

## Re-investment in infrastructure



### Did you know?

Water and wastewater utilities require more than twice the capital investment per dollar of revenue than electric utilities.

A recent study by the American Water Works Association of 20 large- and medium-sized utilities suggests that by 2030, the average utility will spend about three-and-a-half times as much on pipe replacement as it does today.

Communities that begin addressing necessary infrastructure today can help avoid customer “rate shock” in the future. That is why M.U.D. began charging water and natural gas infrastructure fees on bill statements in 2008.

In 2009, an estimated \$14 million of those fees replaced 12 miles of cast iron gas and water mains. Our goal is to grow that replacement number to 20 miles of older cast iron gas and 20 miles of water mains every year by 2015.

One of the major infrastructure improvements in 2009 was the District’s first structural lining project, which took place in the Old Market. Contractors cleaned and lined about a half mile of 10- and 12-inch cast iron mains through small excavations, instead of digging up the street with a typical trench replacement.

Infrastructure fees will fund approximately \$24 million of replacements in 2010, and barring inflationary pressures, will remain constant for the next five years.

The fees will be used to replace the oldest pipes in our system and will not be used for routine maintenance. The majority of the infrastructure replacement projects will be done in conjunction with the City of Omaha’s combined sewer separation work to save money.

## 2010 infrastructure projects

### Natural Gas

F to Martha Sts.  
21st & Martha Sts.  
20th & Woolworth Sts.  
to 19th & Leavenworth Sts.  
49th St. & Underwood Ave.  
to 48th St. & Ames Ave.  
22nd St. & J Sts. to 24th & B Sts.  
Pacific St., 54th to 68th Sts.  
49th & Grover Sts.  
to 34th & Hascall Sts.  
50th St., Grover to Center Sts.  
14th & Pierce Sts  
to 10th & Deer Park Blvd.

### Water

16th St., Ida St. to Storz Expy.  
156th St. & Bennington Rd.  
24th St., Himebaugh Ave. to Fort Sts.  
Oak St., 111th St. to Prairie Hills Dr.  
30th St., Q to S Sts.  
13th to 19th Sts., Ames to Grand Aves.  
60th St., X St. to the south  
P St., 46th Ave. to 48th St.  
24th & Fort Sts.  
Calhoun Rd., Manchester Dr.  
to Florence Heights Blvd.  
Corby St., 32nd to 37th Sts.  
114th St., Dodge to Burke Sts.  
28th St., Leavenworth to Poppleton Sts.  
Westgate Additions (structural lining)  
Mercy Rd., 73rd to 78th Sts.  
144th & Pacific Sts.  
(concrete pipe leak inspection)



**The District maintains more than 26,460 water hydrants in the Omaha metro area for fire protection.**

If you're buying a house, check with the seller or your Realtor about the existing water service or private line.

***When was it installed? Have there been repairs?***

When the service is very old and made of a material that can corrode, the water service line may be deteriorated.

If the water service line leaks, you're responsible for repairs.

Gas, Water Emergencies	554.7777
Customer Service	554.6666
(7:30 a.m. - 5:15 p.m.)	
TDD hearing impaired	504.7024
On-line bill payment	
<a href="http://myaccount.mudomaha.com">http://myaccount.mudomaha.com</a>	
Digger's hotline	811
All other numbers	504.7000



# Infrastructure

Gas and water  
mains don't last  
forever



## Investment in our future

As your natural gas and drinking water provider, we're constantly monitoring the condition of our natural gas and water distribution systems. We repair what we can and replace what we must. It's a significant expense, however it's an investment worth making.

If the pipes and valves below our streets could talk, they might remind us that they carry the very lifeblood of our community. Natural gas keeps us warm in the winter while tap water keeps us healthy and fights fires. Both support our economy and provide us with the high quality of life



we enjoy at rates that are among the lowest in the Midwest.

We all are stewards of the infrastructure that was handed down to us, and together we can keep that system strong and reliable for our children, grandchildren and future generations.

A total of 2,664 miles of gas and 2,835 miles of water pipes serve the Omaha metro area. Of the 2,664 miles of gas pipes, 544 miles are

older cast iron mains that need to be replaced. Of the 2,835 miles of water pipes, 1,262 miles are older cast iron mains that need to be replaced.

The majority of mains were installed prior to 1920; others were installed as long ago as the 1880s. However, gas and water pipes don't last forever and many are expected to wear out during the coming decades.