



The Consent Decree is a long-term plan to improve water quality by eliminating sanitary sewer overflows and reducing combined sewer overflows throughout the community, including the Ohio River, which is shown above.

Below: The Derek R. Guthrie Water Quality Treatment Center is just one of the plants that NACWA honored.



Wet Weather Consent Decree is amended

The Louisville and Jefferson County Metropolitan Sewer District's Wet Weather Consent Decree was entered August 12, 2005, in the Western District of Kentucky U.S. District Court. It outlines a long-term plan to improve water quality by eliminating sanitary sewer overflows and reducing combined sewer overflows throughout the community. Many projects and activities already have been completed. Some matters necessitate clarification, however, even though the Consent Decree is characterized by the flexibility to develop and implement an effective program for alleviating overflows.

MSD conducted discussions and then entered into negotiations with the Kentucky Department of Environmental Protection, United States Environmental Protection Agency and United States Department of Justice for clarifying outstanding issues and for resolving additional alleged Clean Water Act violations that do not appear in the original Consent Decree. Substantial issues clarified or addressed in the amended Consent Decree include:

- the elimination of blending at the Jeffersontown Water Quality Treatment Center by December 31, 2015;
- phosphorous-removal implementation at the Prospect-area water quality treatment centers;
- the elimination of small Prospect-area water quality treatment centers by December 31, 2015;
- improved evaluation of—and enhancements to—water quality treatment center operating procedures; and,
- enhanced reporting.

The proposed capital-program documents summarizing the projects to mitigate the original Consent Decree currently are available for public comment from Friday, October 31, 2008, to Friday, December 5, 2008. The majority of the items that the amended Consent Decree recommends already appear in the proposed capital program. There are additional deadlines in the amended document.

In November, the MSD Board authorized its Chair and the Executive Director to enter into an amended Consent Decree with the KDEP USEPA and DOJ with respect to sanitary sewer overflows, combined sewer overflows and the operation of water quality treatment centers.

MSD receives NACWA awards

The National Association of Clean Water Agencies (NACWA) has recognized several of MSD's wastewater treatment plants (WTPs) with awards for 2007. MSD received eight of the 10 gold awards that were presented in Kentucky, which represents zero violations for the year. Additionally, eight of the nine silver awards presented in the state went to MSD.

MSD Executive Director Bud Schardein requested that John Heacock and Kevin Ries accept the NACWA awards on behalf of the West County WTP, which now is known as the Derek R. Guthrie Water Quality Treatment Center, as well as the McNeely Lake WTP. Jim Porter and Mike Brazel accepted the awards for the Lake of the Woods, Starview Estates, Cedar Creek, Berrytown and Chenoweth Hills WTPs. John Kessel and Kevin Slaughter accepted the NACWA recognition on behalf of the Huntington Creek North, Glenview Bluff, Hite Creek, Hunting Creek South, Bancroft, Ken Carla, Floyds Fork and Timberlake WTPs. The Morris Forman plant also received a gold award for 2007.



MSD

- CONNECT WITH US

24/7 Customer Relations:
502-587-0603
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- www.msdlouky.org

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

Upcoming Events

December 4

DiverseWorks for You Certification Orientation
9 a.m., 700 W. Liberty, First Floor

Wet Weather Stakeholders' Group Meeting

4:15 p.m., 700 W. Liberty, First Floor

December 11

MSD Retiree Christmas Luncheon
11 a.m., Masterson's Restaurant

December 15

MSD Board Meeting
10 a.m., 700 W. Liberty, First Floor

December 24 and 25

MSD Offices closed
For emergency service anytime, phone MSD's Customer Relations Department at (502) 587-0603.

