

May 27, 1999

## Board approves settlement over Morris Forman tower collapse

In open session May 25th, the MSD Board approved a global settlement between MSD, and its insurance carrier and the contractors who designed and built bioroughing towers at the Morris Forman Wastewater Treatment Plant (MFWTP). News of the settlement was reported by The Courier-Journal and other media.

One of two bioroughing towers at MFWTP failed in 1995. The towers are an essential part of the wastewater treatment process at MFWTP, the largest treatment plant in MSD's system. After the tower failed in 1995, an investigation indicated that problems with the design and construction of the towers contributed to the failure.

MSD and its insurer, Allendale Mutual Insurance Company, filed a civil suit in Jefferson Circuit Court claiming that substandard work performed by contractors and suppliers contributed to the tower's collapse. The suit sought to recover MSD's losses incurred by the tower collapse for its reconstruction.

As a result of the global settlement and insurance money, MSD is receiving about \$7.5 million, \$5 million from its insurance carrier and the rest from parties in the settlement.

Since the tower collapsed, MSD has been rebuilding both towers, adding a number of plant enhancements, including a comprehensive odor control system, that will improve MFWTP's reliability and efficiency. With the exception of odor control, many of the costs are paid for by money MSD will receive from the settlement, according to attorney Larry Zielke of Pedley, Zielke, Gordinier, Olt & Pence, who is counsel to the MSD Board.

"The district has actually succeeded in saving its customers money," Zielke said. "MSD and its customers will have state-of-the-art bioroughing towers and odor control components in full operation in January 2000."



### Pond Creek watershed area

## Maple Grove plant taken off line

A 39-year-old wastewater treatment plant in the Okolona area has been taken off line. The Maple Grove Treatment Plant had served about 500 residences, which will now be tied into MSD's sanitary sewer system.

Built by a private developer, the Maple Grove plant was acquired by MSD in 1988. While operating, the plant had the highest number of documented sanitary sewer overflows of any facility in the Pond

Creek watershed area. As MSD extended the sanitary sewer system to serve the area, plans included taking the Maple Grove plant out of service.

MSD's Fishpool Interceptor, a 13,000-foot sewer interceptor along Fishpool Creek, will serve properties that had been served by the Maple Grove plant. The interceptor will connect the McNeely Pump Station with the existing Fishpool interceptor sewer.

### Upcoming Events

**May 27** - Public Meetings, Feys/Alva Collectors Project, 7 p.m., Lake Dreamland Fire Dept., 4603 Cane Run Rd.

**May 31** - Memorial Day. MSD offices are closed. For 24-hour service phone 587-0603.

**June 8** - Public Meeting, Dwight Eisenhower Assessment Project, 7 p.m., Southwest Government Center courtroom, 7219 Dixie Hwy.

**June 14** - Public Meeting, Black Pond Assessment Project, 7 p.m., Southwest Government Center courtroom, 7219 Dixie Hwy.

**June 16** - Public Meeting, Kramers/Crums Assessment Project, 7 p.m., Southwest Government Center courtroom, 7219 Dixie Hwy.



### Pond Creek watershed area

## Drainage work set for Cinderella Estates

In response to customer reports of ponding and stagnant water, MSD will construct rear yard drainage improvements along Theiler Lane and Dobson Court.

Improvements include constructing approximately 925 feet of new concrete ditch and 285 feet of regraded grass swale, as well as cleaning the existing drainage channel.

Berry Contracting Co., Inc., Louisville, will perform the work under an annual maintenance contract for \$87,287.



**MSD**

700 West Liberty Street  
Louisville, Kentucky 40203  
502-540-6000



## Beargrass Creek watershed area

### Alderman Johnson, MSD team up for Inverness Avenue drainage projects

Sixth Ward Alderman Dan Johnson and MSD have partnered to relieve standing water problems along Inverness Avenue.

The improvements will be made along the 300 block of Inverness from Fifth Street to Third Street, the 600 block of Inverness from Grant Avenue to Fifth Street, and the 700 and 800 blocks of Inverness from New Cut Road to Grant Avenue.

