

STREAMLINE

News and Events at Louisville MSD

July 2017

OUR VISION

Achieving Safe, Clean Waterways
for a Healthy and Vibrant Community

Basin? What basin?

The **Logan Combined Sewer Overflow (CSO) Basin** is now underground with a layer of soil on the roof. Work is ongoing for the above ground control facilities, and connecting the 96-inch diameter gravity interceptor pipe that brings wastewater and stormwater into the basin. This project remains on schedule for a completion date of January 2018.

When finished, it will provide protection from sewer overflows to the public and Beargrass Creek. *(Basin update continues on page 2)*



Above: A crane lifts a piece of the Logan CSO Basin interceptor pipe.

Below: Soil is leveled on the roof of the Logan CSO Basin.



MSD gains new Board Member

On Wednesday, June 28, the Board unanimously confirmed Louisville Metro Mayor Greg Fischer's appointment of **Marita Willis** to the MSD Board representing Senatorial District 20. Willis serves as Major Gift Officer for the American Red Cross and as a board member of Kentucky Youth Advocates. She served on the Louisville Water Company's Board of Water Works until May of this year.



OUR MISSION

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

24/7/365

502.587.0603 · CustomerRelations@LouisvilleMSD.org



Basin update (Continued from page 1)

Digging continues for the **Shawnee Park Basin Project**. This 20-million-gallon underground structure will be empty most of the time. When it rains, untreated wastewater and stormwater are captured and stored in the basin instead of overflowing into the Ohio River. The water is stored in the basin until capacity is available in the sewer system. The contents of the basin are then pumped to the Morris Forman Water Quality Treatment Center. The floor of the basin is then cleaned using flushing gates.

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, Nightingale, Portland and Shawnee Park basins—are in the construction phase. Muddy Fork and Bancroft—in the separate sewer system—are complete.

Below: The footprint of the Shawnee Park Basin is now visible.



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 August 2017.

Logan Street—This basin 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 has begun on this underground basin, which will provide sewer overflow protection to the public and the Ohio River.

Shawnee Park—Construction is well underway. 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.

Shawnee Park Basin leaves lasting positive impact

The 48th annual Dirt Bowl tournament is taking place on newly remodeled basketball courts at Shawnee Park. The upgrades—including new backboards, two rubber-coated courts, fresh paint, bleachers, scoreboard and a new sound system—are part of MSD’s \$60 million Shawnee Basin Project. The basin is required by our federal Consent Decree to reduce sewer overflows into the Ohio River.

The agreement with Louisville Metro Parks to locate the Basin within the Great Lawn of Shawnee Park, includes monies for use by Metro Parks to preserve and restore the historic nature of Shawnee Park. When the underground basin is complete, the Great Lawn will be restored for recreational use. You won’t even know it is there—underground—keeping the Ohio River safe from sewer overflows.



MSD Executive Director Tony Parrott addresses the crowd at the dedication of the newly renovated basketball courts in Shawnee Park. The agreement to build the basin under the Great Lawn in Shawnee Park included monies for use by Metro Parks for improvements to the historic park.



MSD Operations staff visit Scottish Water as part of SEEIT.

Exchanging information across “the pond”

Louisville MSD is proud to be one of 11 public utilities awarded travel scholarships from the Leadership Innovation Forum on Technology (LIFT) Scholarship Exchange Experience for Innovation (SEEIT). This program allowed three of our Operations staff to travel 2,000 miles to visit six wastewater treatment facilities in the United Kingdom in May. MSD Research Director **Zonetta English**, Treatment Facilities Director **Alex Novak** and Process Supervisor-Operations **James Skinner** could see first-hand innovative solutions for Biosolids Processing. This trip is a vital part of the research as MSD evaluates and plans capital improvements to our biosolids processing at our Morris Forman Water Quality Treatment Center (WQTC). This facility is the oldest and largest wastewater treatment plant in Kentucky and has been in operation since 1958. This trip provided invaluable experience for our staff to view and ask questions of those that operate innovative biosolid processing systems daily.

MSD Milestones

Welcome to MSD

- D. Wayne Dunn Jr.**, One Water Fleet Services Administrator
- Zachary Kilgore III**, Utility Trainee
- James Moss**, Maintenance Mechanic I
- Donte Samuels**, Utility Trainee
- Darryl Smith**, Utility Trainee

Congratulations on your promotion/reclassification

- Jordan Basham**, Engineer II
- TaShonda Claycomb**, Customer Relations Specialist
- Sandra Conner**, Internal Auditor
- Jeffery Owens**, Utility Worker III
- Matthew Schaaf**, Engineer I
- Troy Wethington**, Utility Worker II

Welcome to a new role

- Ronald “Bud” Chesser**, Utility Trainee, Sanitary Department
- Paul Russell**, Maintenance Mechanic III

Happy service anniversary

- 25 years** Robin Bowling
- 15 years** Tony Glore
- 10 years** Scott Davidson Theresa Singleton
- 5 years** John Armistead Casey Bowlin Jr.

