

Update

JULY 2006

Web site focuses on flood hazard

A new Web site will soon be available to provide access to flood hazard information and to serve as a more proactive floodplain management tool.

The site, www.loumetrohazmap.org, was created by a team led by MSD's Randy Stambaugh and Julie Buckler. Funded by a grant from the Federal Emergency Management Agency, the team included representatives from the Commonwealth of Kentucky, University of Louisville, Metro Emergency Management, FMSM Engineers and floodplain management experts.

Visitors to HazMap can access various floodplain management data, including hydrologic and hydraulic models, letters of map change, elevation certifications and floodplain permits. In its initial phase, HazMap focuses on flooding, which is the area's primary natural hazard threat.

see "Web..." on page 3



Louisville Metro Hall is protected against Ohio River flooding by the flood wall, but has the added protection of being elevated above the 100-year flood hazard level, according to HazMap, the community's new natural hazard portal.

"Our team was encouraged to prepare a plan for HazMap's next phase."

Customer rates still below national average

Beginning August 1, stormwater and wastewater services rates will increase by 6.9 percent for all MSD customers.

"By working with the U.S. EPA and Kentucky Environmental and Public Protection Cabinet, we're focusing on improving our system's infrastructure to make our area waterways cleaner. These projects require a significant investment from MSD and our customers," said Finance Director Marion Gee.

Average monthly residential wastewater rates will increase by \$1.35 from \$19.84 to \$21.19 and monthly stormwater drainage fees will rise by 32 cents to \$5.02.

"Our customer rates remain among the lowest in the nation, despite the increase," said Executive Director Bud Schardein. In 2005, the average national residential wastewater customer paid \$24.09 per month, according to the National Association of Clean Water Agencies.

Schardein met with customers during a public hearing on the proposed rates on June 8. Four individuals discussed the rate increase; one was opposed and three were in favor of the increase.

CONNECT WITH MSD

502-540-6000

24/7 Customer Service:
587-0603

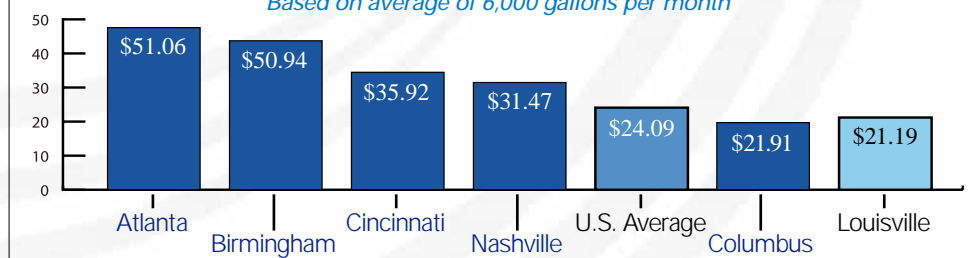
www.msdlouky.org

TDD/TTY: 540-6233

En español: 540-6423
(Entre 8 mañana y 5 p.m.
lunes a viernes)

Average Monthly Residential Wastewater Bill

Based on average of 6,000 gallons per month



MSD

Upcoming Events

July 6
DiverseWorks for You
Certification Orientation, 9 a.m.
700 W. Liberty, first floor

July 10
MSD Board Meeting, 10 a.m.,
700 W. Liberty, first floor

July 24
MSD Board Meeting, 10 a.m.,
700 W. Liberty, first floor

Customer help available 24/7
MSD offices will be closed on
Tuesday, July 4. For emergency
service anytime, phone MSD's
Customer Relations Department at
587-0603.

MSD Milestones

Welcome to MSD:
Malcolm Hamby, Utility Trainee
Robert Little, Operator-In-Training

We will miss:
Mike Hardy, Utility Leader,
retiring July 1.

