



MSD

Louisville and Jefferson County
Metropolitan Sewer District

Update

News about activities and developments at MSD

January 16, 2002

English named chair of EPA board



Laboratory Manager Zonetta English will serve as Chair of a support and advisory board of the EPA.

MSD's Laboratory Manager Zonetta English has been named chair of the U.S. Environmental Protection Agency's Environmental Laboratory Advisory Board.

The 14-member board includes technical professionals selected from non-regulatory entities nationwide. It provides advice, information and recommendations to EPA's Administrator on accreditation standards for environmental laboratories, operation standards for accrediting authorities and an oversight system for accrediting authorities and laboratories that serve both government and private-sector organizations.

As chair, English will communicate regularly with the EPA's deputy administrator to review technical papers and make recommendations.

English is taking the position at a critical time. "The National Environmental Laboratory Accreditation Conference's structure will be reorganized," she noted. "One of our initiatives is to develop a plan to financially support the Conference from outside of the EPA. Funding will be solicited from utilities and private labs," English said.

The federal position is a two-year, renewable appointment that

(continued on page 3)

New MFWTP process yields first recycled biosolids



Dried biosolids are in small pellets ranging from one to four millimeters in size with 95 percent of the liquid removed.

A new process to dry and recycle biosolids at the Morris Forman Wastewater Treatment Plant is nearing completion ahead of schedule, allowing MSD to disconnect the old solids drying process that had been the cause of much of the plant's odor.

*Recycled solids
save money,
preserve
landfill space.*

The 30-year-old low-pressure oxidation Zimpro system, which had been used to dry solids removed from wastewater at the plant, was taken off-line in December, according to Research/Productivity Assessment Director Mike Sweeney. "The odor reduction is noticeable," he said.

While the new alternative solids process is still in the testing phase, Executive Director Gordon Garner said it already is far more productive than the old system. "The Zimpro process did not remove or dry solids very efficiently. That led to more volume being sent to a landfill and higher disposal costs," Garner said. "The new equipment will

vastly improve our efficiency at the Morris Forman plant."

The new process uses centrifuges to remove water and high-heat dryers that virtually disinfect biosolids. The resulting dried biosolids are in small pellets ranging from one to four millimeters in diameter with 95 percent of liquid content removed.

As the process comes on-line, MSD hopes to market a portion of the recycled biosolids as a base for fertilizer. For more than 60 years the Milwaukee Metropolitan Sewerage District has marketed its dried biosolids under the name Milorganite. The product is available at Louisville area stores and is used by the Louisville/Jefferson County Metro Parks Department.

Garner says MSD is several months away from making its recycled biosolids available in the mar-

(continued on page 3)

Pond Creek

Drainage project planned for Fairdale neighborhood

Residents along Allen and Charlene drives south of the Snyder Freeway will soon see relief from long-standing drainage problems.

Paved ditch, drainage pipe, catch basins and earth channel improvements are planned, costing about \$64,750.

“This drainage system—including a natural stream and man-made channels—has received little maintenance since its original construction in the early 1960s,” said Pond Creek Area Team Leader David Schaftlein. As a result, flat portions are heavily silted and steeper areas are in need of erosion protection. In one area of the stream, erosion has exposed Louisville Water and MSD lines.



Customer First at Work

Editor's note: Following are excerpts of customer comments.

“Thank you for publishing, **Floodplains and Flooding in Louisville and Jefferson County**. It should be very useful for any parties reviewing proposed development. Let us hope that many people remember it when they need help.”

—John F. Webster, Middletown, 40243

“I was looking for sewer information about a property I planned to purchase, so your courteous Customer Service Department directed me to **Sissy Bridges**. She suggested that I also speak with **Frank Walker, Tom Williams** and **Terry Woosley**. Each of these gentlemen was

(continued on back page)

Area Team News

Beargrass Creek

Drainage relief ahead for Woodlawn Park

A \$1.58 million drainage improvement project will resolve long-standing drainage problems in the Woodlawn Park area and clear the way for the planned phase-out of the St. Matthews Village Pump Station.