Congratulations on your retirement

- Robin Ferrell** Steve Riley

**MSD is available 24/7
at 502.587.0603**

Report a sanitary sewer backup before contacting a plumber. Determining if the problem is located on the public side of the system will help to avoid unnecessary plumber expense.

Resolving drainage issues for our community

Drainage initiatives have been approved for these areas:

- Gerber Avenue
- Parkwood Road
- Glen Oak Drive
- Ward Avenue



MSD Drainage crews work to maintain drainage ditches throughout the county—excluding the cities of Anchorage, Jeffersontown, St. Matthews and Shively that provide drainage services for their residents.

Project DRI (Drainage Response Initiative) invests in neighborhood drainage improvements throughout Louisville Metro. The dedicated capital funding and crew work conducted annually under this program have enhanced Louisville Metro’s drainage system and decreased localized flooding and standing water for our customers.



Left, an MSD crew member works to clear plant growth that has obstructed the flow of stormwater. Above, is the newly cleared channel.

Customer **Compliments**

Ron Smith explained to me step-by-step the work taking place in my yard. I appreciate his patience. Thanks to the rest of the crew: **Andre Gardner, Maurice Nichols** and **Leshawn Thomas.**

— Sherry Abell

The crew that cleaned the ditch near my house did an excellent job, and they were very professional.

My thanks to **Virgil Brown, Michael Evans, Stephen Prestigiacom** and **Derek Shields.**

— Ronald Block

The drainage ditch regrade in my yard was done in an excellent manner, including fresh seeding with a straw mat. Some of the grass is already coming up! **Johnny Caudill, Cary Smith, Troy Smith** and **Morris Tolbert** were very courteous and expedient in accomplishing the task. They even cut the sod out of the ditch and laid it in a pile so that I could use in other parts of my yard. I thank them for doing such a good job!

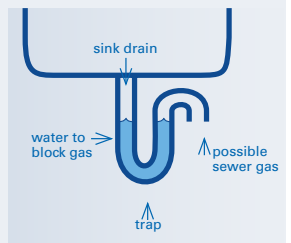
— Ron Carter

Sewer odor...a smelly nuisance

Sometimes pipes and drains connected to sewer systems smell like rotting eggs. Sewer odor is also known as hydrogen sulfide. It forms naturally as sewage and other materials decompose. Weather, speed of wastewater flow and other factors can help it develop.

While sewer odor is unpleasant, it is not a serious threat to people, animals or plants in the small concentrations that may develop at most homes and commercial buildings.

Both indoor drains and the sewer system are designed to keep sewer odor from escaping. Most outdoor catch basins feature water traps that keep sewer odor from seeping out. Adding a few gallons of fresh water in the drain usually solves the problem in most homes.



If odors persist, check under sinks for drain pipe leaks.

If you smell sewer odor near outside catch basins, contact Customer Relations Department at **502.587.0603** or **CustomerRelations@LouisvilleMSD.org**. Tell us the specific location so the problem can be corrected.

MSD supports Ohio River Sweep for 28th year

The Ohio River Sweep—one of the nation’s largest and longest-running environmental cleanup events—was held Saturday, June 17. River Sweep is sponsored by the Ohio River Valley Water Sanitation Commission (ORSANCO), and locally by MSD, Louisville Water Company and LG&E. MSD’s **Rhonda Boyle-Crotzer** coordinates Jefferson County’s leg of the sweep. **Dane Anderson, Charlotte Baker, Lanita Grimes, Mary Landgrave, Loren Levitz, David Mulloy, Robin Shaw** and **Dolly Smith** were the hosts for seven locations along Beargrass Creek and the Ohio River. These sites stretch from Hays Kennedy Park, in the northeast, to Riverview Park in the southwest. MSD’s **Robin Ferrell** coordinated our crews for proper trash removal.

MSD thanks the volunteers who continue to help us realize

**Our Vision—Clean, Safe Waterways
for a Healthy and Vibrant Community.**



ABOVE: Volunteers comb the banks of the Ohio River for trash.



LEFT: MSD’s Robin Shaw and Alex Novak equip volunteers with gloves and bags.

BELOW: A group of Boy Scouts have made River Sweep an annual tradition.