Congratulations on
your promotions:
Kenneth Alford, Utility Worker II
Anthony Bradford, Utility Worker III
Nate Elliott, Utility Worker III
Brian Hess, Utility Worker II
Jesse Johnson, Utility Worker II
Stephon Mayes, Utility Leader
Tom Mullins, Utility Leader
Charles Powers, Utility Worker II
Andre Reese, Utility Worker II
Brian Sivado, Field Engineering
Technician
Greg Thornton, Utility Leader

Changing the Pace:
Arnett Henderson, from Drainage
to Physical Assets

Area Team News

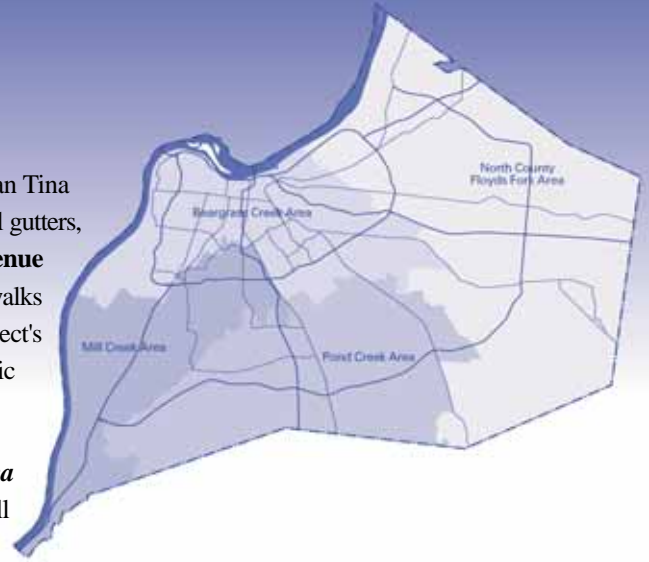
Beargrass Area Team: Metro Councilwoman Tina Ward-Pugh and MSD have partnered to install gutters, curbs and catch basins along **Cleveland Avenue** from University Road to Pryor Avenue. Sidewalks and driveways also will be replaced. The project's \$124,050 cost will be shared by Metro Public Works Department and MSD.

Floyds Fork/North County/Operations Area Team: A series of rehabilitation measures will be constructed at the **Starview Wastewater**

Treatment Plant in Middletown. Concrete walls and a concrete shell will replace deteriorating metal tanks used at the plant. The \$95,000 project will extend the plant's service.

Pond Creek/Mill Creek Area Team: Drainage facilities, including a detention basin along **Big Run Ditch**, will be constructed to improve drainage in the Forest Hills neighborhood. Nearly two-thirds of the project's \$710,066 cost will be paid by Louisville Water Company to manage overflows from its Cardinal Hill Reservoir in the neighborhood.

Additional improvements will correct long-standing flooding problems along **Grade Lane** between Melton Avenue and the Northern Ditch. Improvements costing \$40,116 will serve more properties than previously planned and avoid unforeseen conflicts with underground utilities.



Drainage Response Initiative Projects

The Project DRI partnership between Louisville Metro and MSD is solving drainage problems throughout the community. These projects are ready for construction:

A \$173,000 project along **Carnation Drive** between Morning Glory Lane and Jessamine Lane will include roadside and rear-yard drainage improvements. The project will address 24 service requests and benefit 62 properties.

A pipe and yard drain system will be constructed and driveway aprons will be replaced along **Diamond Way**. Eight service requests will be resolved and 18 additional properties will benefit from the \$62,296 project.

Dover Road and Dohn Avenue will be the location of a \$99,571 project to install paved v-swales and replace driveway aprons. The project will benefit 24 properties and resolve 10 service requests.

Paved v-swales and driveway culverts will be constructed along **Janna Drive**, and portions of Marilee, Patricia and Floradora drives in Valley Station. The \$186,840 project will resolve standing water and yard flooding in response to 12 service requests. Seventy-three properties also will benefit from the improvements.

Fifteen service requests will be resolved with the installation of rear-yard paved ditches, paved v-swales and the replacement of driveway culverts and aprons along sections of **Pierce Way and Dearing Woods Drive**, as well as Fruitwood Drive and Poplarwood Drive. The \$77,137 project will benefit 49 properties.

Construction of rear-yard drainage improvements is part of a \$77,137 project between **Pixley Way** and Melda Lane and between Pixley Way and Norene Lane. Eight service requests will be resolved and 28 properties will benefit from the improvements to a poorly defined drainage system.

Web site focuses on flood hazard

There are three interactive sections:

- Floodplain management, including an interactive floodplain viewer that plots flood elevation profiles, automated base flood elevation determinations, elevation certificates, floodplain permits, and hydrological and hydraulic model management tools.
- Map maintenance, which supports the review of digital flood insurance rate maps and interacts with FEMA's Mapping Information Platform, to make more accurate and timely changes to local floodplain maps.
- Mitigation support, including a benefit/cost calculator to help determine how future flood damages can be reduced.

