



MSD

Louisville and Jefferson County
Metropolitan Sewer District

Update

News about activities and developments at MSD

April 11, 2001

Webb named to merger task force



DiverseWorks Program Administrator Derwin L. Webb is among the 18 people named by Mayor David Armstrong to Louisville's Merger Task

Force.

The task force will help draft recommendations for new leaders of the merged Greater Louisville government.

Before joining MSD in late 2000, Webb was assistant director

(continued on page 3)

Staff educates KRA on grease disposal

In early April, a group of MSD Industrial Waste employees volunteered to do something a little out of the ordinary: they staffed an exhibit at the Kentucky Restaurant Association's Food Service Expo 2001.

The goal was to help restaurant owners and operators learn how to properly dispose of grease, a by-product of most large kitchens.

When quantities of grease aren't properly disposed of, they often end up in the public sewer system, according to Tom Spalding of MSD's Industrial Waste Department.

In January alone, MSD's Emergency Response Team

(continued on page 3)

Opportunities still exist The only thing certain is change

Editor's note: At the March 26 MSD Board meeting, Executive Director Gordon Garner discussed MSD's progress during the past five years and where MSD is headed next. The March 28th Update featured Garner's review of MSD since December 1996. This story previews what's ahead at MSD.

The MSD of 2006 will be different from the MSD of 2001, but one thing will be the same: the organization will continue striving to improve.

MSD's Continuous Improvement Assessment noted 358 opportunities for improvement, with more than half of those improvements already

totally or partially achieved. To Executive Director Gordon Garner, that doesn't mean MSD is finished.

"That means there are 119 opportunities for us to do more and do it better," Garner said.

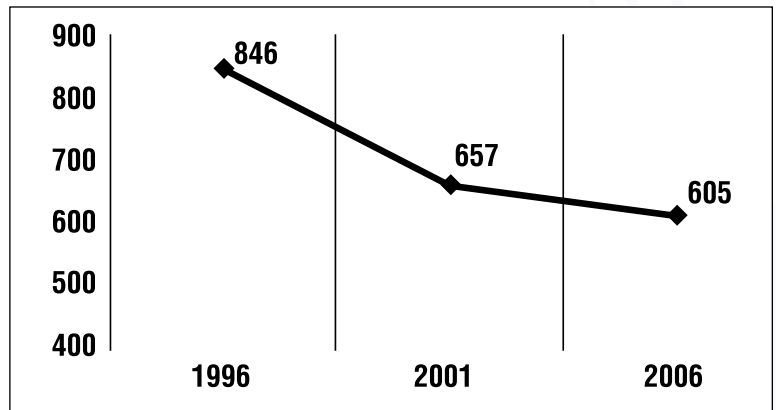
Most of the opportunities identified relate to automation, duplication of duties, source data capture, better cross-divisional communication and enhanced training. "One of the first steps toward the next five years is integrating these opportunities as new tactics for action in our Strategic Business

Plan," Garner said.

MSD will seek additional opportunities to improve by comparing its performance against other best-in-class agencies and learning from ongoing dialogue with customers and employees. A key to the next five years will be focus. "Keep your eye on the ball," Garner urged, "because it will be moving."

By 2006, Garner expects a 10

STAFFING LEVELS TO DROP



percent reduction in MSD's 657-person workforce, and a transition of leadership throughout the organization. "There are 191 people who will be eligible for retirement within five years," Garner said, "including many of our most experienced and capable personnel in skilled trades, maintenance, information technology, industrial compliance and monitoring, and executive management."

That means new people filling

(continued on page 3)

Naturalizing an urban stream

Sometimes construction near streams has negative impacts on the stream's water quality. When a bank failed on Winding Falls Stream near the intersection of I-71 and Brownsboro Road, MSD took the opportunity to restore the stream's contours and banks to a more natural state.

The project was part of the Winding Falls Interceptor construction, which included an interceptor sewer, force main and pump station. To restore the severely eroded Winding Falls stream, MSD teamed with Fuller, Mossbarger, Scott and May Engineers and Biohabitats, Inc.

Although Winding Falls had been channelized-meaning most of its bankside vegetation had been removed-the team developed a design to restore natural meanders



Winding Falls Creek: three months after the completion of the stream restoration project.

to the stream, returning pools and riffle reaches to its flow.

Care was taken to vegetate the banks with native plants, which strengthen the banks and prevent the soil from washing away. The result is an urban stream that helps move stormwater during heavy rains and provides a healthy environment for aquatic life.

