



Project WIN (Waterway Improvements Now) is a program required by a Federal Amended Consent Decree to control sewer overflows and improve stream/river water quality in Louisville Metro.

Although MSD is working to correct the problem with proven technologies, addressing these problems is difficult and expensive. It's a big job and it will take all of us working together, both in effort and investment, to make this Project WIN initiative a success.

Be Part of the WINning Team and Know Where It Goes!

To learn more about Project WIN and how YOU can get involved, visit us online at www.msdpjprojectwin.org.



MSD Advises – Play it Safe with Sewer Overflows

To protect public health and improve the quality of water in our streams, MSD is working diligently to prevent pollution from entering our waterways.

The solutions will take time to

implement so please follow these precautions to ensure your safety during a sewer overflow:

- Watch for and obey caution signs posted by MSD.
- Avoid contact with streams, rivers, drainage ditches and standing water both during, and for 48 hours after a rainfall.
- Keep children and pets out of ponds, creeks, streams, drainage ditches and other places that receive stormwater or sewer overflows.
- Be sure to thoroughly wash your hands with warm, soapy water if contact occurs with contaminated water, especially before handling food.

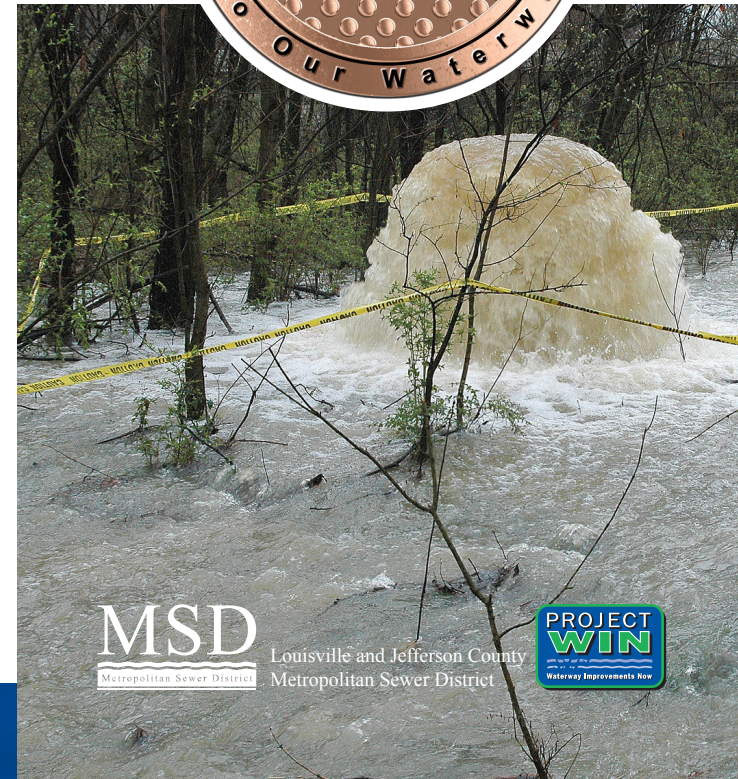
If you have questions about SSOs, or if you see one flowing in dry weather, call MSD at (502) 587-0603.



Louisville and Jefferson County
Metropolitan Sewer District
www.msdpjprojectwin.org
700 West Liberty Street
Louisville, KY 40203-1911

SSO

SANITARY SEWER OVERFLOWS IMPACTS ON LOUISVILLE'S WATERWAYS



Louisville and Jefferson County
Metropolitan Sewer District



Sanitary Sewer Overflows (SSOs)

SSOs are the result of excess stormwater and groundwater entering pipes designed solely to carry sewage for treatment. Excess ground or stormwater can enter these pipes through cracks in deteriorated lines, from tree root damage, sump pumps, roof downspouts and area drains that are illegally connected to the sanitary sewer from individual properties. This entry



of unintended water to the sewer systems uses pipe capacity intended for wastewater and can ultimately result in SSOs.

Although MSD is working to eliminate SSOs, the solutions

will take time to implement. MSD alerts the public when overflows occur by posting signs, providing information directly to the nearby community and putting up-to-date information on our website.



Beargrass Pump Station

How MSD Reduces SSOs

1. **KEEPS** stormwater out of the sanitary sewer system.
2. **STORES** excess water and release it into the sewer lines when there is no rain, and the sewers have greater capacity.
3. **TRANSPORTS** excess water through new, larger pipes and into the treatment plant.
4. **TREATS** excess water before it's discharged into streams and rivers.

Know Where It Goes and Help Reduce Sewer Overflows

Residents of Louisville Metro can immediately make a difference in the quality of our streams and rivers. **Be Part of the WINning Team** by doing these simple steps:

Eliminate Connections

- Ensure that downspouts, driveway or foundation drains, sump pumps and other stormwater connections are disconnected from both the combined sewer and sanitary sewer systems.
- Have a plumber inspect the connection from your private sewer line to the public sewer line for breaks or cracks. Repairing these lines where needed can reduce overflows and backups.
- Plant rain gardens and/or install rain barrels to minimize the effects of and control the flow of excess stormwater.

Conserve Water

- Reduce your household water use (washing machine and dishwashers) during and immediately after heavy rains to minimize the volume of water flowing into the sewer system.
- Plant drought-tolerant vegetation and reduce your need for lawn irrigation.

Prevent Water Pollution

- Keep catch basins free of debris and waste. Dispose of pet waste and gutter debris in trash cans and compost leaves and grass clippings.
- Bring your household hazardous wastes to the Louisville Metro Haz-Bin drop off at 7501 Grade Lane, and take used oil to an approved recycling center.
- Reduce or eliminate your use of lawn chemicals and fertilizers and refrain from applying them 48 hours before or after a rain.

SEWER CAPACITY IMPACTED BY LEAKS AND ILLEGAL CONNECTIONS

