

# **LAKE NORMAN WOODS HOMEOWNERS ASSOCIATION**

## **WASTEWATER TREATMENT SYSTEM CARE**

The Lake Norman Woods waste treatment system is very similar to a larger municipal waste treatment system and requires many of the same considerations, and sometimes more care due to the smaller size. The treatment process is a biological digestion process and can be disrupted in a number of ways.

- Never pour hazardous materials into the sewer system. Not only will they disrupt the treatment process, but any hazardous materials that are introduced into Lake Norman by our treatment plant could subject our Association to very large fines. (which will end up being paid by us homeowners:
- Hold grease and greasy food scraps o a minimum. It is better to pour grease into a container and dispose of it in the household garage. Grease coagulates in the waste treatment system and blocks pumps and piping.
- Be careful with garbage disposals. Don't overload the treatment system with food scraps that will not dissolve in water.
- Never flush disposable diapers, paper other than toilet paper, rags or other items that don't readily dissolve in water, down the toilet. These items will clog up the pumps or even destroy the pump impellers. Cleaning out and replacing treatment plant pumps is very expensive and a clogged pump also creates a risk of a sewage spill.
- For those homes on the "forced main" system, the above suggestions are VERY important. First, any rags, diapers, or hard items in the wastewater will very likely damage your grinder pump. Grease and foreign material in the smaller piping of the forced main is likely to collect in the low spots of the system and cause expensive piping repairs.