Restoring the stream with natural channel design instead of traditional "hard" engineering approaches, like riprap or concrete, the area's beauty was maintained and the impacts of introducing sewers into a natural stream corridor were minimized. The project won the 2000 Grand Conceptor Award from the Kentucky Consulting Engineers Council.

Watershed News

Beargrass Creek

Projects plan sewers, drainage improvements

Phase II of the Harold Avenue Sanitary Sewer

Project will construct the gravity outlet needed to serve the 112 properties fitted for sewer service in the fall of 2000. It will cost about \$174,055 and take four weeks to build.

The Old Manslick Road Sanitary Sewer Project will serve 15 properties near the Hazelwood Hospital campus. It will cost about \$136,811 to build.

The Fegenbush Lane Sanitary Sewer Project will connect nine residential properties south of Bardstown Road to sewer service. It will cost about \$67,827 to build.

To relieve standing water, drainage improvements will be constructed along the corner of **Hess Lane and Pindell Avenue**. Fourth Ward Alderman Cyril Allgeier is cost-sharing 40 percent of this \$66,000 project.

The Primrose Drive Sanitary Sewer Project will connect a dozen homes to sewer service in this neighborhood between Westport Road and Hubbards Lane. The project will cost \$51,330 to build.

Mill Creek

Sewers heading for Riverport neighborhood

A small neighborhood off Cane Run Road near the Riverport will soon be connected to sanitary sewer service.

The Blueberry Drive Collector Project will construct about a half-mile of sewer to serve 31 properties on and around Sherrard Road. The project will cost about \$230,000 and take three months to complete.

Although the Riverport recently absorbed the road named Blueberry Drive, Mill Creek Area Team Leader Tom Williams said MSD had already planned and named the project after Blueberry Drive.

Pond Creek

Drainage improvements planned in Okolona area

Two projects should improve drainage in a pair of Okolona-area neighborhoods.

Sungold Ditch Bioengineering Project will shore up the existing stream banks and promote better stormwater flow into the channel. Plans call for using 21-inch pipe in part of the ditch and using stream erosion prevention techniques to strengthen the stream banks.

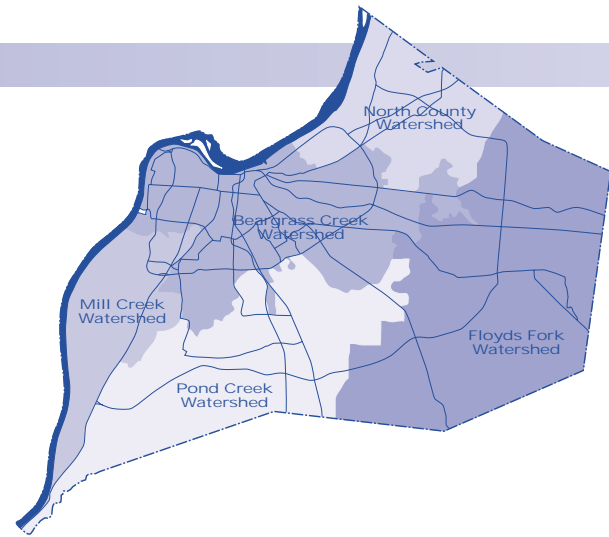
In addition to placing 190 feet of boulder toe protection along inside banks, trees and forsythia bushes will be planted along the top of the banks.

The \$70,444 project is expected to promote better stormwater drainage and improve water quality in the stream.

To reduce flooding for residents of **Susan Lane at Mud Creek**, MSD will replace three undersized culverts with one 12-by-four-foot box culvert.

"The original cross drain under Susan Lane was likely installed in the early 1960s and is grossly undersized," said Pond Creek Area Team Leader David Schafflein. "The system also accumulates large amounts of debris, increasing flooding in the area," he said.

Cost to construct the new culvert is \$69,990.



Continuous improvement

(continued from front)

key positions throughout MSD. "Training," Garner predicted, "will be critical to our continued success."

