



**MSD**

Louisville and Jefferson County  
Metropolitan Sewer District

# Update

News about activities and developments at MSD

**June 27, 2001**

## Tours of MSD facilities available

Get an inside look at wastewater treatment by taking a guided tour of MSD wastewater treatment facilities.

Most tours last about an hour and should be scheduled in advance. Guides will take your group through the facilities and the processing of wastewater and the solids that result.

Tours are available at these wastewater treatment plants: Cedar Creek, Hite Creek, Floyds Fork, Morris Forman and West County.

For details or to schedule a tour phone Dave Carty at 540-6757.

A special day-long program aimed at fifth grade students is offered at the Ellen Swallow Richards Ecology Learning Center on the grounds of the Floyds Fork Wastewater Treatment Plant. For details, phone Sarah Lynn Cunningham at 540-6118.

To arrange a tour of MSD's main office, maintenance yard and drainage services division, phone James Hunt at 540-6114

## Floyds Fork Plant named project of year by KY APWA

The Kentucky Chapter of the American Public Works Association has named MSD's Floyds Fork Wastewater Treatment Plant the utility Project of the Year.

The award was one of nine presented by the Kentucky APWA chapter, honoring significant projects in a variety of categories.

*(continued on page 3)*

## Contracts to support construction and initiatives are reduced by 23%

MSD's Board has approved prime consultant contracts to support Area Teams and specific program initiatives for the fiscal year beginning July 1, 2001, and ending June 30, 2002.

The total contractual value is \$18,070,953—a decrease of 23 percent from fiscal year 2001's budgeted amount. The contracts cover the work and cost involved for project planning, design, management, inspection, easement acquisition, design support, drainage service request review, water quality services and other related activities.

"We're starting to ramp down our capital construction program," said Director of Engineering Derek Guthrie. "These contracts will allow us to continue our proactive approach while reducing overall costs."

Guthrie noted that extending sanitary sewers to unserved areas of Jefferson County had been the core of MSD's construction program for the past five years. "In the coming year, we will be looking more at our infrastructure and planning how to improve it."

Since fiscal year 1998, MSD has reduced expenditures on outside engineering services by three to five percent a year. "With a 23 percent reduction in fiscal year 2002, MSD is achieving our goal of delivering more efficient service at less cost," Guthrie said.

Of the \$18 million in contracts awarded, more than \$3.8 million, or 21 percent, will be subcontracted to minority-owned businesses and about \$1.1 million, or six percent, will be subcontracted to woman-owned businesses.

Area/Program	Firm	Total Contract Amount	Percent of Reduction from FY01	MBE Firms \$	WBE Firms \$
MFWTP	CH2M Hill/Quest Engineers	\$3,824,806	8.1%	572,500	334,500
Beargrass Creek	Gresham, Smith and Partners	\$1,507,023	79.6%	496,651	164,925
Pond Creek	FMSM/Khafra	\$2,515,960	3.1%	651,915	85,959
North County	PDR Engineers Inc.	\$1,120,000	44%	291,000	112,000
Mill Creek	Presnell Associates Inc.	\$2,444,385	31.3%	415,350	84,202
Floyds Fork	The Corradino Group	\$1,775,542	26%	426,073	118,056
I & I Program	PDR Engineers Inc.	\$1,602,851	17.5%	251,000	48,100
CSO Program	Omni/O'Brien & Gere	\$1,680,333	6.1%	260,348	99,141
Centralized Services	FMSM	\$1,600,000	45%	493,000	85,000
	<b>Total</b>	<b>\$18,070,943</b>		<b>\$3,857,837</b>	<b>\$4,757,541</b>

## Keeping Customers First

*Editor's Note: Following is an excerpt from a customer letter.*

"Thanks ever so much to **Leisa Calloway** for assisting us in getting a sewer tap for 1301 Hull Street, when the one the MSD 'thought' was there was nowhere to be found. I know that the new homeowners will be very happy in the new house. All of us at Legacy Homes appreciate Leisa's exceptional cooperation in an exceptional situation."

—Mark Isaacs,  
Legacy Homes, 40204

Customer Service Representative **Yosette Smith** knows not all calls are from customers with questions or problems. When Ms. Edwards phoned from her Camp Taylor home on Colin Avenue on June 1, "She said the work was completed yesterday at 6 p.m., and wanted to thank our crew—**Eva Barlow** and **Eugene Nowlin**—and MSD." Ms. Edwards had reported a clogged catch basin around 2 p.m. May 31. Work was completed within hours that same day.



MSD uses a vactor truck like this one to clean catch basins, like the one near Ms. Edwards' Camp Taylor home.

## Watershed News

### Floyds Fork

#### Project to reduce odor at J-Town plant

Work is set to begin on a permanent carbon adsorption system that should reduce odors from stored biosolids at the Jeffersontown Wastewater Treatment Plant.

Along with the odor control provided by the carbon adsorption system, an aluminum dome cover will be built over the tank where biosolids are stored.

The new cover and system will reliably prevent odors from being released into the air, according to Floyds Fork Area Team Leader Vicki Coombs. They will replace a temporary cover and portable adsorption system, which will be used to control odors at the plant's siphon structure.

The project is expected to cost about \$169,000.

### Mill Creek

#### Construction to begin on Cane Run Interceptor

Construction of nearly a mile of 30-inch sewer near Cane Run Road will cost more than \$2 million and take nearly a year to complete.

The Cane Run Interceptor will connect 39 new customers to sanitary sewers and provide capacity for the area's future residents, according to Mill Creek Area Team Leader Tom Williams.

