

Restoration work to begin on Bruce Creek

When the area south of Louisville's Iroquois Park began to develop 40 years ago, Bruce Creek was a meandering stream that originated in the park and flowed south to Pond Creek.

As homes, businesses and roadways were built in the area, Bruce Creek remained one of few drainage outlets for stormwater. Now, it shows the signs of severe urbanization: banks have been stripped of vegetation and continue to erode, while flooding still plagues nearby neighborhoods.

A project to restore Bruce Creek is set to begin, bringing flood relief and addressing erosion and land loss experienced by property owners along the creek. Much of the work will benefit people whose properties join a 4,300-foot-stretch of the creek from Paiute Avenue to Royal Gardens Court.

The Bruce Creek restoration is the third project in the area to enhance drainage and stormwater management, according to Beargrass Area Team Leader Loyiso Melisizwe. The Iroquois Park Detention and Wetland Basin Project and the Cristland Road Culvert Replacement already have been

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Public works group meets in Louisville

For the first time in its 63-year history, the American Public Works Association (APWA) is holding its annual Congress this week in Louisville.

About 8,000 people are expected to attend the four-day Congress, which features the largest equipment show in the world, at the Kentucky Fair & Exposition Center.

The Congress also includes seminars and presentations, many with an MSD accent. Executive Director Gordon Garner, Research/Productivity Assessment Director Mike Sweeney, Emergency Response and Community Relations Director Bud Schardein, Development Team Leader Randy Stambaugh, DiverseWorks Program Administrator Deby McDaniel and Training Administrator Elizabeth Mitchell are among scheduled speakers.

Attendees will get a first-hand look at LOJIC, the Louisville Jefferson County Information Consortium, which is housed at MSD. They also will tour area public works projects, including McAlpine Locks and Dam; UPS operations at Louisville International Airport; Waterfront Park and Louisville Slugger Field; Louisville Water Tower and water filtration systems; and Cherokee Park, one of the city's greenspaces planned by Fredrick Law Olmstead, the father of American landscape architecture.

Chartered in 1937, APWA is an international educational and professional association of public agencies, private sector companies and individuals dedicated to providing quality public works goods and services. With 67 chapters active in North America, APWA has about 26,000 members.

Garner said this year's Congress is the first APWA has held in a second-tier city. "The City of Louisville, Jefferson County and MSD have worked for about 10 years to get the show and meeting here," he said. "We're hopeful that the success of this event will put Louisville in position to lure other public works shows here in the future.

The Kentucky APWA Chapter is the official host of the meeting. Garner currently is the Kentucky chapter president.



Floyd's Fork watershed area

Agreement provides capacity for growth

MSD is working with a private developer group to increase sewer service capacity in the area north of I-64.

"Since 1992, MSD and the developers of the Polo Fields and Curry Crossing have worked together to provide sewer service to residents of those developments," said Development Team Leader Randy Stambaugh. The result was the Polo Fields Wastewater Treatment Plant, built by the developers and owned and operated by MSD, to treat wastewater from up to 700 single-family homes.

With plans to build out these two developments and as other residential

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Upcoming Events

Sept. 25

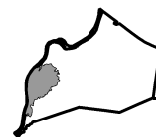
- MSD Board meeting, 10 a.m., 700 W. Liberty, first floor
- Public meeting, Jeffersontown 1C Inflow & Infiltration Project, noon to 8 p.m., Jeffersontown Library meeting room, 10635 Watterson Trail
- Public meeting, Dwight Eisenhower Sanitary Sewer Project, 7 p.m., Southwest Government Center, 7219 Dixie Hwy.

Sept. 27

- Public meeting, Tiedman Drainage Improvements, 7 p.m., Southwest Government Center, 7219 Dixie Hwy.

Oct. 2

- Public meeting, West County Inflow & Infiltration Project, 7 p.m., Central Government Center, 7201 Outer Loop.



Mill Creek watershed area

Assessments set for Big Run project

Construction of the Big Run BR-1A sewer collector and drainage project is completed. More than two miles of sewer was constructed, along with about two miles of drainage improvements, serving about 181 properties at a combined cost of about \$1.4 million.

Assessments, or each property owner's share of the cost to extend sewer service to the area, were set based on construction costs of \$967,775. Although the actual construction costs were higher, the portion to be shared among property owners is based on initial estimate of the project's cost, according to Mill Creek Area Team Leader Tom Williams.

Assessments range from \$5,000 to \$7,500. More than 90 percent of property owners will pay \$5,000 or \$5,500, Williams said.



MSD

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Louisville, Kentucky 40203
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Beargrass Creek watershed area

Rapid response repairs downtown sewer quickly

A collapsed brick sewer beneath Seventh Street between Broadway and York Street was replaced in 10 days, thanks to quick action by MSD's Maintenance Division and Beargrass Creek Area Team.

An old 24-inch brick sewer that ran underneath the middle of Seventh Street broke down, leading to the discovery of a cave-in near the center of the Broadway intersection. MSD began work immediately, under MSD's emergency policy, to minimize the potential of additional damages in the area, according to Beargrass Creek Area Team Leader Loyiso Melisizwe.

