

# SECTION 5

## TYPES OF SUBSURFACE SEWAGE DISPOSAL SYSTEMS AUTHORIZED FOR USE

The Williamson County Department of Sewage Disposal Management and the Williamson County Board of Health, provides that the types of subsurface sewage disposal systems outlined in this section may be utilized for the purposes of on-site sewage disposal. The Department shall have the authority to designate which type of subsurface sewage disposal system is appropriate for any property within the boundaries of Williamson County.

### A. Types of Systems Authorized for Use

The only types of subsurface sewage disposal systems that shall be considered for enacting repairs of subsurface sewage disposal systems, for use with new construction, or for use with the placement of new structures (i.e. manufactured structures, buildings, homes, etc.), are:

1. Conventional systems - See *Section 15*
2. Low Pressure Pipe systems - See *Appendix 3*
  - (a) Standard LPP (LPP) systems - not requiring soil modification
  - (b) Modified LPP (MLPP) systems - requiring soil modification
3. Mound systems - See *Appendix 4*
4. Advanced Treatment Systems (ATS) - See *Section 38*
5. Subsurface Drip Disposal (SDD or Drip) systems - See *Section 39*

The Department shall not permit nor allow the use of any other type of subsurface sewage disposal system.

### B. Experimental Systems

#### 1. Use of Experimental Systems

The use of experimental subsurface sewage disposal systems is restricted to use on properties for repair purposes only, where existing structures, buildings or homes, have non-functioning or non-existent subsurface sewage disposal systems, and there does not exist, on said properties, the proper soils conditions to allow for an installation of a subsurface sewage disposal system so as to be in accordance with the provisions of these regulations.

At present, the only types of experimental subsurface sewage disposal systems allowed for use, under the aforementioned conditions, are:

- (a) Modified Wisconsin Mound systems - See *Appendix 4*
- (b) MLPP systems with Extra Modification (MLPP/EM) - See *Appendix 3*

The Williamson County Board of Health may approve the use of other types of experimental systems on an individual, case-by-case basis.

#### 2. Legal Requirements

In cases where an experimental sewage disposal system is necessary to bring a property within compliance of these regulations, this Department shall require the implementation of a legal agreement between the property owner and the County, and the implementation of a Restrictive Covenant. The Restrictive Covenant shall be attached to the deed of property in question. The restrictive covenant is implemented to identify the fact that the property is being served by an experimental sewage disposal system, which is a non-standard means of on-site sewage disposal.

In addition to the aforementioned requirements, the use of the experimental system must also be approved by the Williamson County Board of Health. Board approval shall be given prior to the issuance of a permit by the Department allowing the construction of the experimental system on a property.