

Helping our community grow MSD and developers connect to serve today and tomorrow

As new developments are planned throughout Jefferson County, developers are turning to MSD to ensure adequate wastewater collection and treatment services are available. They're finding flexibility in building wastewater infrastructure that will meet the needs of not just planned developments but also those in the future.

"When a developer develops, they have to build facilities to meet the requirements of our area action plans," said Roy Flynn of MSD's Development Team. That means the wastewater collection and conveyance system they construct has to meet MSD's plans to serve the entire area.

Since facilities to meet MSD's action plans are substantially larger than those to serve a single subdivision, MSD offers ways for developers to build facilities that will meet their needs and support future growth.

MSD's **excess cost reimbursement policy**, in effect since 1977, reimburses developers for the cost of upsizing wastewater facilities beyond the needs of their development. That minimizes future disruptions and accommodates future area growth.

Elite Homes, Inc. recently was approved for a \$66,846 excess cost reimbursement for upsizing a wastewater pumping station and force main beyond the size needed to serve a planned development. The company's plans to develop 45 lots on more than 23 acres off Shelbyville Road included spending about \$145,000 on the force main and pumping station to serve the development.

"We saw that the watershed upstream of the proposed pumping station could support the development of an estimated 210 additional lots," Flynn said. So, MSD proposed a larger pumping station and force main rather than one adequate to only serve the Elite Homes development.

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"These agreements offer incentives to developers to provide the infrastructure needed to provide wastewater services and improve stream water quality throughout the community."

Education programs target West End

MSD is undertaking a \$300,000 program to help improve environmental conditions in Louisville Metro's West End. Working with Jefferson County Public Schools, Louisville Nature Center and Metro Parks, MSD has created 10 programs for students and adults.

A team of geographic information systems (GIS) students from Central High School will partner with Jefferson County Public School biology and GIS teachers to develop the first **City Green database and analysis** for the West End.

To foster creation of additional **outdoor classrooms**, professional development programs will be offered to teachers to learn how to plan outdoor learning spaces and purchase materials needed for outdoor education.

Demonstration environmental programs at Farnsley and Meyzeek middle schools will help students learn through practical application and train teachers in developing units of study specific to their neighborhoods.

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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)



MSD

Upcoming Events

October 11
MSD Board meeting,
10 a.m., 700 W. Liberty, first floor

October 14
Retirees Luncheon,
11:30 a.m., Masterson's,
1830 SouthThird Street

October 17
Clean Water Act Day/Open House
Plant Tours at Floyds Fork
Wastewater Treatment Plant,
1100 Blue Heron Rd.

October 25
MSD Board meeting, 10 a.m.,
700 W. Liberty, first floor

Certifiable Success

DiverseWorks for these recently certified businesses:
Dale Watson Insurance Agency (MWBE)
Specializing in financial management services and health plans. Contact: F. Dale Watson, 502/671-7704

Ellis & Associates
Realtors/Appraisers, Inc. (MBE)
Full service realtor with appraisal services. Contact: Gregory Ellis, 502/267-4044

MSD Milestones

Welcome to MSD:
Elizabeth Coyle, Customer Specialist II
Lori Elzy, Development Specialist I
Sameer Ghare, Applications Analyst
Lanita Grimes, Customer Service Representative
Joseph Harrington, LOJIC Systems Support Specialist
Loren Levitz, GIS Facilities Coordinator
June Rowan, Customer Service Representative

Congratulations on these promotions:
Stephen Prestigiacomo to Utility Worker III, Stormwater Maint.
Eric Sawyers to Utility Worker III, Stormwater Maintenance
Julius Turner to Operator-in-Training, West Region Operations

Changing the pace:
Kevin Ries to Process Specialist, East Region Operations

We will miss:
Bonny Coffman, Process Specialist, retired Sept. 1
James Gossom, Field/Instrument Control Technician, retiring Oct. 1
John Honadel, Master Maintenance Mechanic, retired Sept. 1
Robert Husband, Utility Worker II, retired Sept. 1
Ezell Smith, Sewer Maintenance Supervisor, retired Aug. 1

Area Team News

Development: Through a long-term partnership with the Federal Emergency Management Agency (FEMA), MSD has received a \$500,000 grant to develop a local Hazard Information Portal. MSD will take the lead in creating the Internet portal that will allow almost real-time access to updated flood and hazard maps.

MSD's Development Team will work with Commonwealth of Kentucky agencies to obtain and digitally format earthquake, landslide and other hazards for the project. When completed in late 2005, the portal will offer by-location hazard assessments for Louisville Metro properties.

FEMA is funding a statewide hazard map portal in Delaware, along with the Louisville project, as part of a pilot project. Louisville was selected because it is one of the nation's leading communities in the use of geographic information systems to map floodplains.

Morris Forman Wastewater Treatment Plant: New pumps and other upgrades are planned for **stormwater pump stations on Algonquin Parkway and 4th Street**. Both pump stations were placed in service in the 1920s to help alleviate localized viaduct flooding. Some of the original equipment at both stations will be replaced during the rehabilitation. Cost for the Algonquin Parkway station project is \$138,345 and \$107,595 for the 4th Street station.

Pond Creek: Roadside drainage facilities will be installed along both sides of **Senator Lane**. Part of the Project DRI partnership between Louisville Metro and MSD, the \$54,260 project will address four customer requests and benefit about 19 properties.



Upgrades planned for two wastewater pumping stations on Algonquin Parkway (above) and 4th Street include replacing pumps that have been in use since the 1920s.

Helping *continued from page 1*

Because building the larger facilities would cost an estimated \$211,821, MSD's Board approved reimbursing Elite Homes for the difference.

A new plan is enabling developers to build wastewater facilities large enough to meet MSD's master plans and recoup their investment from future developments.

