

**SOUTH KIRBYVILLE RURAL  
WATER SUPPLY CORPORATION**

**WATER CONSERVATION PLAN  
AND  
DROUGHT CONTINGENCY PLAN**

**UPDATED 2015**

## **SOUTH KIRBYVILLE RURAL WATER SUPPLY CORPORATION**

### **WATER CONSERVATION PLAN**

#### **A. PLAN ELEMENTS**

##### **1. Education and Information**

- a. First Year Program - Distribution of educational materials to all customers will be made each year at the time the annual meeting notice is mailed out. The initial mail out will explain the need for water conservation and methods to assist users through educational material available. Tips concerning water conservation will be printed on monthly billing cards. A part of the annual Stockholders meeting agenda will be devoted to water conservation.
- b. Long Term Program - Tips on water conservation will be changed at each printing of new cards, and the billing computer will be keyed to spot high water users so the management of system can spend individual time with those customers to express concern.
- c. Information to New Customers - New customers receive general water conservation information when applying for water service through educational material and letter from the Board.

##### **2. Water Conservation Plumbing Code**

The Corporation has no plumbing codes. Builders in the area utilize local codes when constructing or remodeling homes. The Corporation will encourage local builders and developers to use water conservation plumbing fixtures in new construction and replacing of existing fixtures.

##### **3. Water Conservation Retrofit Program**

Customers will be encouraged each year to install water saving devices and will be encouraged to replace their old plumbing fixtures. Customers will be informed of water saving kits available to aid in their water conservation efforts.

##### **4. Conservation-Oriented Water Rate Structure**

The Corporation will adopt a policy of only raising the over minimum rate whenever the rate structure has to be adjusted and consider a higher rate per thousand after a certain amount of water is used.

5. Universal Metering and Meter Repair and Replacement

The Corporation currently meters 100% of the water used. The system has a policy of testing meters which appear to have abnormally high or low water usage. Incorporated into the Water Conservation Plan, the system will set up the following meter testing schedule:

- a. Production Meters - test once a year.
- b. Meters larger than 1" - every two years.

6. Water Conservation Landscaping

The Corporation does not have the authority to establish subdivision regulations which would require developers to plant only low water using plants and grasses. The information program will include suggestions on landscaping and irrigation procedures which will save water usage and money.

7. Water Audits and Leak Detection

The Corporation currently has a leak detection program which will be maintained. The program includes:

- a. Monthly water use accounting which identified high water use after the service meters are read possibly indicating leaks. The high use meters are monitored to determine if a leak is involved. The accounting also compares the amount of water produced with the amount sold.
- b. Constant monitoring of facilities which identified major water main breaks.
- c. Visual inspection of meter reader and staff employees who keep a constant watch out for abnormal conditions indicating leaks.
- d. An adequate maintenance staff which is available to repair any leaks.

8. Recycling and Reuse

The Corporation has no means to recycle or reuse water. There are no customers at this time that would be able to recycle water.

9. Means of Implementation and Enforcement

The Water Conservation Plan will be officially adopted by the Board of Directors of the Corporation and reviewed annually.

B. ANNUAL REPORTING

The Corporation will present an Annual Report to the Stockholders which addresses the following: implementation progress, public response and effectiveness of Water Conservation Plan.

C. CONTRACTS WITH OTHER POLITICAL SUBDIVISIONS

In the future, if the Corporation sells water to another source such as a political subdivision or other entities, the contract will include (1) to adopt a water conservation plan or (2) have a plan in effect that is similar to this water conservation plan.



## **SOUTH KIRBYVILLE RURAL WATER SUPPLY CORPORATION**

### **DROUGHT CONTINGENCY PLAN**

Based on weather conditions or 90% of Corporation plant capacity, the following measures will be implemented:

- A. Inform public by giving notices of a mild drought to the customers within the system, the posting of the notice, and notifying news media of the mild drought.
- B. Included in the information to the public will be the recommendation that water users look for ways to conserve water.
- C. Public will be advised of the existing condition.  
Emergency Rationing Program adopted for emergency use only during periods of acute water shortage is as follows:

- 1. Declaration of Emergency

When the system demand exceeds supply or storage capability measured over a twenty-four hour (24) period, and refilling the storage facilities is rendered impossible, the Corporation may declare an emergency to exist, and thereafter ration water in the following manner.

- 2. Notice Requirements

Written notice of the proposed rationing shall be mailed or delivered to each Member seventy-two (72) hours before the Corporation actually starts the program, and shall also be placed in a local newspaper. The Member notice shall contain the following information:

- a. The date rationing shall begin
- b. The date rationing shall end
- c. The stage (level) of rationing to be employed, and
- d. A copy of this rationing authority

- 3. Stage Levels of Rationing

- a. STAGE I (Mild Rationing Conditions) - Alternate day usage of water for outdoor purposes such as lawns, gardens, car washing, etc. The provisions for alternate day use shall be specified by the Corporation in the written notice.
- b. STAGE I-A (Limited Water Usage) - The Corporation may limit water usage to a gallonage determined by the water system's

supply capability to provide continuous service prorated over all Members served by the water plant. Water restrictors may be installed for Members that exceed the limited gallonage determined by the system's mechanical capability. A flow restrictor shall be installed at the Members expense (not to exceed actual costs of \$50.00).

Tampering with the flow restrictor will result in water service termination for seven (7) days. The normal Service Trip Fee of the Corporation shall apply for restoration of Service. The Maximum number of gallons per meter per month shall be contained in the notice to each Member.

- c. STAGE II (Moderate Ration Conditions). - All outdoor water usage is prohibited; however, usage for livestock is exempt.
- d. STAGE III (Severe rationing Conditions) - All outdoor water usage is prohibited; livestock may be exempted by the Corporation. All consumption shall be limited to each Member in one of the following ways:
  - (1) A fixed percentage of each Members average use in the prior month, the percentage to be uniformly applies on a system wide basis, each Member being notified of this percentage amount, OR
  - (2) A maximum number of gallons per meter (Member) per week, with notice to each Member of this number.

#### 4 Violation of Emergency Rationing Rules

- a. First Violation - The Corporation may install a flow restrictor in the line to limit the amount of water which will pass through the meter in a twenty-four (24) hour period. The cost to be charged to the Member's account shall be the actual installed cost to the Corporation, not to Exceed \$50.00.
- b. Subsequent Violations - The Corporation may terminate service at the meter for a period of seven (7) days, or until the end of the calendar month, whichever is LESS. The Normal Service Trip Fee of the Corporation shall apply for restoration of service.

#### 5. Exemptions or Variances from Rationing Rules

The Board of Directors may grant any Member an exemption or variance from the uniform rationing program, for good cause, The Corporation shall treat all Members equally concerning exemptions and variances, and shall not employ discrimination in such grants.

6. Rates

All existing rate schedules shall remain in effect during the rationing period, and no charges may be levied against a member other than the charges outlined in this plan.

The purpose of this Emergency Rationing Program is to conserve the total amount of water demanded from the Corporation until the supply can be restored to normal levels. This rationing program shall not exceed sixty (60) days without extension by the Board of Directors.