The three-phase project will improve roadside drainage, providing relief from flooding along Inverness Avenue. Planned improvements include adding more than 9,000 feet of drainage pipe, installing yard drains and catch basins, and constructing a 560-foot paved swale.

Alderman Johnson, who brought the drainage problems to MSD's attention, is contributing about \$130,000 toward the cost of repairing and restoring driveways and yards that may be disturbed by the work. MSD will pay to construct the drainage improvements in the area. Work is scheduled to begin before June 30th, the end of the current fiscal year.

Two contractors will perform the work. Precision Contracting, Inc., Louisville, was awarded the contract for the 300 block of Inverness Avenue. Michael T. Nutt, Inc., Louisville, will construct the improvements along the 600, 700 and 800 blocks of Inverness. Total cost for the three phases of the Inverness project is \$447,871.

### Next phase of Gagel drainage project to begin

The second phase of the Stafford/Gagel Avenue drainage improvement project is ready for construction. This phase will complement the detention basin built in phase one near Gagel Avenue to capture stormwater during heavy rains.

To complete the project, 1,770 feet of paved ditch will be built in an existing drainage channel, which has severely eroded and contributes to rear year flooding at 29 homes in the area.

Precision Contracting, Inc., Glendale, will complete the work at a cost of \$189,621.

### Iroquois Park detention, wetland basins planned

An erosion control project along Bruce Creek has expanded to address flooding in residential areas near Iroquois Park.

Two areas of the park will become detention basins, capturing and storing stormwater during heavy rains. The basins should significantly reduce flooding, particularly where Franelm Road and Cristland Road cross Bruce Creek, which originates in Iroquois Park and flows south to Pond Creek.

One of the detention areas is an existing wetland that Metro Parks planned to restore as part of the Olmsted Conservancy Master Plan.

The other location is a lowland beech and poplar forest area that can be used to store water after an existing culvert is modified.

Both Metro Parks and the Olmsted Conservancy are helping MSD move the project forward by providing the land and reviewing design plans.

The initial excavation and revegetation of the existing wetland area should be completed late this year. Work on both basins should be completed in spring 2000.

Sang Corporation, Louisville, will construct the basins at a cost of \$406,245.

### Combined sewer line in Cherokee Park closed

A project to separate a sewer and stormwater overflow line in Cherokee Park is nearly completed. As a result, the outfall for the line has been closed and no future discharges of combined sewage will occur at that location.

About a year ago, MSD began separating the line by installing new storm sewers and catch basins, which direct stormwater and runoff to Beargrass Creek. Getting stormwater out of the lines

substantially reduced the volume in the combined sewer line, leaving sufficient space to transport wastewater from area homes to Morris Forman Wastewater Treatment Plant.

Some work remains to finish the project, including removing private property connections, like downspouts and area drains, that are still connected to the sanitary sewer line.

### New system provides remote control of basins

A pilot telemetry system project will enable MSD to remotely access and operate the controls of two detention basins.

The telemetry system will operate the sluice gate outlet for the Locust Lane basin, located off Poplar Level Road between Preston Highway and the Kentucky Fairgrounds, and the sluice gates for the Wheeler Avenue combined sewer overflow (CSO) basin, between the Watterson Expressway and Taylor Blvd.

Also, the telemetry system will allow MSD staff to monitor the pumps and depth gauges at the Wheeler CSO basin without being at the facility, as well as operate the sluice gate outlets.

MTN Construction, Inc., Brandenburg, will install the system at a cost of \$67,255.



## Floyds Fork watershed area

### Pope Lick pump station OK'ed

Construction will soon begin on the Pope Lick Pump Station near Pope Lick Road north of I-64. When completed, the four million gallons per day wastewater pumping station will bring the first flows of wastewater to the new Floyds Fork Wastewater Treatment Plant.

In addition to constructing the pumping station, the project includes constructing 118 feet of force main, 86 feet of sewer pipe and other necessary work to connect the station to MSD's system. MAC Construction and Excavating, Inc., New Albany, will perform the work at a cost of \$1.57 million.

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