MSD Milestones

Welcome to MSD:

Donald Duerson, Utility Trainee

Jerry Ferguson,
Human Resources Director

Justin Martin, Utility Trainee

Timothy Miller,
Administrative Services Specialist

ShaRese Moore, Accountant

Willie White, Utility Trainee

Bryant Willard,
Development Specialist I

Congratulations on your promotion:

LaTodd Bivens, Utility Worker II

Robert Carradine, Utility Worker III

Lonnie Gaines, I&FP Coordinator

Paul German, Process Tech Trainee

Andre Reese, Utility Worker III

William Sanders, Utility Worker II

Brian Stear, Fleet Administrator

Kevin Thompson,
Operator-in-Training

Laurie Washington,
I&FP Coordinator

Welcome to a new role:

Marya Summers,
Senior Customer Relations Agent

Congratulations on your retirement:

Steven Cobb, December 1

Certifiable Success

The following business has received certification from MSD's DiverseWorks program.
Brandstetter Carroll Inc./ Jill Smith Architect (WBE)
Architectural services; civil engineering; inspection services; interior design; landscape architects; transportation planning: *Jill Smith, (502) 244-1160.*

Project DRI progress

Drainage Response Initiative projects

Project DRI currently is in the process of resolving drainage problems throughout the community. The following projects are ready for construction.

Brookfield Avenue

Roadside pipe and yard drains will be installed, and driveway aprons will be replaced along the 3900 block of Brookfield Avenue—as well as part of St. Matthews Avenue—for resolving drainage-service requests because of a lack of drainage facilities or poorly defined drainage systems. The \$74,879 project will address approximately seven service requests and benefit 31 properties.

Crawford Avenue

A \$129,665 project will address approximately 10 service requests and benefit 47 properties. Roadside pipe, yard drains and paved “V” ditch will be installed, and driveway aprons will be replaced along Crawford Avenue and a portion of Six Mile Lane in order to resolve drainage-service requests due to poorly defined drainage systems or because of a lack of drainage facilities.

Industrial Boulevard

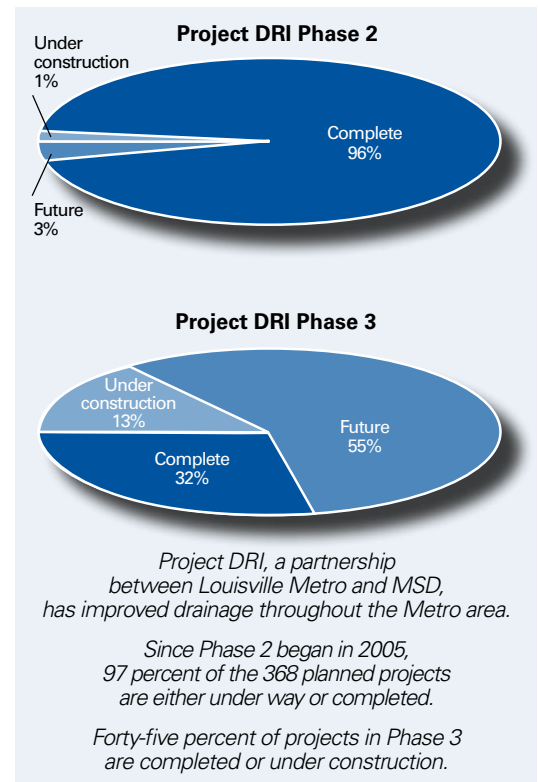
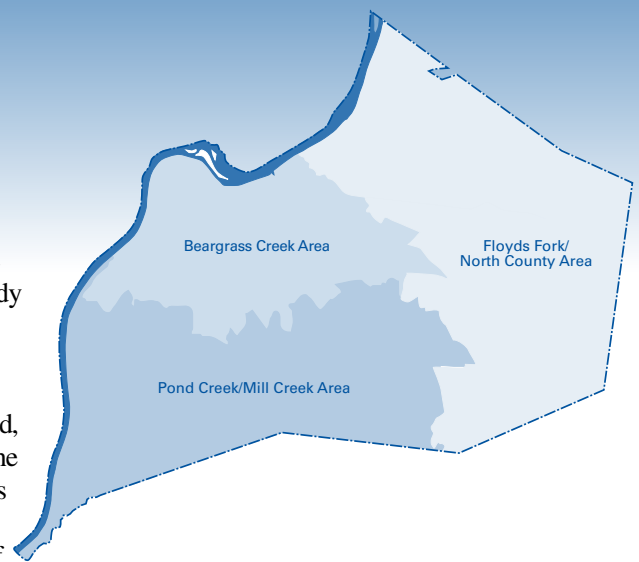
Drainage facilities—including concrete ditches and pipe, driveway aprons, headwalls and a catch basin—will be installed along the roadside of the 3000 block of Industrial Boulevard to eliminate standing water along the street. The \$70,823 project will resolve two drainage requests and benefit six additional properties.

