

DROUGHT CONTINGENCY PLAN

Executive Summary

Drought is a natural climatic condition which has occurred many times in the past and which will occur again. The purpose of this plan is to provide a management framework for dealing with drought. In addition, it may be used to manage water emergencies that result in temporary loss or reduction in service due to non-climate related factors.

The Drought Contingency Plan is triggered by reductions in surface water allotment or by the inability to satisfy system water demand for any reason. The plan is triggered in stages based on allotment or when demand is projected to exceed supply. Each drought or water emergency stage is associated with a menu of response measures. Each successive stage from Stage I to Stage III represents an increasingly severe condition and includes an increasingly stringent list of response measures.

PURPOSE

The purpose of this Drought Contingency Plan is as follows:

- to provide contingency plans to manage drought and emergency conditions.

- to continue to deliver a cost effective, adequate, safe and reliable supply of high quality water.

- to assist in implementing the Lower Colorado River Authority Plan which identifies the need to plan for periods of critical water shortages as a result of drought.

- to identify successful public information strategies which will motivate the community to reduce normal consumption to drought allowances.

- to recommend a programmed response for each stage which would most effectively reduce water consumption to the available supply with the least adverse impact on the residents of the Lower Colorado River planning area..

DROUGHT CONTINGENCY PLAN (continued)

Drought and Water Emergency Response Management

Specific drought contingency responses are listed according to stage. Stages are dependant on the ability of SCVWSC members to foresee points which would affect water availability. Such restrictions apply only to the use of potable water. After implementation of the Drought Contingency Plan, the SCVWSC members may request implementation of any or all of the following:

STAGE I: MILD DROUGHT CONDITIONS

Conditions: The seven (7) day average of water production is within 10 percent of the maximum pumping capacity or, if the water storage capacity falls to within 10 percent of the minimum tank storage requirements for the area.

Goal: Reduce water consumption (voluntary restrictions) by 10 percent.

1. A voluntary reduction goal of 50 % in landscape plant irrigation water use.
2. Fundraiser car washes are prohibited.
3. Swimming pool filling is prohibited. Swimming pools must be covered when not in use.
4. Restaurants shall not serve water unless requested.
5. Water used for aesthetic purposes is prohibited.
6. Impervious surface cleaning with water shall be prohibited except where conducted by order of the Police and/or Fire Department.
7. Increase public education by news releases and TV spot
8. Request voluntary compliance with all drought management response measures from all other area water purveyors.

STAGE II: SEVERE DROUGHT CONDITIONS

Conditions: The seven (7) day average of water production falls within the 10 percent maximum pumping capacity.

Goal: Reduce water consumption (mandatory restrictions) by twenty (20) percent.

DROUGHT CONTINGENCY PLAN (continued)

1. No new landscape plants shall be installed or planted and no new landscaping permits will be issued except for Xeriscapes, which are, drip irrigated using a permanent system.
2. No outdoor residential (single family, duplex, triplex or apartment complex) landscape watering except on Saturdays (even address) and Sundays (odd address) during watering hours - before 9:00 a.m. and after 7:00 p.m.
3. Fleet car and truck washing shall be discontinued unless conducted by order of the Police and/or Fire Department.
4. All street sweeping shall be discontinued except that performed with reclaimed water or brackish water.
5. Routine fire hydrant flushing and testing shall be curtailed.
6. All Water Conservation Ordinance variances are automatically suspended.
7. Industries are requested to voluntarily decrease water consumption by 25.

STAGE III: CRITICAL DROUGHT CONDITIONS

Goal: All Stage I and II drought management response o hall remain in effect.

In addition, the following options shall be in effect as warranted:

1. All landscape irrigation is prohibited except when performed with a bucket or permanent drip irrigation system or where reclaimed water is used. No turf irrigation shall be permitted except where irrigated with reclaimed water.
2. All car, trailer, truck or boat washing is prohibited except in facilities certified by the District and displaying approved signage.
3. No new customers shall be approved for connection to the water system.

