sewer system. These sump pumps illegally discharge ground water directly into the sanitary sewer system.

During rain events, the sanitary sewers are overwhelmed with the wastewater and the groundwater trying to enter the pipes. To avoid creating sewer backups to homes with basement sanitary sewer service, MSD has been placing portable pumps in Beechwood Village area manholes to pump the excess water from the sanitary sewers into the storm sewer system (pipes and ditches). This pumping situation creates "man made" sanitary sewer overflows (SSOs).

MSD is under a Federal mandate – from EPA- to eliminate the pumped SSOs in the project area and to reduce the amount of clean groundwater entering the sanitary sewer system. This project is intended to accomplish Federal mandate in the timeframe required by the EPA.

Frequently Asked Questions

1. What work is being planned?

MSD will install new sanitary sewer lines within the right of way of all streets. All residents will then be connected directly to this new line through a new property service connection (PSC). The internal plumbing of some of the homes will need to be modified so that clean water and sanitary water exit the house in separate pipes. The sanitary connections will be connected to the new sanitary sewer system, and the clean water discharge point will remain as it is today – either connected to the old pipe system or discharging to the ground.

2. What will happen to the existing sewers?

MSD will be responsible for connecting your sanitary sewer facilities to the new sanitary sewer line. The existing sewer lines will be used for storm water collection. Only the existing sump pumps that are connected to the system will be allowed to remain connected to the system.

3. Who will pay for these improvements?

MSD will cover the cost of all improvements, including the cost to modify the internal plumbing in your house to connect to the new sewer system.

4. How will MSD know what to do to the plumbing within my house?

MSD representatives will need access to every home in the project area to inspect the current plumbing. This is a necessary task to ensure that the construction contractor will know what work is needed for the proposed improvements. The amount of time required to gain access to all basements will have a direct effect on the date which construction can begin. The faster MSD representatives can complete the basement surveys, the sooner construction can begin. Property owner cooperation will be essential in the successful completion of this



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