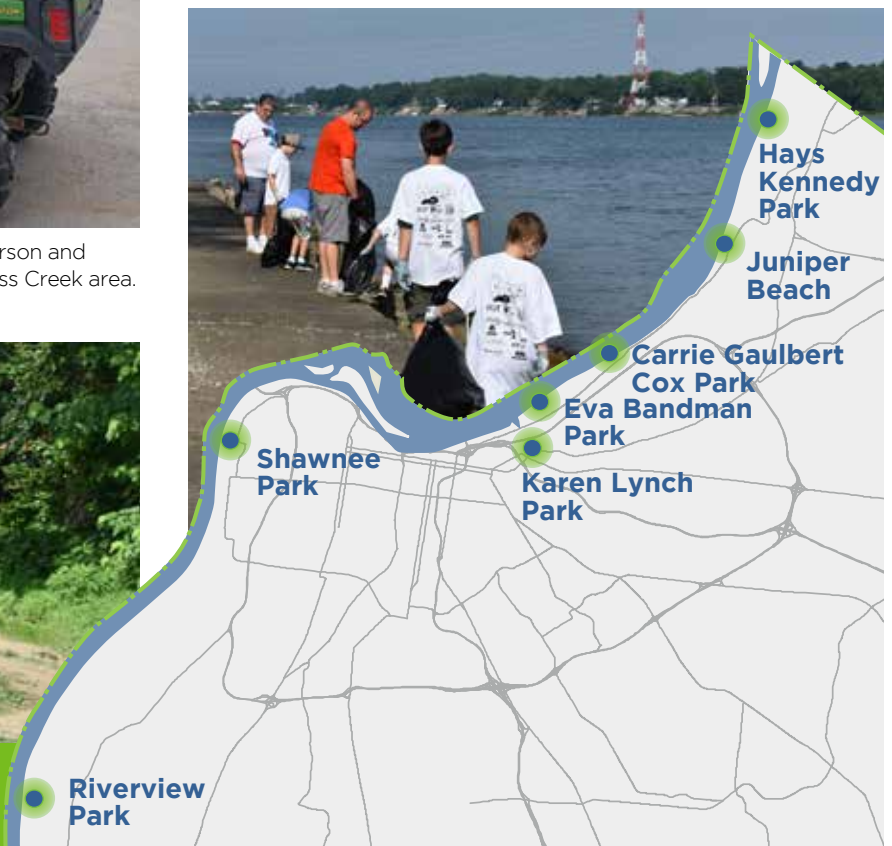


ABOVE: MSD’s Leslie Graham, Phillip Bradley, Dane Anderson and William Baskette collect bags of trash from the Beargrass Creek area.

BELOW: A volunteer hauls out trash at Eva Bandman Park.



**Join us next year!
River Sweep—June 16, 2018**





700 West Liberty Street
Louisville, KY 40203-1911



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MSD Board information:
You can find information about
MSD Board actions on our website,
msdrecords.LouisvilleMSD.org

The public is welcome to attend MSD Board meetings.
Access <http://msdrecords.louisvillemsd.org/openmsd/board.aspx> for the full schedule of both regular and Board committee meetings.

Upcoming Events

JULY 7

MSD Supplier Diversity Program Orientation
9 am, 700 West Liberty Street

JULY 11

MSD Audit Committee Meeting
4 pm, 700 West Liberty Street

Ohio River Tunnel Update Meeting—Irish Hill and Butchertown
6:30 pm, Girl Scouts of Kentuckiana, 2115 Lexington Road

JULY 19

Ohio River Tunnel Update Meeting—Downtown Stakeholders
2 pm, 700 West Liberty Street

JULY 20

MSD Personnel Committee Meeting
2 pm, 700 West Liberty Street

JULY 24

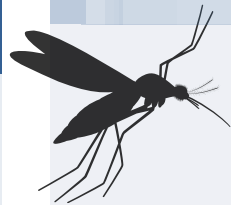
MSD Board Meeting
1 pm, Open Session, 700 West Liberty Street

JULY 25

I-64 & Grinstead CSO Basin Pardon Our Dust Meeting
6:30 pm, Girl Scouts of Kentuckiana, 2115 Lexington Road

JULY 26

Doing Business with MSD
9 am, 700 West Liberty Street



Controlling mosquitoes in our catch basins

MSD has partnered with Louisville Metro Public Health and Wellness Department to routinely test and treat for mosquitoes in the coming months. The city routinely tests mosquito populations as part of the insect-control program, which includes controlling mosquitoes in MSD's 24,000 trapped catch basins within the combined sewer system.