The repairs involved installation of 550 feet of 24-inch concrete pipe, replacement of three manholes, reconnection of properties to sewers and restoration of the street.

"One of our concerns was to minimize street closures, because this is a busy part of the city," Melisizwe said. Seventh Street was closed for most of the 10-day construction period and Broadway was closed near Seventh Street for about two days.

Larry Doyle Construction Co. completed the emergency repairs at a cost of \$194,682. Melisizwe and Beargrass Creek Area Team Inspector Ron Henderson directed the repair work.

MSD caps off summer with picnic

Summer may be about over, but there will be plenty of summertime fun at MSD's company picnic on Saturday, September 30.

The picnic begins at 11 a.m. and continues to 4 p.m. at George Rogers Clark Park, off Poplar Level Road, across from Audubon Hospital and St. Xavier High School.

All MSD employees, temporary employees, retirees and Board members, along with their families, are invited.

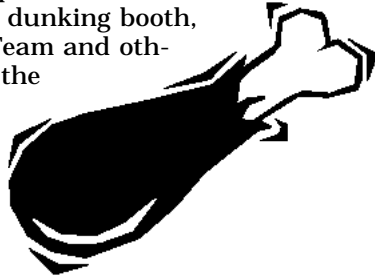
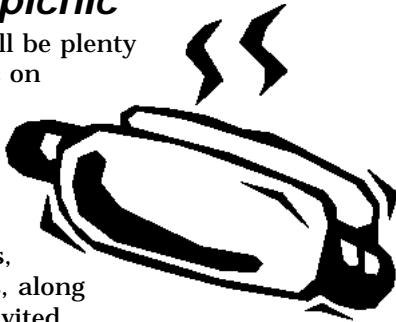
MSD will provide hamburgers, hot dogs and drinks. Each family attending is asked to bring a side dish or dessert to share.

In addition to softball, volleyball and horseshoes for all, special races, face painting and Astro Jump will be available for children. There will be prizes for children's activities and a raffle drawing.

To help raise money for the annual holiday Giving Tree Campaign, picnic attendees can try their hands at a dunking booth, where members of MSD's E-Team and others will be sitting throughout the day.

Interest in the picnic is high, with more than 500 people expected to attend, according to Sharon Worley, one of the picnic coordinators.

For more information, contact Worley at 540-6464 or worley@msdlouky.org.



Pond Creek watershed area

Sewer interceptor to serve Fern Creek

Construction is set to begin on a sewer line that will remove a subdivision treatment plant from service and serve as a connection for the Bardstown Road corridor sewer project planned for next fall.

The Fernbrook Interceptor No. 9 will begin at Hames Trace Road and extend southeast along the creek to Fern Creek High School, parallel to Bardstown Road.

When completed, the interceptor will remove the Fernbrook subdivision wastewater treatment plant and the Tradewinds Shopping Center Pump Station from service, according to Pond Creek Area Team Leader David Schaftlein.

Construction plans call for nearly 5,000 feet of sewer, 26 manholes, seven property service connections, landscaping and stream bank restoration.

Basham Construction and Rental Co. will construct the project for \$912,444.

Restoration on Bruce Creek *(continued from front)*

completed. "They were designed to provide relief from flooding below Bruce Avenue," Melisizwe said.

MSD began researching stormwater management projects in the area about 10 years ago, according to Executive Director Gordon Garner. "Bruce Creek winds through a lot of people's yards, and many of them wanted relief, but they wanted the work done elsewhere," Garner said. He said the project is proceeding now, because of the one-on-one contact Beargrass Area Team staff members had with area property owners. "They were able to explain the benefits and build consensus among property owners to construct the project," Garner said.

Melisizwe said MSD will apply stream restoration techniques that have been successful on other MSD projects, including using live tree roots that stabilize stream banks immediately and provide vegetation later. Project plans call for planting 1,074 trees and 765 shrubs. About 5,000 tons of boulder rock and 635 tons of rock also will be used to reinforce stream banks.

MAC Construction and Excavating, Inc. will perform the work for \$1,065, 893.

Agreement provides capacity

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neighborhoods are constructed in the area, about 2,100 homes will require sewer service. The developers and MSD have worked out a new agreement that will serve the developments and meet the area's future needs.

Developers of Polo Fields and Curry Crossing, called Polo Joint Venture, will build a wastewater pump station at the present site of the Polo Fields Wastewater Treatment Plant, along with a force main across Flat Rock Road to connect with MSD's Long Run Interceptor, to be constructed in the future. The wastewater will be treated at MSD's Floyds Fork treatment plant, scheduled to be in operation later this year.

The Polo Fields treatment plant will be removed from service and demolished. Stambaugh said MSD will deed the plant site back to Polo Joint Venture for use as a recreation area. To ensure that the project is adequate to serve future growth projected in the area, MSD is paying the cost to upsize the force main from eight inches to 12 inches and will pay for one pump. MSD also will fund odor control at the pump station as it is needed.

MSD's cost for the project is about \$200,000, according to Stambaugh. "There are advantages to MSD and the community. We are accelerating the removal of the Polo Fields plant, which discharges to Brush Run stream, and consolidating our wastewater treatment at the Floyds Ford plant where the area's wastewater can be treated to a higher level of quality more economically," he said.

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