

**Summer  
2006**

**July-Aug-Sept**



**Drinking Water Report  
Construction Activity  
Cost Management  
Awards**

**“Serving the Community throughout the Seasons”**



**Maintaining a Healthy Infrastructure**

**2005 Annual Drinking Water Report**

The Waverly Water Division is pleased to report that our drinking water is safe and meets federal and state requirements. For the reporting period covering January 1, 2005, to December 31, 2005, the water supplied by the Waverly Water Division did not have any violations. It met the standards set forth by the Environmental Protection Agency (EPA) and the Iowa Department of Natural Resources (IDNR).

The Waverly Water Division routinely monitors for contaminants in your drinking water according to federal and state laws. The state requires us to monitor for certain contaminants monthly, annually and some less than once per year because the concentrations of these contaminants are not expected to vary from year to year.

To view the complete report you may visit the City’s website at [www.waverlyia.com](http://www.waverlyia.com) or stop by the Public Works Administration office at City Hall.



# Maintaining a Healthy Infrastructure

## Line Maintenance



Flushing and cleaning sewers help remove sediments from the pipes. This sediment occurs when pipes become partially blocked due to debris, roots or grease. Each year about 20 of the 70 miles of sanitary sewer are cleaned and checked for problems.

Flushing fire hydrants helps to remove grit from inside the pipes. This grit occurs naturally and comes from the aquifer or lime buildup in the pipes. Additionally, flushing allows us to check the operation of the hydrants and valves to insure that they work properly when we need them the most...for FIRES!!

## Flushing Hydrants



# Summer Construction Activity

## Seal Coating

The 2006 Bituminous Seal Coat Program involves the seal coating of approximately 90 city blocks. Work will take about two weeks to complete and will occur between mid-June and mid-August. Seal coating adds an extra layer of protection and three to five years of life to a street. The process also greatly improves the traction of the surface. It is often used to extend the serviceability of a road until such time reconstruction is feasible. The oil and gravel mixture is rolled into the street to seal small cracks and prevent water from reaching and deteriorating the sensitive layers of material beneath the surface.



## 9<sup>th</sup> Avenue NW Reconstruction

The proposed project involves the reconstruction of:

- 9<sup>th</sup> Avenue NW from 4<sup>th</sup> Street NW to Adams Parkway
- 4<sup>th</sup> Street NW from 9<sup>th</sup> Avenue NW to 10<sup>th</sup> Avenue NW
- 1<sup>st</sup> Street NW from Adams Parkway to 9<sup>th</sup> Avenue NW

Work will take about six weeks to complete and will occur between mid-June and mid-August. The reconstruction will involve rebuilding the roadway between the curb and gutters with a full-depth asphalt pavement. Additionally, this project will include some water and sewer utility work.



## 3<sup>rd</sup> Street SE Bridge Repairs

The issue of repairing and maintaining the 3<sup>rd</sup> Street SE Bridge is not new and will undoubtedly continue for years or decades to come. The City must be diligent to inspect and proactively identify future repair and maintenance projects so necessary work can be undertaken prior to a mandatory closing resulting from structural deficiencies as occurred in 1970. Based on City Council discussions over the past couple of years, a project of limited scope to replace the sidewalk system is currently proposed. The replacement of the sidewalk is critical since the concrete deterioration appears to be accelerating and upon the next biennial bridge inspection, it may need to be closed due to structural deficiencies. Work will occur between mid-June and mid-August.



# Saving Money ... Saving Energy

## Wastewater Treatment Plant Improvements

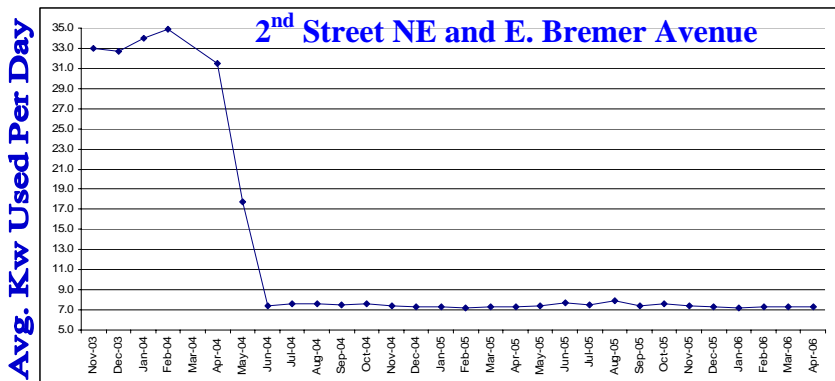
The current work at the Wastewater Treatment Facility will replace equipment at the main lift station and pipe methane gas to a new replacement boiler system. This work is necessary to keep the plant in a good healthy state of repair and improve energy efficiency. Given the current price of natural gas and the favorable bid for the project, the anticipated payback on the new dual-fuel boiler is only 2.6 years. The estimated natural gas savings will be over \$21,000 annually.



## Traffic Signals

The City of Waverly, with the help of Waverly Light & Power, is now saving about \$1,000 in electricity per year at every signalized intersection. In June 2004 the green and red lights were replaced with LED lenses that use only 20-25% as much electricity. (Refer to the chart below.)

*There are 14 signalized intersections in Waverly; therefore, the annual savings to the community is \$14,000.*



## Message from the Director

Dear Citizens,

Recently the City Council adopted water and sewer rate increases necessary to keep the utility funds solvent. The typical residential customer will see both water and sewer rates increase by 5% beginning June 2006 and 5% again in June 2007.

While the rate increases seem to be in excess of an inflationary adjustment, the City's bond council has indicated that the average statewide water and sewer rates are increasing at 6-7% annually. Additionally, construction costs and material prices for items such as steel, cement and oil products have experienced annual increases well in excess of 10%.

The Waverly Public Works Department is committed to providing our citizens with safe, effective and efficient products and services. To that end we want you to know that we continue to diligently work to give you reliable, sustainable and healthy water and sewer utility systems.

Sincerely,

Mike Cherry  
Director of Public Works

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Presort  
Standard  
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Waverly, IA  
Permit No.2

**Postal Customer**  
Carrier Route Presort

**Continuing the Tradition of  
Award Winning Service & Projects**

**Iowa Rural Water Association  
2005 Community Operator of the Year  
Alan Ellwanger  
City of Waverly**



This award is presented to an outstanding community operator who has gone above and beyond the normal requirements of their job. Mr. Alan Ellwanger has been with the Community of Waverly for 30 years performing a wide variety of duties. For his dedication and commitment to his community and the profession of operators throughout Iowa, the Iowa Rural Water Association was proud to present Mr. Ellwanger with the 2005 Community Operator of the Year Award.



**Asphalt Paving Association of Iowa  
2005 Smoothness Award  
Municipal Street Paving  
39<sup>th</sup> Street Reconstruction**

This award is presented to the city with the smoothest full-depth asphalt street built in 2005. The City contracted with Heartland Asphalt, Inc. to rebuild the narrow rural-type street into a modern roadway that meets today's design standards and enhances safety. Congratulations to Heartland Asphalt for a project well done! **This is the 5<sup>th</sup> award winning city project for Waverly in just the past 5 years.**



**[www.waverlyia.com](http://www.waverlyia.com)**

**Public Works Administration 352-9065  
Public Services 352-6247**

**Waverly's Department of Public Works ... "Serving the Community throughout the Seasons"**