

STREAMLINE

News and Events at Louisville MSD

April 2019

OUR VISION

Achieving Safe, Clean Waterways
for a Healthy and Vibrant Community

Preparing for recreational season

MSD and its contractor Stantec provide annual training for our employees who perform water quality tests, taking samples from 42 locations on our waterways during wet weather. Sampling occurs throughout the day and night during rain and potentially severe weather conditions. We sample for water quality year round but have a particular emphasis during recreational months.



MSD's Jordan Basham demonstrates how to collect water samples along Beargrass Creek.



What you don't see . . .
could harm you!

Sewers can overflow into waterways during rainstorms.

Those waters could contain harmful bacteria, which can make you sick. Rainwater can overwhelm the sanitary sewer system and cause overflows into local waterways. You should minimize contact with waterways to be safe during storms and even for 48 hours after the rain has ended. During these times, avoid swimming, fishing, wading and splashing in the water.



MSD has made significant progress in decreasing sewer overflows into our waterways, but there is more work to be done. Please follow the instructions that are posted



on our overflow advisory signs. Wash with warm, soapy water if you come into contact with water that may have been contaminated by a sewage overflow.



OUR MISSION

Providing Exceptional Wastewater, Drainage
and Flood Protection Services for Our Community

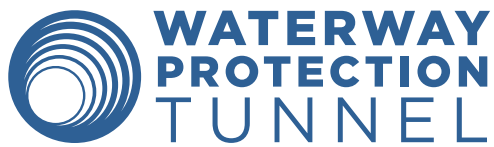
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Paddlefish in the Ohio River can weigh nearly 200 pounds. They look shark-like with a long bill or paddle.



Protecting our environment through underground storage

Louisville waterways are home to numerous species of fish, from bigger fish like paddlefish, blue bass, walleye, and striped bass, that inhabit the Ohio River, to smaller fish that prefer creeks and streams such as darters and longear sunfish. Some of these species of fish, like the paddlefish, were swimming around when the dinosaurs were roaming the planet over 65 million years ago!

At MSD, we want to make it easier for our local fish populations to flourish in our area by greatly reducing the volume of sewer overflows in our waterways. Sewer overflows in the water can reduce oxygen in the water that fish need to breathe. In polluted streams, biologists find fish crowded together in small nonpolluted sections of the stream to access the oxygen.

The Waterway Protection Tunnel and our underground storage basins will help reduce the number of pollutants going into Beargrass Creek and the Ohio River by diverting pollutants that can overflow during rain events into underground storage provided by the basins and tunnel where it is stored until sewer system capacity is available. Then the flow is pumped back into the sewer system and conveyed to our Morris Forman Water Quality Treatment Center for proper treatment and release to the Ohio River.



Ventilation shafts pump fresh air to workers who are 200 feet below ground.



A crew member waits for the muck car train to pass before completing his survey. Muck cars move rock from the boring machine for transport out of the tunnel.

To track the tunnel, visit
LouisvilleMSD.org/Tunnel



Students at Fern Creek High School work from their custom design to install a rain garden on their campus.

Planting for science

A nearly year-long science program at Fern Creek High School culminated with the installation of a butterfly and rain garden at the school. The project is the result of a \$2,000 grant from the Louisville Water Foundation and an education partnership with MSD and Louisville Water Company. Students in Environmental Science teacher Lauren Niemann’s class spent the year researching the impact of urban runoff and



Students work together to bring the rain garden design to life on their campus.

Make plans now!

Ohio River Sweep

Saturday, June 15 · 9 AM to Noon



MSD proudly sponsors Ohio River Sweep with ORSANCO, LG&E and Louisville Water. The event is one of the nation’s largest and longest-running environmental cleanup events.

MSD employees will equip volunteers with gloves and bags.

LouisvilleMSD.org/OhioRiverSweep

Customer **Compliments**

MSD employees **James Redd III** and **Travis Westmoreland** did an excellent job root cutting and flushing the culvert pipe near my home. I appreciate their hard work.

— Sidney Bloom

Thank you to the MSD crew for an excellent job of clearing the paved ditch in my neighborhood. Supervisor **Val Winburn** and his crew of **Casey Bowlin, Virgil Brown, Reginald Gaston, Calbert Kelsey, Shenequa Pearson** and **Mike Young** cleared 270 feet of ditch.

— Robert Miller

I am so happy with the work that was done to help with the drainage problem in my yard. Since MSD performed the work to solve this issue, I have not had standing water during recent rains. I have never met anyone, other than my grandson, who works as hard as **Johnathan Trimble**. Thanks to him and his co-workers **Brian Prinz** and **Shawn Sisk**, who also worked very hard!

— Tina Delk



700 West Liberty Street
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The public is welcome to attend MSD Board meetings.
For MSD Board information and meeting schedule visit:
LouisvilleMSD.org/About-Us/MSD-Board

Upcoming Events

MAY 14
MSD Finance Committee Meeting
3 PM, 700 West Liberty Street

MAY 28
MSD Board Meeting
1 PM, Open Session, 700 West Liberty Street

JUNE 15
Ohio River Sweep
9 AM to Noon, Various locations on the Ohio River
See LouisvilleMSD.org/OhioRiverSweep

JUNE 24
MSD Board Meeting
1 PM, Open Session, 700 West Liberty Street



MSD employees provide gloves and trash bags to Ohio River Sweep volunteers.



Visit the MSD booth at Waterfront Wednesday to register to win a free rain barrel and learn about our Waterway Protection Tunnel project. We will be there May 29, July 31 and August 28 on the Big Four Lawn at Waterfront Park.