

## EXPERIMENTAL AND ALTERNATIVE OWTS

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### OWTS SYSTEMS

#### A. Approved Experimental OWTS

1. Bottomless Sand Filters
2. Gravel less Pressurized Dispersal Channel (GPDC)

#### B. Approved Alternative OWTS

1. Wisconsin Mound System
  - a. An above ground system built with a gravel bed and sand area
  - b. Pressure distribution
  - c. Sites with shallow soils
2. At Grade System
  - a. An above ground system built with gravel
  - b. Pressure distribution
  - c. Sites with shallow soils
3. Drip System
  - a. Shallow subsurface dispersal
  - b. Time dosing, pressure distribution and flexible tubing
  - c. Sites with shallow soils; steep slopes (greater than 30 percent variance)
4. Shallow Trench Pressure Distribution (STPD)
  - a. Pressurized trench system for sites with shallow top soils over slowly permeable or fractured rock
  - b. On slopes up to 30 percent
5. Shallow in Ground (SIG)
  - a. Utilize shallow depth trenches and pressure distribution
  - b. Minimum if 24 inches of soil below the trench bottom

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The following units have been evaluated by Permit Sonoma and approved for installation according to the manufacturer's specifications.

### PRETREATMENT UNITS

#### Experimental

1. Aqua Filter
2. Pura System SBR (aeration system), Models PS1-4 through PS1-8 and PS1-9 through PS-14
3. EZ-treat (Recirculating Synthetic Filter)
4. Aqua Klear (Air diffuser)

#### Alternative

1. Peat Moss Systems
2. Recirculating Sand Filter
3. Single Pass Sand Filter
4. Advantex Units (filter fabric)
5. Clearstream
6. Bio-Microbics Fast
7. Hoot Aerobic
8. Microseptic Enviroserver
9. Multiflo
10. Norweco Singulair
11. Norweco Biokinetic Singulair
12. Nayadic
13. Peat filter
14. Southern Aerobic
15. Whitewater Aerobic