Underground storage protects public health and enhances the quality of our waterways

Underground Storage basins and the Ohio River Tunnel are part of MSD’s larger endeavor to prevent sewage from overflowing into Louisville’s waterways. The basins and tunnel are designed to capture rainwater and sewage, which otherwise can overwhelm the sewer system during rain events and flow untreated into our waterways. These underground storage areas retain the mixture of rainwater and sewage until the rain subsides and system capacity is available, then it is gradually released back into the sewer system. At that point, the water is conveyed to one of MSD’s Water Quality Treatment Centers, treated and returned to our local streams or the Ohio River.

Currently, seven storage basins in the combined sewer system—Bells Lane, Clifton Heights, I-64 & Grinstead, Logan Street, Nightingale, Portland and Shawnee Park basins—are in design and construction phases. Muddy Fork and Bancroft—in the separate sewer system—are complete. The tunnel and all the basins are required to be operational by the close of 2020.

Underground Storage Project Updates:
- **Bells Lane**—Construction is nearing completion for this basin and high-rate treatment facility, which will curb sewer overflows into the Ohio River.
- **Clifton Heights**—Construction is well underway for this basin with a Consent Decree Deadline of December 2018. It will provide protection from sewer overflows to the public and Beargrass Creek.
- **I-64 & Grinstead**—This underground basin will offer the public and Beargrass Creek protection from sewer overflows. Construction is scheduled to begin in Summer 2017.
- **Logan Street**—The roof is in place on the basin, which has a completion date of January 2018. It will provide protection from sewer overflows to the public and Beargrass Creek.
- **Nightingale**—Has a completion date of December 2017. It will provide protection from sewer overflows to the public and Beargrass Creek.
- **Portland**—Construction is to begin in Summer 2017. The underground basin will provide sewer overflow protection to the public and the Ohio River.
- **Shawnee Park**—Construction for this basin has begun. It will provide protection from sewer overflows to the public and the Ohio River.
- **Ohio River Tunnel**—The 20-24 feet diameter tunnel will be approximately 200 feet below the surface. Construction will begin in Fall 2017. It will offer the public and the Ohio River protection from combined sewer overflows.

We want to hear from you

Louisville is faced with aging infrastructure that must be maintained and refurbished in order to continue to serve a growing community. MSD has an extensive analysis of these systems and a Critical Repair & Reinvestment Plan to address the challenges posed by this aging infrastructure.

Go to any public library branch, or visit [LouisvilleMSD.org/CriticalRepairPlan](http://LouisvilleMSD.org/CriticalRepairPlan) to review the plan and submit your opinion.
Pitching in for Mayor’s ‘Give-A-Day’

MSD employees—along with Louisville Water, Dropseed Nursery and Stantec—generously contributed 200 service hours to Louisville Metro Mayor Greg Fischer’s sixth annual “Give-A-Day” week of public service, April 18–24.

**Employees participated in trash pickup along:**
- Beargrass Creek (two stream cleanups)
- Maupin Elementary School (rain garden workshop)
- Downtown streets (trash cleanup)
- Riparian restoration and tree planting (Bartley Drive)

**Thank you to these participants:**

**MSD**
- Jill Allen
- Dane Anderson
- Joey Ashby
- Zach Baird
- Tim Barrett
- Jordan Basham
- Julie Blanford
- Steve Blanford
- Whitney Boles
- Rhonda Boyle-Crotzer
- Craig Calvert
- Gary Coates
- Chad Collier
- Tamika Davis
- Nicole DeShurko
- Alex Dubrovensky
- June Embers
- Miriam Fisher
- Sonja (Smith) Franklin
- Dan French
- Sameer Ghare
- Saundra Gibson
- Tony Glore
- Angela Gowdy
- Chris Gregory
- Kandyce Groves

