

Update

March 2009

“As a service provider,
it is our responsibility to assist
our customers through this disaster.”

— Bud Schardein
MSD Executive Director

A repeat performance for MSD: rising to meet yet another challenge

The Louisville Metro area experienced its second severe storm within a six-month period when a devastating snow-and-ice storm struck our community January 27 through February 6. This storm was compounded by subfreezing temperatures, and 200,000+ local residences, businesses, schools and churches lost power because of the snow and ice.



MSD staff and equipment were called in to plow and treat roadways throughout Louisville Metro.



Donald Larue monitored and maintained an emergency generator to power the Glenview Hills Pumping Station.



Butch O'Bannon (left) and Keith Brooks cleared snow and ice from a drainage inlet to prevent water ponding on the roadway.

- **MSD staff** immediately pulled their resources together. Under the field direction of Senior Operations Manager Dennis Thomasson, MSD's Metro Operations, Infrastructure and Flood Protection (I&FP), Engineering Division, GIS Department and Regulatory Services went to work to get generators in place for the more than 100 sanitary sewer pumping stations that had lost power.
- **GIS staff members** Loren Levitz and Eric O'Neil lent a hand by delivering fuel to generators during the event as well as performing recon. Regulatory Services and GIS staff members Julia Muller and Vicki Coombs were involved in recon on pumping stations on the lookout for overflows.
- **I&FP's** Rick Watkins and Tom Middeler coordinated with Louisville Metro Public Works staff members to summon drivers and designate shifts for snow removal and salting.
- **During this monumental cleanup effort**, tireless I&FP drivers and supervisors worked 16-hour shifts in constant rotation throughout the week to clear and salt roads and remove limbs and debris from roadways for performing snow-removal tasks. They also cleared snow and ice from catch basins, and then added salt around those basins to prevent refreezing.
- **The Customer Relations Department Call Center** fielded a significant number of both MSD calls and "311" calls to MetroCall after their business hours. Department staff handled 2,100 MSD calls and more than 3,800 calls to MetroCall from January 27 through February 6.
- **Metro Operations** worked to prevent discharges or home flooding with the use of generators and tanker trucks. Metro Operations and I&FP worked in tandem to isolate the nature of the problems and swiftly aid MSD customers wherever they were needed.
- **Dedicated Metro Operations staff members** worked extended shifts to maximize increased flows through treatment facilities during the event—at times when primary power was not available.
- **Diligent MSD crews** continue to help Metro Public Works by removing limbs and debris from fallen trees. On February 9, I&FP began providing 12 crews to assist with this cleanup effort six days each week.
- **Engineering staff** coordinated the involvement of available contractors and equipment to aid in the removal of snow, ice and downed trees at critical pumping stations and water quality treatment centers. In addition, various staff members furnished generator fuel.



MSD

• **CONNECT WITH US**

24/7 Customer Relations:
502-587-0603
TDD/TTY: 502-540-6233

• www.msdlouky.org

En español: 502-540-6423
(De 8 de la mañana a 5 de la tarde,
de Lunes a Viernes)

Upcoming Events

March 5
DiverseWorks for You Certification Orientation
 9 a.m., 700 W. Liberty

March 9
MSD Board Meeting
 10 a.m., 700 W. Liberty

March 23
MSD Board Meeting
 10 a.m., 700 W. Liberty

March 26
Joint Utility Reception
 5 p.m.-7 p.m., Galt House East

MSD Milestones

Welcome to MSD:

Leslie Brown, I&FP Technician
Celethia Neal, I&FP Technician

Congratulations on your promotion:

Kenny Gibson, Utility Leader
Maurice Nichols, Utility Worker II

Welcome to a new role:

Debra Bradley, I&FP Division

Happy service anniversary:

25 Years **Novena Gibbs**
Rickie Stout

20 Years **David Klotz**
Kathy Lynch
Renee Speight
Michael Turner

15 Years **Steve Emly**
Gregory McCraney

10 Years **Timothy Durham**
Derek Shields
Steven Williams

5 Years **Nelson Little Sr.**
Charlie Woods Jr.



Saeed Assef
Elected ITA President

The Instrumentation Testing Association (ITA) is a nonprofit technical and educational

association dedicated to promoting the reliability and performance of environmental instrumentation and automation technologies. ITA is governed by a volunteer board of directors composed of water, wastewater and industrial professionals located throughout the United States and Canada. I&FP Senior Manager Saeed Assef, who has been a board member of ITA since 2002, was recently elected as president of the international organization.