Ongoing development in the area has contributed to drainage issues, according to Beargrass Creek Area Team Leader Loyiso Melisizwe. “Although detention basins have been constructed in the area, they haven’t been adequate to decrease the impact development has had on drainage problems,” Melisizwe said.

The drainage improvement project will construct a new pipe along CSX railroad tracks, directing stormwater to another proposed detention basin before draining under the tracks into Beargrass Creek’s Sinking Fork.

While working along the CSX tracks, Melisizwe said the drainage project also includes preliminary work to take the St. Matthews Village Pump Station out of service. By performing work in the CSX right-of-way while crews are already in the area, Melisizwe says MSD’s future construction costs related to the pump station retirement will be decreased.

Melton partners on Naneen project

Seventh Ward Alderman George Melton has partnered with MSD to improve drainage in the 4300 block of Naneen Drive, south of I-264 and west of Manslick Road.

The \$66,810 project calls for installation of pipe, yard drains, driveway aprons and catch basin tie-ins to promote drainage. Alderman Melton is sharing 50 percent of the project’s cost.

Mill Creek

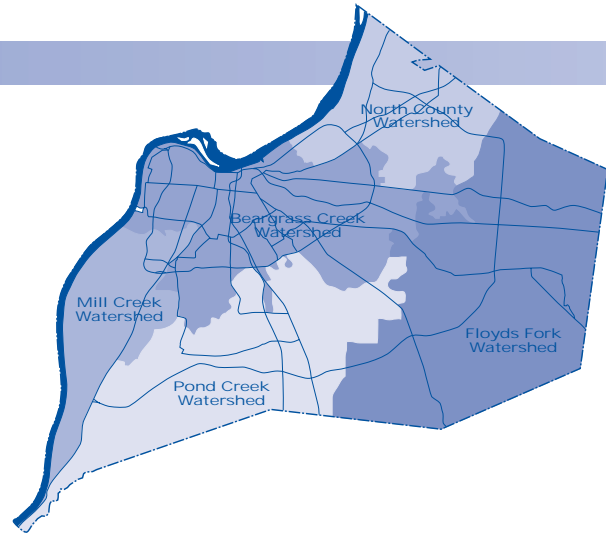
Assessment set for Determine sewers

The 289 property owners who recently connected to sanitary sewers in the Determine Lane neighborhood will be paying less than expected in assessment costs.

“When property owners voted in favor of sewers in 1999, they voted based on our estimate that each property’s assessment would be \$5,700,” said Mill Creek Area Team Leader Tom Williams. “When construction was finished, it cost less than projected.”

According to MSD policy, property owners are assessed the lower cost when the estimated and actual project costs differ. That’s good news for folks in the Determine Lane area, because the assessment cost for each property is reduced to \$5,296.

The Determine Lane project constructed about two and one-half miles of sanitary sewer and resurfaced nearly three miles of roads.



MSD's Giving Tree continues to grow

The parade of toys, clothes and food marched down the halls of MSD for the Giving Tree campaign, signaling the close of another holi-



Mike Sweeney, Stan Shelton and Michael Powers give the toys donated to the Giving Tree a test drive.

day season and an MSD tradition that continues to grow.

The 2001 Giving Tree campaign marks the fourth year MSD employees have sponsored needy families in the Louisville area through the Kentucky Cabinet for Families and Children. In 2001, 17 families—consisting of 83 individuals—enjoyed a merrier holiday thanks to clothing, toys and household items contributed by MSD employees.

Among the bags of donations, families were surprised with several bicycles, dishes, a television, a basketball goal and a dinette set. One family received a giant gift-stuffed stocking donated by Industrial Waste Department Field Supervisor Patrick Fitzgerald after he won it in a credit union give-away.

"The Giving Tree campaign has become a holiday tradition at MSD," said Administrative Supervisor Pat Kirk, who has served on the Holiday Committee since 1998. "Each year, more and more people are willing to

help and the donations always exceed the previous year, demonstrating that MSD really cares about those in our community who aren't as fortunate."