MSD's first **recapture agreement** was negotiated with Hosts, LLC for a development planned on about 212 acres at Blankenbaker Parkway and I-64. MSD's plans to serve that area called for installation of about two and a half miles of interceptor, more than a mile of force main and a pumping facility capable of pumping 4.3 million gallons of wastewater per day. "The facilities must be sized to serve an estimate equivalent of 3,840 single-family homes at an estimated cost of \$7.2 million," Flynn said.

Hosts, LLC agreed to build the larger facilities under a recapture agreement that allows the company to charge future developers who will use the facility.

The partnership with developers will help MSD serve the community well into the future, according to Executive Director Bud Schardein. "These agreements offer incentives to developers to provide the infrastructure needed to provide wastewater services and improve stream water quality throughout the community."

Education *continued from page 1*

Urban watershed field trips will give middle school students up-close lessons about water quality and stream habitat in an urban environment. Visiting MSD facilities, rafting local streams and other activities will teach students about water management systems and the biological, chemical and physical management issues our community faces.

In order for inner city students to experience and learn about rural outdoor environments, a series of field trips will allow them to **compare rural and urban environments**. Destinations include Blackacre State Nature Preserve, the Ellen Swallow Richards Learning Center at the Floyds Fork Wastewater Treatment Plant and the Louisville Nature Center.

Watershed programs for Title I elementary students at the Louisville Nature Center will be expanded to include riparian buffers and identifying plants, birds and animals that depend on green corridors to survive.

Metro Parks and other Louisville Metro agency employees will have opportunities to take a series of **environmental education classes** in biology, forestry and other subjects.

Based on recommendations from the City Green Inventory and Analysis, **trees will be purchased** for planting in Shawnee and Chickasaw parks, and along Algonquin Parkway.

With the participants in the Louisville Youth Opportunity Network Program, Metro Parks will **plant trees** in West End parks and along parkways.

Beginning this fall, MSD will conduct a series of **eight public open forums** throughout the West End to address water quality, stormwater, combined sewer systems, flood protection and other issues.



MSD gives students the chance to learn about the environment through 10 different programs offered in Jefferson County Public Schools.

Customer First at Work

"We received great service from Tammy Moore and Robert Salle!"
--Ed and Sally Craxton, Lyndon, 40222

"The crew of Angelo Boleyjack, David Jones, Charles Metcalf, Paul Vogt and Kirk Willis were courteous and polite. They did a wonderful job!"
--Brenda Baker, Okolona, 40219

"The ditch behind my property looks the best it ever has. My compliments to the crew of Jacob Bell, Calvin Davis, Steve Prestigiacomo, Damon Pulliam, Eric Sawyers, Ceasar Williams, Charlie Wilson, Charlie Woods and Ron Wordlow who mowed it!"
--Raymond Felker, Pleasure Ridge Park, 40258

"I'm very pleased that William Cunningham, Kevin Divine, Brian Matheis and Greg McCraney cleaned the ditch."
--Wilbert Felger, Pleasure Ridge Park, 40258

"Billy Smith, Cary Smith and Eric Toller did a magnificent job rectifying the drainage problem in my yard. They were professional, knowledgeable and extremely courteous."
--Bobby F. Green, Fern Creek, 40291

"We could not get our jobs done without Ken Bailey's help. He has always been extremely accommodating, helpful and informative."
--Meredith Dreher, Michael Healy, Rachel Holcomb and Jackie Redmon, paralegals with Louisville Metro Public Defender's Office, Downtown, 40202

"Thank you, Tom Middeler, for the time and effort taken to resolve my drainage problem. The crew of Phillip Bradley, Joe Culver, Tim Durham, Kavin Moore and Richard Schmeltz did a great job!"
--Timothy Killman, Shively, 40216

"Thank you for the quick response to the high weeds in the drainage ditch. The area was mowed by MSD's contractor Mattingly Brothers and looks great!"
--Herman Whitehead, Pleasure Ridge Park, 40258

"Thank you, Jim Wathen, for a job well done and in a timely manner, as promised."
--Doris and Fred McGill, Hollow Creek, 40228

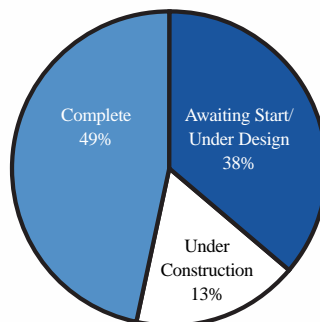
"I appreciate the prompt removal of the obstruction. The crew was Justin Bast, Simon Childress, Nate Elliott and John Matthews."
--Lois Baum, Okolona, 40219

MSD Retirees' Club News

Condolences to the family of Buford Boston (retired from Morris Forman Treatment Plant), who passed away in September, and to the family of Judy Rice (retired from Morris Forman Treatment Plant) whose mother-in-law recently passed away.

Project DRI Progress

Through September 23, 2004, the partnership between Louisville Metro and MSD has completed nearly half of the 388 drainage improvements planned when Project DRI began in January 2003.





MSD

Louisville and Jefferson County
Metropolitan Sewer District

700 West Liberty Street
Louisville, KY 40203-1911



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A few of the 75 volunteers who gathered Sept. 25 for the 15th annual Beargrass Sweep did more than collect trash and debris from the creek and its banks. Using rafts and canoes, they paddled upstream to clear log jams and sweep from the inside. Demonstrations also showed volunteers how to install a rain garden, why stream restoration matters for a healthy watershed and how water watch sampling is performed. Sponsors of the 15th annual Beargrass Sweep include Kentucky Waterway Alliance, Louisville Nature Center, Metro Parks, Jefferson County Natural Resources Conservation Service and MSD.