Project DRI progress

Drainage Response Initiative projects

Project DRI currently is resolving drainage problems throughout the community.

These projects are ready for construction.

1 Columbia Avenue

TSI Paving was awarded the \$55,397 Columbia Avenue Drainage Improvement Project, which will address nine service requests and benefit 18 additional properties. The work will address standing water along the roadside of Columbia Avenue and Daisy Avenue.

2 Fern Creek/Ferndale Road

This project will address standing water at the intersection of Ferndale Road and Fern Creek Road, which is a safety concern for Fern Creek High School students. TSI Paving was awarded the \$52,823 project, which will address nine service requests and benefit an additional seven properties along Fern Creek Road.

3 Irewick Way

A \$60,600 project awarded to Basham Construction will address seven service requests and will benefit 22 additional properties in District 14. The project will address roadside standing-water issues along Irewick Way.

4 Knopp Avenue

TSI Paving was awarded a \$77,414 project in District 24 to furnish an outlet for future roadside work along Knopp Avenue and Melton Avenue. This work performed along Knopp Avenue, Melton Avenue and Hawkins Avenue will address six service requests and benefit an additional 10 properties.

5 Tin Dor Way

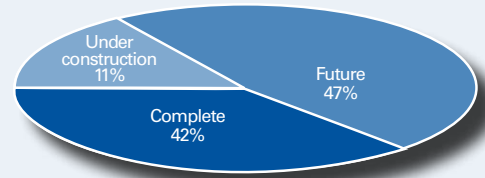
This project in District 13 will address the standing-water issues along the rear yards and roadside of Tin Dor Way and Kirsch Way. Basham Construction was awarded the \$53,790 project, which will address 12 service requests and will benefit 36 additional properties.

6 Vining and Chamberlain Lane

A \$75,330 project awarded to TSI Paving will address roadside standing-water issues along Chamberlain Lane. The work performed along Chamberlain Lane—from Seven Oaks Drive to Shenandoah Drive—will address six service requests and benefit 26 properties in District 17.



Project DRI Phase 3



Project DRI, a partnership between Louisville Metro and MSD, has improved drainage throughout the Metro area.

Fifty-three percent of the projects in Phase 3 are completed or under construction.

Windstorm follow-up

MSD staff members have met with officials from the Federal Emergency Management Agency (FEMA) to discuss the damages MSD facilities sustained as a result of the hurricane-force winds of 85 miles per hour that ravaged the Louisville Metro area along with other Midwestern cities last year on September 14. MSD is seeking to be reimbursed the allowable state and federal rates.

The federal government will reimburse 75 percent of the eligible expenditures, while the state of Kentucky will reimburse 12 percent of the eligible expenditures. MSD staff is working with FEMA to determine the reimbursement amount, but the preliminary estimates are in the range of \$400,000 to \$600,000. MSD's designated FEMA applicant agent(s) must submit the required financial data in order for reimbursement to be received.

MSD Board members recently authorized the Executive Director to name MSD's Finance Director Marion Gee and Budget Administrator Sherry Knox as the agents for the upcoming application submission for the state and federal disaster assistance.



Consent Decree interceptor work is awarded to contractors

• Sinking Fork Interceptor Relief Sewer Project

The Sinking Fork Interceptor (SFI) Relief Sewer is one part of the MSD Consent Decree’s Big Four projects to be completed by December 2011. The SFI project is included in the Beechwood Village Project, which MSD’s Board endorsed January 26, 2009, to offer wet weather relief for existing interceptors and an outlet for the Beechwood Village Collectors. Modeling efforts ascertained that the existing SFI and Woodlawn Park Interceptor have insufficient capacity for wet weather flow. The relief sewer, a bypass sewer line, is necessary to properly transport flow from the Beechwood Village Project area and prevent system overflows. The Board approved the award of a contract for \$939,950 to T&C Contracting for this work.