Meadow Road

This \$125,000 project will address about 10 service requests and benefit 55 properties. Roadside pipe and yard drains will be installed, and driveway aprons will be replaced along Meadow Road to resolve drainage-service requests because of poorly defined drainage systems or due to a lack of drainage facilities.

Valla Road

Drainage facilities—including concrete pipe and ditches, driveway aprons and a catch basin—will be installed along the roadside of the 4800 block of Valla Road in order to eliminate standing water along the street. The \$72,934 project will resolve four drainage requests and benefit 36 additional properties.



Woodbury Drive

About 1,400 linear feet of 18-inch paved “V” rear-yard ditch; 1,500 linear feet of 12-inch paved “V” roadside ditch; 1,600 square yards of driveway replacement; and 800 linear feet of 8-inch driveway culvert will be installed, and restoration and other appurtenant work will be performed to address the standing-water issues along the roadside and rear yards of Woodbury Drive. This \$84,635 project will address 21 service requests and benefit 23 additional properties.

Fourth annual Veterans Day program recognizes MSD employees for their military service

MSD took time to celebrate Veterans Day on Tuesday, November 11, by honoring its employees who have served—or currently are serving—in the United States armed forces. Those who were in attendance pledged their allegiance to our country when the color guard presented the flag. MSD Executive Director H. J. Schardein Jr. led this fourth annual recognition event, which featured his remarks concerning the great importance of military service. Military officials Maj. Gen. Robert S. Silverthorne of the U.S. Army, Brig. Gen. Michael Dombush of the U.S. Air Force/U.S. Air National Guard and Col. David J. Clement of the U.S. Marine Corps also spoke. Directors Marion Gee, James Hunt, Mark Johnson and Paula Purifoy assisted in honoring our veterans.



The color guard presented the flag during the MSD Veterans Day celebration.

MSD is extremely grateful for, and proud of, its employees who have sacrificed through their U.S. military service. In addition, appreciation was extended to the Veterans Day Committee members who planned and organized the event: Duke Edwards, June Embers, Tony Glone and Deby Mettling.

The following MSD employees and Board members were honored for their service.

Ben Auclair	Garry A. Halsel	Derek Northington	John Sutton
Robert Bates	Charles W. Hamilton	Edwin O'Bannon	Don Szymanski
James P. Bobbitt	Ed Hammerbeck	Victor Palmarini	Roger Thomas
Kevin Bright	Tommy L. Harlow	Jeremy Pierson	Morris Tolbert
Virgil Brown	Kim Hill	Roderick Pulliam	James Vaughan
Robert J. Burkett Jr.	Mark Hill	Larry N. Ramsey	Richard L. Warman
Donald Burrus	Rickie Jackson	Edward D. Reynolds	Donald Wate Jr.
Morris Byrd	Isaac Johnson Jr.	Terry A. Richardson	Denzil T. Whalin Sr.
Bruce Cissell	Ken Jones	Bolden Rose III	Timothy Wierwille
Daniel Dewes	Kevin Kaufman	H. J. Schardein Jr.	Kirk Willis
Joseph Downs	Joel Keutzer	Diane Secor	Lester Wurzel
Larry Duke	Donald Lambdin Jr.	Shawn Sisk	John Yarbrough
Paul (Duke) Edwards	Donald Larison	James A. Skinner Jr.	Rick Young
James Emily	Don LaRue	Michael Slavey	Board members:
Jerry Ferguson	Noble Marks	Renee Speight	Arnold Celentano
Lonnie Gaines	Eddie McAfee	Alonzo Spencer	Jerry Clark
Stephon Ray Gazaway	Larry Miller	Randy Stambaugh	Marty Hoehler
Paul German	Derek N. Moore	Anthony (Tony) State	Doyle Stacy
David Gittings	Bobby Neal	Michael Stephenson	
Michael G. Gower	Ernie New	Donald Strabel	

