

# WATER & SEWER

How it works!



*The Village at*  
Wolf Creek

## Water Plant



- Located just off the #15 tee of Links course and adjacent to Highway 2A 7 #604
- Has underground storage supplied by the Red deer River Commission pipeline.
- All water is maintained by level 1 operators and monitored daily.
- The Plant is a transfer plant which circulates water throughout the subdivision at about 55-58 PSI.
- Pressure is increased in summer to accommodate irrigation systems.

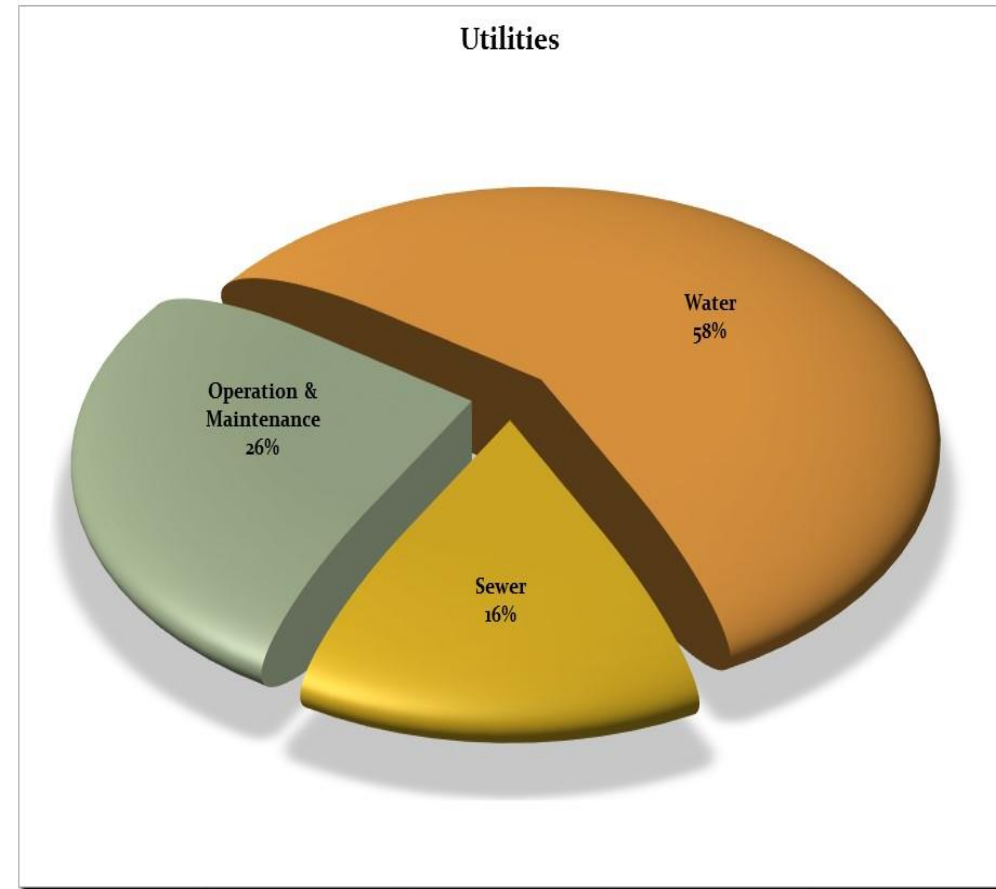
## Metering



- Water flows from the main line which is located in middle of road and then connects to your curbstop in front of your house.
- Each home has a accu-flow meter that is radio controlled. You will also have a filter before the meter.
- Flow amounts are taken once a month, your water rate is set by the Commission plus added costs for daily bleeds and monthly flushing required by department of environment.

## Where your costs go to!

- Wolf Creek maintains and owns two plants one for Water and the other for wastewater.
- Most of your costs are directed by the amount of water you use, which in turn controls the amount of waste which is set at 40% of the flow.
- Operation and Maintenance is a key factor in maintaining the plants, the fee is set based on estimated cost per plant on a monthly basis, is however will not reach a breakeven amount until at least 50 homes.
- Operation and maintenance is required by law set by the dept. of Environment.
- The utility company is owned by the Villages and each homeowner has to contribute to it's maintenance.



# How the Sewer System works

- The Villages operates a low pressure sewer system that is specifically designed for smaller developments with variations in elevations.
- Your system will either be a dry system which is completely encased and no visible storage or a wet system in which your pump is inside a septic tank.
- All pumps are special e-one grinder pumps that operate on a float system and grind sewer into slurry while it pumps it into the main line.
- The low pressure volume moves the sewage towards our septic plant located on the Links front nine.
- All our sewage is cleaned through our ozone cleaning system and then used as irrigation water for golf course.

## • Dry system



## • Wet system



# WASTE WATER TREATMENT PLANT

- Our Plant is located half way down #3 on the Links course.
- It has an outflow to the pond which is used for irrigation on the golf course.
- Our Plant uses a Ozone Diffusion system, which is a all natural system using no chemicals.
- The Plant is odorless and very quite.
- All sewage from your home goes directly to the plant to be processed back into water.

