

## SEASONAL SHUTDOWN

Seasonally operated water systems must be shutdown carefully in the fall to minimize the potential for winter damage. You must inform the State and the supervisor's office when a public system is closed for the year. Failure to notify the State of the closure will result in violations for failure to take required routine samples. Inform the supervisor's office when nonpublic water systems are closed for the year.

### Springs

- Open the winter bypass valve for the spring box and shut the valve to the distribution lines (figure 56).



Figure 56—Open winter bypass valve.

- Drain tanks and lines. Close drain valves to prevent ground water from backing up into the system through the drain valves (figure 57). An open hydrant at the top of the system aids draining by allowing air to replace the water leaving the lines.



Figure 57—Drain all water lines.

- Remove any hydrants or other components that may be subject to winter damage and store properly. Cap open line ends where components were removed (figure 58). Store components in a secure, dry location.



Figure 58—Cap lines when components are removed to keep pipes clean.

## **Wells**

- Drain tanks and lines, and close drain valves to prevent ground water from backing up into the system through the drain valves. An open hydrant at the top of the system aids draining by allowing air to replace the water leaving the lines.
- Remove any hydrants or other components that may be subject to winter damage and store properly. Cap open line ends where components were removed. Store components in a secure, dry location.
- Empty the chlorine solution tank.