Some MSD departments chose to provide gifts for an entire family, according to Holiday Committee member Theresa Daly. "In some cases, departments worked together to ensure that no one was left out in a real display of teamwork," Daly said.

MSD employees helped by working on the Holiday Committee or by coordinating

donation drop-off sites outside the Main Office. In addition to Kirk and Daly, those workers included Becky Bennett, Mary Sue Brooks, Paula Byrd, Zonetta English, Susan



Ron Richardson and James Black line the curb with the contributions to Louisville's needy families.

Guenthner, Sheila Lusco, Kim McKnight, Kim Robinson, Mike Sweeney and Don Wate.

Donations to the Giving Tree project also were raised by profits from the dunking booth at MSD's summer picnic, MSD Retirees Club and the Watching Our Weight Disappear group.

New MFWTP process

(continued from front page)

ketplace. "We're ahead of schedule, but we're still testing to make sure we are able to deliver a consistent product."

In the meantime, MSD will continue disposing the recycled biosolids in commercial landfills, but expects the volume to be reduced by nearly 50 percent. When completed, the alternative solids process is expected to save MSD more than \$4 million annually in operation and maintenance costs.

Construction of the nearly \$65 million process began in mid-2000. It was designed and is being built by the Black & Veatch/J.S. Alberici Construction Co. Joint Venture.

English named

(continued from front page)

requires EPA approval. The Chair is selected based on education, peer review and experience, and English's professional background may be what gave her an edge.

Since 1992, English has held several positions in MSD's lab at the Morris Forman Wastewater Treatment Plant before being named manager in 1999. Before joining MSD, English was quality assurance coordinator for an environmental analysis and consulting firm. She holds a bachelor's degree in chemistry from the University of Kentucky and an MBA from Webster University.

In addition to the Board Chair position, English teaches algebra classes part-time at Jefferson Community College. She also is vice president of administration for the National Black MBA organization's Louisville Chapter.

"This national appointment deservedly recognizes Zonetta's technical and leadership skills," said Research/Productivity Assessment Director Mike Sweeney.



MSD

Louisville and Jefferson County
Metropolitan Sewer District

700 West Liberty Street
Louisville, KY 40203-1911
502-540-6000
www.msdlouky.org

Inside Update

- New MFWTP process recycles biosolids
- MSD's Giving Tree continues to grow
- Lab manager to chair EPA board

Upcoming Events

Jan. 21

Martin Luther King, Jr. Holiday.
MSD offices are closed. For emergency service call 587-0603

Jan. 28

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

Public meeting, Chapel Hill Sewer Project, 7 p.m., Central Government Center, 7201 Outer Loop

Feb. 4

Public meeting, Woodlawn Park Drainage Improvements, 7 p.m., Westport Middle School auditorium, 8100 Westport Rd.

Customer First

(continued from page 3)

patient and service oriented, especially **Tom Williams** who figured out what information I needed and was willing to find it. Thanks to them for assisting me.”

—Judy Chodynieceki, Louisville.

“My compliments to you and your contractor (**MAC Construction**), who is installing sewers in my side yard. They are efficient, extremely polite and very courteous.”

—Jim Hatcher, Valley Station, 40272

“I was concerned to get a message from Mr. Clark on Beth Road, just days after we had completed the project there. How pleased I was when I called him back. He said for all the occasions that he'd taken time to call us with concerns, he felt obligated to call to thank MSD

for getting it right.”

—Steve Emly, Customer Specialist,
Pond Creek Area Team

“I can't begin to express how thankful we are to the management and staff of MSD. The enthusiasm you generate together to accomplish any task is rewarding. The priceless moment came when the MSD families that were built through adoption presented the check. A picture is worth a thousand words. You guys summed up what we are all about.”

—Lynda Price, Executive Director,
Wednesday's Child

© COPYRIGHT 2002

Louisville and Jefferson County
Metropolitan Sewer District
LOJIC map data copyrighted by the
Louisville and Jefferson County
Metropolitan Sewer District and the
Louisville Water Company
All Rights Reserved