Change also is ahead for MSD's capital construction program, which has more than tripled since 1996. "We'll

be ramping down

toward a projected capital budget of about \$65 million in fiscal year 2006,"

Garner said. MSD's aggressive growth during the

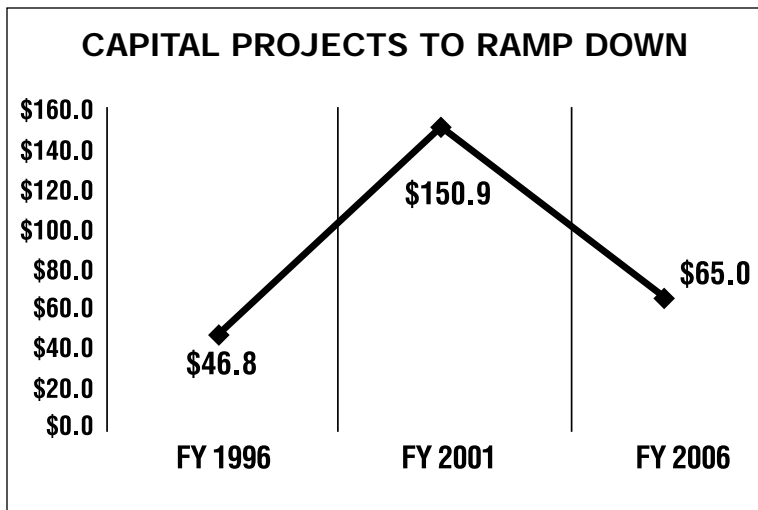
last five years included serving growing areas of Jefferson County and connecting unserved neighborhoods to sewers. "We simply cannot sustain the \$150 million level of capital construction projects," he said.

Garner anticipates that the

new dynamics of Greater Louisville's merged government will transform MSD somewhat.

"With 26 new elected officials in a new body of government, we will have to make internal and external changes in order to interact with them."

While Garner's prediction that the next five years will be a time of



continuous change at MSD may come true, he is forecasting some sure bets. "We will continue our dialogue with our customers, keep doing what we're doing right and stop doing what we're doing wrong."

Webb named

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of athletics at the University of Louisville.

A native of Indianapolis, Webb holds a bachelor's degree in political science and a Juris Doctorate degree from U of L. He serves on the boards of Just Solutions, Fellowship of Christian Athletes, and U of L's Alumni Association and Letterman's Club. Webb is a member of numerous organizations, including 100 Black Men of Louisville and the Louisville Urban League Young Professionals Association.

Staff educates KRA

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responded to four incidences where eating establishments had sent grease into the sewer line. "The result is generally a blocked sewer that can cause backups, affecting both the restaurant and its neighbors."

Spalding said he hoped MSD's participation at the Expo would help prevent problems. "It's a way to educate restaurant operators at their leisure, instead of in the midst of our Emergency Response Team responding to, and enforcing, grease blockages," he said.

Ison elected Board Vice Chair



Dan R. Ison has been elected vice chair of MSD's Board, to complete the remaining term of office vacated by Charles Horton who

resigned from the Board last month.

Ison was first appointed to the Board by Jefferson Fiscal Court in 1996 and reappointed in 1999. His current term on the Board ends July 31, 2002.

A senior consultant with Guthrie/Mayes Public Relations, Ison previously was director of community relations for Philip Morris U.S.A. He also serves on the boards of Greater Louisville Inc., the Louisville Ballet and the Bellarmine University Board of Overseers.

A member of the MSD Board's personnel and budget/audit committees, Ison will serve as vice chair through July 2001, when the Board elects a chair and vice chair for the next fiscal year.

Procedure change to aid hazmat reports

MSD is changing some procedures, to help its staff notify emergency response personnel of incidents involving hazardous materials.

"We've recently changed some materials used in wastewater treatment," according to Executive Director Gordon Garner. "Our staff needs to know what's required in the event of a spill at our facilities."

Garner said that all materials used at MSD facilities will be clearly identified, along with notations about any hazard the materials present. Reportable quantities, or the amount considered hazardous to the public or environment, also will be noted.

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MSD

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Inside Update

- MSD in the future: opportunities still exist
- Dan Ison elected Vice Chair of MSD Board
- Hazmat procedures at facilities to change
- DiverseWorks' Webb named to merger task force

Upcoming Events

April 23

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

Public meeting, Kramers Lane
South (KL-1S) Sewer Project, 7
p.m., Southwest Government
Center, 7219 Dixie Hwy.

Procedure change

(continued from page 3)

Those records will be stored at central locations at each facility, accessible both to MSD personnel and to any hazmat response team.

Additionally, facility personnel will receive additional training on Hazardous Materials Ordinance requirements and site-specific Hazardous Material Spill Prevention and Control plans for each MSD facility.

We were wrong

In the March 28 issue of *Update*, there was a typographical error in the story titled, "Continuous Improvement: MSD able to do more with less."

The incorrect sentence should have read: Garner attributes MSD's ability to do more with less to changing its structure and how it does business.

We apologize for the error.

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