WASTE STABILIZATION POND

This system uses a pond to treat the liquid after it is discharged from a septic tank. These systems can be an alternative to subsurface systems where poor soils exist. After treatment, the liquid is discharged from the pond.

Advantages
Inexpensive system to install
Low maintenance, pump septic tank every 3-5 years, mow banks of pond

Disadvantages
Large area for required for construction
Creates an attractive nuisance for children and pets, should be fenced

PLAN VIEW

Inlet

3:1 to 4:1 Horizontal to Vertical Grade on All Embankments Above Waterline

2:1 to Horizontal to Vertical Grade on Embankments Below Waterline

Concrete Block Supporters

3' - 5' Uniform Depth

10' MIN.

4" Diameter Pipe and "T" Baffle at 3' - 5' Depth

2' Crown

Toe

SECTION VIEW

Ground Level

2'

2' Freeboard

4" Diameter Pipe and "T" Baffle

2'

Outlet

Concrete Block Supports Every 10' Minimum