The interceptor will follow Cane Run ditch from Rockford Lane to the railroad tracks. Williams said the interceptor is an important part of MSD's plan to connect the Cane Run corridor to sanitary sewer service.

### Drainage projects planned

A pair of projects in the Blanton Lane area will bring drainage relief to residents of Oak Valley Drive and Mills Drive.

Combined, the projects will cost \$140,308 and will take about four months to complete.

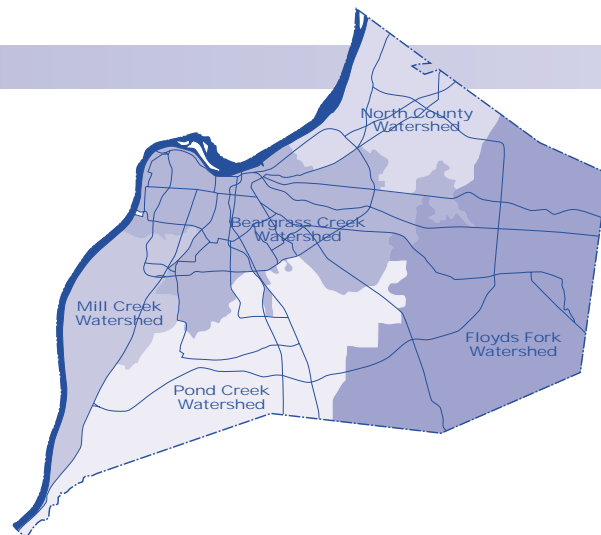
### Pond Creek

#### Drainage project to benefit customers

Residents of Lorenzo Lane near the intersection of Fegenbush Lane and Vaughn Mill Road will soon see a difference after it rains.

Roadside drainage improvements are planned along both sides of Lorenzo Lane, including constructing grass swales and driveway culverts. The project is expected to cost \$99,569.

When completed, the project will benefit 47 properties and address four customer service requests, according to Pond Creek Area Team Leader David Schaftlein.



# Work on new solids process right on schedule

## Odor reduction, cost savings among benefits

In April 2000, MSD chose the Black & Veatch Corp. and J.S. Alberici Construction Co., Inc. Joint Venture to design and construct a new process for solids treatment at the Morris Forman plant. The contract for the project—\$64.6 million—is the largest in MSD's history, but the design-build approach has put the project construction ahead of schedule and will cost nearly \$32 million less than MSD initially projected.

The Alternative Solids Process will replace a low-pressure oxidation Zimpro system that has been in use—and a primary source of annoying odors—since the 1970s. The new process will provide a fertilizer product that MSD can use and reduce landfill disposal volume by 50 percent, while saving more than \$4 million a year in operation and maintenance costs.



Gary Gossett (left), a vice president with J.S. Alberici Construction Co., Inc., tells Alberici University-Louisville students the challenges of building a new process in a compact area. The monthly class for minority- and woman-owned businesses visited the Morris Forman Plant June 21.

Morris Forman Plant Team Leader Saeed Assef says the opportunity to work with the Joint Venture team through the design-build process yielded the cost savings and expedited schedule. "The flexibility of this process



When students from Black & Veatch/J.S. Alberici Construction Co.'s Alberici University-Louisville visited the Morris Forman plant June 21, instructor Ron Weise (left) made his classroom lessons hands-on for Marc Moore, one of the students.

has allowed us to expedite the trial of operating without the Zimpro system," Assef said. A trial operation could occur in early 2002.

Assef noted that the project team also has forged relationships with local minority- and woman-owned businesses to keep the project on track. To date, the Joint Venture has subcontracted 23 percent of the project work, totaling \$15 million, to minority-owned firms and 7.6 percent, about \$5 million, to woman-owned businesses.

### Floyds Fork Plant

*(continued from front page)*

Projects honored by the Kentucky chapter will compete with other state winners for national awards from APWA.

Completed in late 2000, the Floyds Fork plant was a design-build by Judy Construction and Quest Engineers. The plant will serve growing sectors of eastern Jefferson County and remove several small treatment plants from service.

In addition to the capacity to treat up to 3.25 million gallons of wastewater daily, the Floyds Fork facility includes an ecology learning center and is accessible to persons with physical handicaps.



MSD's Floyds Fork Wastewater Treatment Plant was recognized as the utility Project of the Year by the Kentucky Chapter of the American Public Works Association.



# MSD

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Metropolitan Sewer District

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## Inside *Update*

- Contracts to support area teams down 23%
- Floyds Fork Plant named project of year
- Solids process work continues at Morris Forman Plant

## Upcoming Events

### July 4

*Independence Day holiday.*  
MSD offices are closed. For 24-hour emergency service call 587-0603

### July 9

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

### July 18

*Public meeting*, Kramers/Crums Lane Sewer Collectors, 7 p.m., Southwest Government Center, 7219 Dixie Hwy.

## MSD Milestones

MSD congratulates departing employees and thanks them for their service:

- **Lisa Kirkland**, Fleet Equipment Tech Helper, resigned
- **Travis Shepard**, Area Team Field Inspector II, resigned

MSD welcomes to our team:

- **Ronald Wordlow**, Utility Trainee/Drainage

## We stand corrected

A story in the June 13 Update about roadside drainage improvements along Grade Lane described existing conditions in the area as, "Water stands year-round in roadside ditches three to four deep."

It failed to state that water stands three to four feet deep.

We apologize for the error.

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