**Louisville Water**
- Nick Herberger
- Jesse Jewell
- Wayne Mattingly
- Joseph Oliver
- Beau Newton
- Saundra Walker

**One Water**
- Tom Luckett

**Dropseed Nursery**
- Elizabeth Kuhn
- Margaret Shea

**Stantec**
- Christina Black
- Vince Bowlin
- Robert Huckaby
- Caitlin Johnson
- Shane Kelley
- Tahnee Qualls

**Thank you to these participants:**

- Lisa Hardley
- Sharise Home
- Dedra Houston
- David Johnson
- Debbie Johnson
- Tony Kelly
- Sharlie Khan
- Sheryl Lauder
- Loren Levitz
- Nelson Little
- Jacob Mathis
- Mike McGehee
- Eldra McWhorter
- Barbara Mendelsberg
- Yajaira Morphonios
- David Mulloy
- Dana Price
- Stacy Pritchard
- Lori Rafferty
- Connie Rhodes
- Barbara Roberson
- Kim Robinson
- Joy Ross
- Matt Schaaf
- Brad Selch
- Wes Sydnor
- Alex Talbott
- Joe Wagner
- Erin Wagoner
- Eric Weidner
- Tony Kelly
- Matt Schaff
- Brad Selch
- Wes Sydnor
- Alex Talbott
- June Embers, Eldra McWhorter and Yajaira Morphonios participate in a stream cleanup at Beargrass Creek.

Mike McGehee, Tim Barrett, Joe Wagner, Barbara Mendelsburg and Stacy Pritchard are ready to go clean the streets.

Lori Rafferty and Lisa Hardley collect trash along Beargrass Creek.

Above: Alex Talbott loads the dumpster at Beargrass Creek.

Right: Nelson Little collects discarded coolers along Beargrass Creek.
Protecting your home from flooding and backups

Water from falling rain and melting snow usually absorbs into the ground or flows into nearby creeks and streams through natural drainage paths and specialized stormwater systems. However, serious problems can occur when stormwater drains directly into the system intended for wastewater from dishwashers, sinks, showers, toilets and tubs.

How MSD Can Help

Our Plumbing Modification Program is available to MSD customers who have experienced a rain-related sewer backup through a basement plumbing fixture—floor drain, sink, toilet, shower—or who live in an area of documented wet-weather backups. Through this program, MSD pays a licensed plumbing contractor to install the appropriate backflow prevention devices based upon your plumbing layout. This may involve the installation of valves in your basement floor or outside the foundation of your home, the installation of a sump pump (as shown above) and the disconnection of your floor drain from the sewer, or a combination of both.

For information about how you can benefit from the MSD Plumbing Modification Program, please contact our Customer Relations Department.

Phone: 502.587.0603
Email: CustomerRelations@LouisvilleMSD.org

 MSD Milestones

Welcome to MSD
Edward Elam, Seasonal Employee
Andre Gardner, Utility Trainee
Lewis Geary, Seasonal Employee
James Krebs, Utility Trainee
Mike McGehee, Engineer II
Marvin McKinley, Seasonal Employee
DJ Owen, Facilities Services Administrator
Alicia Ricketts, Lab Technician II
Dolly Smith, Project Controls Specialist

Congratulations on your promotion/reclassification
James Bridges, Treatment Facilities Maintenance Manager
James M. Brown, Utility Leader
Larry Cummings, Utility Worker III
Steve Hardin, Utility Worker III
Mike Hirth, Auto/Heavy Equipment Tech II
Brian Lawson, Process Technician Trainee

Happy service anniversary
25 years  Debbie Miller
5 years  Chey Burkhead  Derek Ramsey
        Chad Collier  Robert Rosengarn III
        Ricky Haycraft  Audrey Sedlock
        Jacob Mathis  Ron Simpson
        Pat Meador

Congratulations on your retirement
Johnny Williamson

Customer Compliments

I really appreciate the work that Johnny Caudill, Cary Smith, Troy Smith and Morris Tolbert did in my neighborhood. I was very impressed with their professionalism and the planning that went into this project, which they executed flawlessly. All of my neighbors who were affected by this are equally pleased.
— Charles Clark

We would like to say thank you to Stacey Witten for being so friendly and professional when she took our call. We had an issue that we could not resolve ourselves. She told my husband she would have someone come to our house and check it out. Ellis Anderson IV and Kelvin Wilson were here in no time. They fixed the issue, and our drains were running freely. Thank you so much for all you do!
— Tom and Mary Dooley

I called Customer Service to report that a grate on Arnoldtown Road was sticking up out of the culvert. Leila Cunningham answered the phone and brightened my day. She was delightful to talk to. I believe that any MSD customer that talks to her will have a great experience interacting with MSD. Leila projects a positive image of MSD to the community.
— Tom Luckett
Volunteer and make a difference!

Ohio River Sweep
Saturday, June 17 · 9 AM to Noon

MSD proudly sponsors Ohio River Sweep with ORSANCO, LG&E and Louisville Water. MSD employees will equip volunteers with gloves and bags. For location information visit: LouisvilleMSD.org/OhioRiverSweep2017