Making electrical modifications

The Final Effluent Pumping Station (FEPS) at the Morris Forman Water Quality Treatment Center includes four 2,000-horsepower pumps employed to discharge treated effluent from the plant at times of high-river elevations. Variable-frequency drives (VFDs) were installed on two of them in the mid-1990s. These drives now need to be replaced because of ongoing reliability problems, and the unavailability of their parts has made them obsolete. The station's other two pumps are constant-speed pumps with full-voltage starters. Instantaneous voltage applied to the motors produces high heat, which has decreased their service life.

Current technology allows one VFD to control multiple pump motors. MSD focused on technology involving two synchronous-transfer VFDs—each being connected to two pump motors. Such action would reduce the amount of equipment and the cost associated with enabling all pumps to run at variable speeds. Furthermore, electronic soft-start units will be installed on each pump so that if a VFD is inoperative, the motors can be started on low voltage to cut their heat load and wear.

The Board recently authorized MSD's Executive Director to enter into noncompetitive negotiations with Eaton Corporation concerning its proposal to design and build the Morris Forman Water Quality Treatment Center Final Effluent Pumping Station Electrical Modifications. The construction cost limit is \$2,236,941.

Customers First

"David Gittings was courteous and patient while finding and explaining the problem with my property. He even came out in the evening." — *Harold Smith, Bon Air*

"Thank you to **Larry Cummings, Eric Sawyers, Aaron Starks** and **Mike Young**. They went above and beyond the call of duty to take care of the problem on my property; they were also very courteous." — *Ms. Georgacopoulos, Highgate Springs*

"John Brown, Walter Jackson and **Jerry Trammell** were working so hard that I think they deserve a vacation! I appreciate the way they took the time to explain what was taking place with the job." — *Nancy Breneman, Oakdale*



MSD

Louisville and Jefferson County
Metropolitan Sewer District

700 West Liberty Street
Louisville, KY 40203-1911



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Board Actions

- In November, the MSD Board authorized a **Recapture Agreement** for building infrastructure to eliminate the Berrytown, Starview, Middletown Industrial and Chenoweth Run Water Quality Treatment Centers, and for constructing a new Lake Forest Pumping Station to deliver flow to the Old Henry Force Main.
- MSD's Board recently awarded a one-year contract to Altviva Corporation, Inc. for supplying water quality treatment centers with **sodium hypochlorite** at an annual price estimated to be \$1,144,000. Sodium hypochlorite is utilized in wastewater-treatment operations for disinfection of the final effluents of both the Morris Forman and Derek R. Guthrie Water Quality Treatment Centers to satisfy effluent discharge permit requirements.
- The MSD Board in November awarded a one-year contract to Hexagon Technologies for providing **defoamer chemical** to the Morris Forman and Hite Creek Water Quality Treatment Centers for an estimated annual cost at both sites of \$72,000. Defoamer is employed to control excessive foaming in the respective facility effluents to comply with their Kentucky Pollutant Discharge Elimination System permits.
- Recently, the full MSD Board accepted **the financial audit for fiscal year 2008**. The Audit Committee met November 10 to discuss MSD's FY08 financial statements. External auditors Strothman & Company PSC and Toni Levy & Associates reviewed their audit recommendations. MSD received a clean audit opinion. MSD staff additionally discussed the financial results and related statistical data. The Management's Discussion and Analysis, which is cited in the audit opinion letter, will be included in MSD's Comprehensive Annual Financial Report.

Reaching out to benefit our community



A special focus group was formed in June 2007 at the Morris Forman Water Quality Treatment Center. Its objective is the sharing of employee and management ideas to make the facility a more efficient workplace. Morris Forman Focus Group members conducted a food drive to share their blessings with the community that they serve. This activity has resulted in the donation of approximately 1 ton of nonperishable food to the community. Group members who were involved in organizing the food drive are (left to right): **Steve Culver, Greg Brewton, Nicole Neal, Doris Harris, Roger Thomas and Corey Knox.**