A fourth section will focus on natural hazards, featuring maps from Louisville Metro's natural hazard mitigation plan that will display a property's vulnerability to natural hazards, and a real-time emergency response and disaster declaration module.

HazMap was introduced in mid-June at the annual Association of State Floodplain Managers conference, but FEMA representatives were invited to preview the site before the rollout. According to Stambaugh, their responses were positive.

"Our team was encouraged to prepare a plan for HazMap's next phase," he said. That will include connecting with FEMA's national Mapping Information Platform, real-time disaster declarations, citizen hazard fact sheets and components to complete the natural hazards section of the site.

Twenty tons of trash swept from riverside

In its 18th year, the Ohio River Sweep collected more than 20 tons of trash from river shores throughout Louisville Metro. The local event is part of a six-state effort with approximately 15,000 people cleaning the banks of the Ohio River and key tributaries.

"When you see the trash collected in a day's time filling five dump trucks, you begin to realize how big the pollution problem is for the Ohio River," said Executive Director Bud Schardein.

MSD and other agencies sponsored the June 24th event that drew approximately 150 volunteers, including passers-by who abandoned their Saturday morning leisure activities to help.



From left, John Sites, Julian Eklof, Margaret Sites and Mark Sites collected a lawn chair, old tire and other debris from the river banks.

Customer First at Work

"René Thomas has been a positive force by sharing information, answering questions and arranging meetings with individuals to introduce our company. Thank you for the support and assistance you've given."

--Cecil E. Talbott, P.E., Cardinal Technology, PLLC

"In the pouring rain, Stefan Brown responded to my call and was out in mud up to his knees to relieve a blockage that was flooding my home. Thank you!"

"Thanks for the fine service and fine crew you sent to resolve my problem. Robert Day, Gerald Dunlap, Jeffery Fields and Sam Marino were wonderful, courteous, and helpful!"

"Thank you, Kathy Myers-Rickenbach, for your diligence in guiding me toward a possible solution. Your professionalism helped defuse a potentially volatile financial nightmare!"

Certified Success

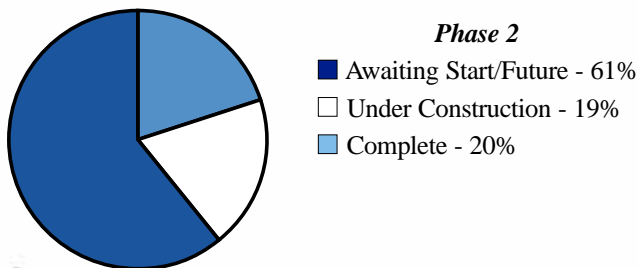
DiverseWorks for these recently certified businesses:

Beckmar Environmental Laboratory, Inc. (WBE)
Bio-monitoring, microbiologicals, metals and organics sampling and analyses; stream assessment; process controls
Contact: Rebecca Barker, 502/266-6533

Digital Business Solutions, Inc. (WBE)
Search engine marketing, software development, Web site design
Contact: Cynthia Masters, 502/562-7895

Project DRI Progress

Project DRI, a partnership between Louisville Metro and MSD that began in 2003, has improved drainage with 381 projects completed throughout the Metro area during Phase 1. Since Phase 2 began in 2005, 39 percent of 335 planned projects are underway or completed.





MSD

Louisville and Jefferson County
Metropolitan Sewer District

700 West Liberty Street
Louisville, KY 40203-1911



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Reception shows businesses new opportunities



To create business opportunities for certified minority- and woman-owned businesses, MSD and other local utilities have partnered to host the third annual Joint Utility Reception on May 23 at the Hyatt Regency Hotel.

Along with certified business owners, buyers from the partnering utilities, prime consultants and general contractors interacted to discuss best practices.

“This event was a great opportunity for minorities and women to network directly with key decision-makers and explore possible opportunities,” said MSD’s Contract Administrator Rene’ Thomas.

From left, MSD’s Dennis Bahm and Dave Klotz talk with Gerrit Schroeder of Capistrano & Associates, Inc. about opportunities for certified businesses.