• Hikes Lane Interceptor and Hikes Point Relief Sewer Effort Final Design

The Hikes Lane Interceptor and Hikes Point Relief Sewer are two projects the Interim Sanitary Sewer Discharge Plan identifies for eliminating sanitary sewer overflows (SSOs) in the Hikes Point and Highgate Springs Pumping Station project area. MSD has negotiated with Strand Associates to prepare the final design for a 72-inch interceptor sewer from the Highgate Springs Pumping Station to the



The Hikes Lane Interceptor will be constructed to eliminate the SSO along this portion of Beargrass Creek at the Highgate Springs Pumping Station.

Southeastern Interceptor, and for upsizing the existing sewer from Wedgewood Way and Radiance Road to Dell Brooke Avenue and Boaires Lane. Board members recently authorized the Executive Director to execute an agreement with Strand Associates for \$662,140.

• Southeastern Interceptor Relief Sewer Project

The MSD Board allocated \$158,671 for Gresham, Smith and Partners to prepare the preliminary and final design of a relief sewer and flow alterations downstream from the Southeastern Diversion Structure in order to redirect wet weather flow to the Northern Ditch Interceptor.

Customers First

“I would like to compliment **Chris Bullock and William Cunningham** for their assistance in freeing my car from an icy parking space, in which it had been stuck for days. I could not thank them properly; I just yelled a thank-you from the car. Please pass my thanks on to them.”
— Sue Heil

“I am pleased with **Troy Smith** and his professionalism while responding to my drainage issue. It even makes me feel good about paying the drainage fee.”
— Brian Gannon

“**Tony Kimbrough and crew as well as Marya Summers** did a wonderful job of dealing with my backup during such cold weather. They were efficient, and I appreciate their dedication.”
— Stephanie Harris

“**Leila Cunningham** was genuinely kind and attentive while speaking with me about my problem. She really cares about MSD customers and represents you well.”
— Cherie Newlen

Making a difference for one of our own in need



Al Theiss (front row, center), with (left to right) Theresa Daly, Tom Harlov, Debbie Theiss and Bob Stauble, enjoyed the camaraderie during the employee association luncheon.



Louisville Cardinal balls were among the many items donated at the silent auction.

MSD’s Employees’ Association conducted a luncheon and silent auction January 23 to benefit **Al Theiss**—an MSD Field Inspector in the Engineering Development/Plan Review Department—who has been out on leave. Numerous departments throughout MSD pulled together to make up baskets for the silent-auction component of the fund-raiser. The many creative basket themes demonstrate employee resourcefulness. Some of the themes were “Barbecue/Picnic,” “Chocolate,” “Coffee,” “Game Night,” “Great Escape,” “Husband’s Survival Pack,” “Ladies’ Pamper,” “Movie Night,” “Sports,” “Valentine’s Day” and “Winter.”

Those individuals involved in this effort showed their generosity and compassion by participating in the planning process, contributing toward the baskets, purchasing lunch and raffle tickets and/or bidding at the basket auction. Al gratefully responded with “God bless you all” when employees presented him and his family members with the benefit proceeds.



MSD

Louisville and Jefferson County
Metropolitan Sewer District

700 West Liberty Street
Louisville, KY 40203-1911



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Board Actions

- In February, the MSD Board endorsed **the Thurman Drive Assessment Project Final Assessment Report**. This project enables 102 properties—bounded by Thurman Drive, Schaffner Drive, Crums Lane and Interstate 264—to receive sanitary sewer service.
- Board members recently authorized the Executive Director to replace MSD's previously approved 2003 E-5 Board policy with **the revised policy E-5 Excess Cost of Sewer Extensions**: "All new sewerage systems shall be sized, located, designed and constructed in accordance with the Master Plan or Action Plans so as to provide optimum and adequate service to existing and future users If the sewer is an extension of MSD's system, then MSD shall participate in the cost of the oversized sewer."

Willow Pond Project



MSD's Board has allotted \$158,880 for E-Z Construction Company to perform the disconnection of storm flow from the combined sewer located near the intersection of Lexington Road and Grinstead Drive. At the present time—during intense rain events—a pond in Cherokee Park backs up and overflows into a combined sewer. The project entails installing a relief line from the pond to Beargrass Creek to prevent backup into the sewer line. The work will involve installation of about 465 linear feet of 24-inch pipe, two 4-foot manholes and a catch basin for controlling the pond level.