

## CHAPTER III

### MANAGEMENT OPTIONS FOR ACHIEVING CONSERVATION GOALS

Water conservation can be achieved within a community or rural water system in two ways -- supply management or demand management. In supply management the utility conserves within the supply system, while in demand management the user conserves within his home or business.<sup>15</sup>

#### SUPPLY MANAGEMENT

Since the supply system is under the direct control of the local governing entity, saving water within the system is relatively straight forward. If adequate funding and/or labor is available, system improvements to reduce waste and loss can be implemented to save water without involving users.

Supply management should be used to achieve the following types of conservation goals:

1. Long-term (and under certain circumstances, short-term) use reduction;
2. Average or peak use reduction (if problem is caused by inadequate pipe capacity or inadequate storage capacity; and
3. Low or high percentage reduction.

Supply management may be useful for reaching short-term goals if a water supply system has not been adequately maintained over the years. It can also be helpful for peak use goals if the problem is caused by inadequate storage capacity or inadequate pipe capacity.