Other Preventative Maintenance Activities

Planned preventative maintenance of our sanitary and storm sewers is one of the strongest tools the city may possess against Mother Nature. These programs provide for systematic inspection, detection and corrective measure before problems occur or before they develop into major defects. Our dedicated crew completed the following:

- **STORM SEWER MAINS** have been **CLEANED** on 66 streets and over 3400 catch basins have been cleaned.
- **STORM SEWERS REPAIRED**, replaced or improved include 41 storm mains, 31 culvert pipes and over 200 lateral connections.
- 713 **CATCH BASINS** have been **RECONSTRUCTED** or newly installed.
- **CCTV INSPECTIONS** have been completed for **SANITARY SEWERS** on 115 streets and **STORM MAINS** on 152 streets.
- **SANITARY SEWER REPAIRS** include six sewer mains, 14 manholes and 118 laterals.
- **CLEANED** and graded **STORM SEWER OUTFALLS** along creeks and streams at 39 locations.
- **PRIVATE PROPERTY DYE TESTS** have been performed at 195 locations after finding defects through smoke testing of **SANITARY SEWERS**.
- **34 HOA's** and property owners are actively involved in our **PRIVATE PROPERTY DETENTION/RETENTION BASIN INSPECTION** and maintenance program.
- Using inspection reports and video, 13,825 linear feet of **SEWER PIPE**s were cleaned, **PRESSURE TESTED** **SEWER JOINTS** and **GROUTED** if necessary throughout the city.
- Before and after rain events and at least monthly, our **Sewer Division crews INSPECTED AND CLEANED** 160 regular locations where storm water flows into inlets or bottleneck locations.

In 2008 the Sewer Division completed a **PREVENTATIVE MAINTENANCE CLEANING** cycle through our entire **SANITARY SEWER** system and have since completed 60% of another cleaning cycle.

**Storm Water Committee**

<table>
<thead>
<tr>
<th>Ward 1</th>
<th>Ward 2</th>
<th>Ward 3</th>
<th>Ward 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard A. Bell</td>
<td>Robert N. Pelonis</td>
<td>Tony M. Richmond</td>
<td>William D. Mooney</td>
</tr>
</tbody>
</table>

**City Employees**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Busch, PE</td>
<td>City Engineer</td>
</tr>
<tr>
<td>Tom Bandera</td>
<td>Director of City Services</td>
</tr>
<tr>
<td>Dan Driscoll</td>
<td>Construction Project Adminis</td>
</tr>
<tr>
<td>Bill Oresk</td>
<td>Sewer Division Manager</td>
</tr>
<tr>
<td>Bob Basco</td>
<td>Stormwater Committee Secretary</td>
</tr>
<tr>
<td>Marcia Rizzo</td>
<td>Sewer Division Secretary</td>
</tr>
</tbody>
</table>

It has been seven years since we experienced two of the worst rain storms that have ever occurred in our city. As a result of the flooding and damage caused by those storms, the city embarked on a comprehensive mission to identify and address our storm water management needs.

Some of the programs initiated to identify and evaluate problems in our storm water management system and plan infrastructure improvement projects include flow monitoring, flow modeling, smoke testing and dye testing. The map provided with this year’s message clearly shows that many improvements, large and small, have resulted from this information and many more projects are planned for this year. These accomplishments are reported to our Citizen’s Committee on Storm Water, which was formed in 2006 and still meets quarterly to this day.

Public involvement has also played a major role in the success of our improved storm water management program. Citizens actively participate in our private property detention/retention inspection and maintenance program. Residents have also become better informed about their role in storm water quality and management through activities such as our pond maintenance and rain garden workshops and our environmental survey.

As you can see, there has been a considerable amount of progress since the storms of 2005 and 2006. These accomplishments have been made possible by the commitment of an entire community working toward a common goal. Though it is impossible to completely protect ourselves from every possible storm event, we are effectively managing severe rainfalls and making improvements that will lessen the devastating effects resulting from storms as experienced in the past. Our storm water system has been tested and served us well during several large storms in more recent years, including 2011 when the amount of rainfall we experienced surpassed our previous record by 10 inches.

Storm water management will remain among our highest priorities. The city’s daily preventative maintenance, annual infrastructure improvements and regular public education and involvement programs will continue. We thank you for your continued cooperation and participation in our storm water management program and look forward to another productive year.

Mayor Susan A. Drucker

The City of Solon
CITY OF SOLON
STORM WATER UPDATE
2006-2012

Postal Customer
Solon, OH 44139
A watershed is the area of land where all of the water that is under it or drains off of it goes into the same place.

What watershed do you live in?