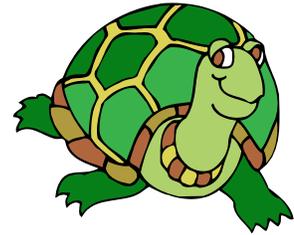




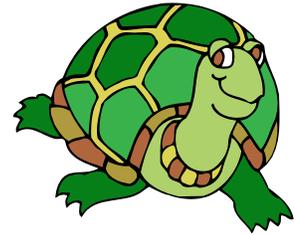
**City of Woodland
Public Works Utility Branch
Storm Division
Frequently Asked Questions**



- Q. Why are we paying for new development storm drainage?**
A. New development pays for their storm drainage just like they pay for sewer and water systems. The City of Woodland still needs to pay for the existing system needs and improvements. The storm water discharge regulations are changing and these changes will put new burdens on the existing city system that we will need to install and fund.
- Q. Is our storm water treated at the City of Woodland Water Pollution Control Plant (WPCP)?**
A. None of our storm water is treated at the WPCP. Some of our storm water may go through ponds where some fine materials may settle out but most of our storm water is pumped into the out fall channel where it flows to the Tule Canal and then the Sacramento River. That is why it is so important to keep oils, paint, and other pollutants out of our storm drainage system.
- Q. How are the Storm Drainage Funds spent?**
A. The City of Woodland collects ~\$168,000 per year from the utility bills (\$0.48 per month). The City of Woodland is currently spending ~\$750,000 this year on Storm Drainage Operations and Maintenance. The difference comes from the City of Woodland's General Fund. The City should be spending ~\$1.5 million per year to keep up with new requirements.
- Q. What are some of the needed improvements to the Storm Drainage System?**
A. There are several places where storm flows enter the City of Woodland and cause problems for City of Woodland maintenance crews and residents. On New Year's Eve water from south of town came into Donner Way homes and flooded streets. Storm flows and sediment also come into town from the west on Main, Beamer, and Woodland Avenue. The City of Woodland's Storm Drainage Facilities Master Plan proposes to address these problems with improved channels to either convey the water to or around the City.
- Q. How often is the storm drain system cleaned?**
A. At present, there is no regular cleaning plan, but when sections of pipe are blocked by trash or debris that section is cleaned. All of the City of Woodland drop inlets and siphons are cleaned annually with our vacuum trucks. These trucks can clean ~ 1,800 feet of storm drain a day. In the future regulations may require the City of Woodland crews to clean the drainage system on a regular basis. It would take over one year for a full time crew to clean our system.



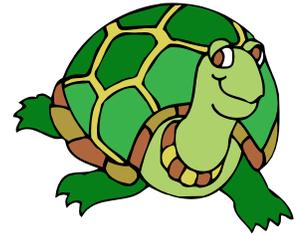
**City of Woodland
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- Q. How do you know the condition of the drainage system?**
A. The City of Woodland has a truck mounted Closed Circuit TV system to evaluate sewers and storm drainage pipelines. A larger camera has been purchased to allow inspection of the larger diameter pipelines in the system. It takes just as long to inspect a pipeline as it takes to clean a pipeline.
- Q. Why do some older parts of the City of Woodland streets flood during large storms?**
A. The older parts of Woodland do not have a system of under street storm drain pipes. The first storm drainage pipes were installed in the City of Woodland in 1951 that connected to the outfall channel. Many of the drainage inlets you see in the older parts of the City are actually siphons that move water under the crossing street crown to lower street flood depths. Other parts of the City were designed to different standards so that during large events the water will pool in the streets. Present City of Woodland standards call for the pipe drainage system to take the ten-year storm, and have the 100-year storm drain on the streets to a safe outlet.
- Q. Where does the water go to?**
A. All water run off ends up in Tully Canal and then into the Sacramento River.
- Q. What is the biggest cause of pollution in the City of Woodland storm water system?**
A. People are responsible for most of the pollution that reaches our storm drainage system.
- Q. Why is the cause for street flooding?**
A. The 2 main causes are; leaves and debris blocking the inlet grate, or the system has reached it capacity.
- Q. How does the water get out the City of Woodland?**
A. All drainage water is gravity feed through pipes, ditches, or open channels to the East Main Street Lift Pump Station and then picked up and pumped to the out fall channel.
- Q. Why should I care about water quality?**
A. All drainage water flows into Tully Canal untreated. This means pollution of storm/drainage water has a direct impact on our immediate environment.
- Q. How many miles of storm pipe lines are there in the City of Woodland?**
A. There are 80 miles and growing daily.



**City of Woodland
Public Works Utility Branch
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Frequently Asked Questions**



- Q. What is the biggest diameter line in the City of Woodland?**
A. At present, the largest is an 84 inch diameter concrete pipe in East Main Street.
- Q. Who do I contact if I experience flooding in my neighborhood?**
A. Call the Public Works Office during normal working at 661-5962. After hours contact County Communications at 666-8920.
- Q. Why is my storm drain full of water?**
A. Many drains in the old section of down were designed to transfer water from one side of the street to the other side. This design is intended to hold water. This type of drain is referred to as an inverted siphon. City crews clean this type of inlet on an annual basis.
- Q. How do I get sand bags?**
A. Sandbag operation is run by the Parks and Recreation, and implemented under special circumstance.