Initiation Procedures and Termination Notification

The SCVWSC board members shall report the nature and severity of the drought or water emergency condition to the SCVWSC Board of Directors. If the SCVWSC Board of Directors find that a drought or water emergency condition exists, the Board shall declare that a drought or water emergency and

DROUGHT CONTINGENCY PLAN (continued)

impose the measures provided in this Plan to protect the community's water supply. SCVWSC shall be charged with public notification and education activities related to the drought or water emergency and the restrictions imposed upon water users to conserve water. The SCVWSC shall continually monitor the drought or water emergency condition and promptly recommend that the declaration be rescinded or modified as warranted by changing conditions.

In the event of a sudden emergency, a Board member may contact the SCVWSC and request emergency action by the Board. The SCVWSC Board of may also request cooperation from citizens to immediately address a water emergency.

The SCVWSC Board of Directors shall notify the Executive Director of the TCEQ within five days following implementation of any mandatory water use restriction.

WATER CONSERVATION PLAN

INTRODUCTION

The role of the LCRA is limited to the coordination and encouragement of water conservation activities. Individual entities and not the LCRA shall develop the water conservation plans within their own boundaries. These will reflect the individual entities unique structure. The following is a water conservation plan for individual entities within the LCRA region.

EXECUTIVE SUMMARY

The SCVWSC Water Conservation Plan was developed with the following ideas in mind:

- To promote water conservation by educating the public in the ways to conserve water,
- To adopt a water conservation ordinance, and
- To adopt a conservation oriented water rate structure
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EDUCATION

The SCVWSC will promote water conservation by educating the public of ways to conserve water. Educational activities will include:

- ~Fact sheets, newsletters, or other correspondence explaining the new water conservation and drought contingency programs
- ~Publication of articles or announcements on water conservation in a local newspaper
- ~Mail-outs, bill stuffers, door hangers, door-to-door distributions or other direct distributions written water conservation material.
- ~The printing of water conservation tips on water bills at least quarterly
- ~A public speaking program for residents;

WATER CONSERVATION ORDINANCE

The SCVWSC will promote the awareness of water use and practices, and spread the demand within the community through odd/even watering schedules.

- There will be no watering between 10:00 a.m. and 6:00 p.m.
- Even numbered addresses may water outside on Tuesdays, Thursday and Saturday.
Odd numbered addresses may water outside on Wednesday, Friday and Sunday.
 - The exception to this ordinance will be the two weeks after plants are set into the ground.
- No water is allowed to run continuously.
 - Vehicles can only be washed with a bucket or a hose with a shut-off nozzle.
 - Puddles should not appear among plants.
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 - No water should be allowed to flow into the street, alley, or adjacent property.
Concrete, cement, or other impervious surfaces should not be watered with a hose unless there is a hazard.
- Leaks must be repaired within five (5) days of detection.

Water Conservation Plan (continued)

Silver Creek Village Water Supply Corporation (SCVWSC)

Water Conservation Plan established by the Corporation's Tariff

ORIGINAL SHEET G-1

SECTION G: EMERGENCY RATIONING PROGRAM

The following water rationing program is adopted for emergency use only during periods of acute water shortage.

1. Declaration of Emergency. When a system demand exceeds production or storage capability measured over a twenty-four (24) hour period, and refilling the storage facilities is rendered impossible, OR when the Corporation is notified by its wholesale supplier of a cutback in water to be delivered to such an extent that normal use patterns will no longer be possible, 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 affected 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;
- d. A copy of this rationing authority; and
- e. Affected area to be rationed.

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 IA (Limited Water Usage) The Corporation may limit water usage to a gallonage determined by the water plant's mechanical capability to provide continuous service in direct proportion to the loss of production/re-fill capability at a plant where no back-up facilities are available to remedy the shortage, 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 Member's expense (not to exceed actual costs or \$50.00). Tampering with the flow restrictor will result in water service termination for seven (7) days. The normal Reconnection 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 Rationing 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 Member's average use in the prior month, the percentage to be uniformly applied 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.

Total percentages under item 1 or maximum number of gallons under item 2 above shall be calculated not to exceed 80 % of the system's current production/re-fill capability for the area being rationed.

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 which are not contained in the approved Tariff of the Corporation.

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