

**DROUGHT CONTINGENCY PLAN  
FOR THE  
SKYLINE RANCH ESTATES WATER SUPPLY CORPORATION  
November 13, 2002**

**Section I: Declaration of Policy, Purpose, and Intent**

In order to conserve the available water supply and protect the integrity of water supply facilities, with particular regard for domestic water use, sanitation, and fire protection, and to protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the Skyline Ranch Estates Water Supply Corporation hereby adopts the following regulations and restrictions on the delivery and consumption of water.

Water uses regulated or prohibited under this Drought Contingency Plan (the Plan) are considered to be non-essential and continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in Section XI of this Plan.

**Section II: Public Involvement**

Opportunity for the public to provide input into the preparation of the Plan was provided by the Skyline Ranch Estates Water Supply Corporation by means of scheduling and providing public notice of a public meeting to accept input on the Plan.

**Section III: Public Education**

The Skyline Ranch Estates Water Supply Corporation will periodically provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by means of notices on billings or the Skyline Ranch Estates newsletter.

**Section IV: Coordination with Regional Water Planning Groups**

The service area of the Skyline Ranch Estates Water Supply Corporation is located within the Lower Colorado River Authority, Central Texas Region, and has provided a copy of this Plan to the Lower Colorado River Authority.

**Section V: Authorization**

The Skyline Ranch Estates Water Supply Corporation(SRE-WSC) Board of Directors is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The SRE-WSC Board of Directors shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

## **Section VI: Application**

The provisions of this Plan shall apply to all persons, customers, and property utilizing water provided by the SRE-WSC. The terms “person” and “customer” as used in the Plan include individuals, corporations, partnerships, associations, and all other legal entities.

## **Section VII: Definitions**

For the purposes of this Plan, the following definitions shall apply:

**Aesthetic water use:** water use for ornamental or decorative purposes such as fountains, reflecting pools, and water gardens.

**Conservation:** those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.

**Customer:** any person using water supplied by the SRE-WSC.

**Domestic water use:** water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, or for cleaning a residence.

**Even number address:** street addresses, or box numbers ending in 0, 2,4, 6, or 8 and locations without addresses.

**Landscape irrigation use:** water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential lawns, gardens, parks, rights-of-way and medians.

**Maximum water level above the pump:** this level has been determined to be 285 feet.

**Non-essential water use:** water uses that are neither essential nor required for the protection of public, health, safety, and welfare, including:

- (a) Irrigation of landscape areas, except as otherwise provided under this Plan;
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer or other vehicle;
- (c) Use of water to wash down any sidewalks, walkways, driveways, tennis courts, or other hard-surfaced areas;
- (d) Use of water to wash down buildings or structures for purposes other than immediate fire protection,
- (e) Flushing gutters or permitting water to run or accumulate in any ditch or street;
- (f) Use of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi-type pools;
- (g) Use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
- (h) Failure to repair a controllable leak(s) within a reasonable period after having been

- given notice directing the repair of such leak(s); and
- (i) Use of water from hydrants for construction purposes or any other purposes other than fire fighting.

**Odd numbered address:** street addresses, or box numbers ending in 1,3,5,7, or 9.

**The Public:** Customers of SRE-WSC.

## **Section VIII: Criteria for Initiation and Termination of Drought Response Stages**

The SRE-WSC Board of Directors shall monitor water supply and/or demand conditions on a daily basis and shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specified “triggers” are reached.

The triggering criteria described below are based on the analysis of the vulnerability of the water source under record drought conditions

### **Stage I Triggers - Mild Water Shortage Conditions**

#### **Requirements for initiation**

Customers shall be requested to voluntarily conserve water and adhere to the prescribed restrictions on certain non-essential water uses, defined in Section VII , annually beginning on May 1 through September 30.

### **Stage 2 Triggers - Moderate Water Shortage Conditions**

#### **Requirements for initiation**

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for stage 2 of this Plan when the water level above the pump in the SRE-WSC well is equal to or less than 40 percent of the maximum water level above the pump.

#### **Requirements for termination**

Stage 2 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days. Upon termination of Stage 2, Stage 1 becomes operative.

### **Stage 3 Triggers - Severe Water Shortage Conditions**

#### **Requirements for initiation**

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for stage 3 of this Plan when the water level above the pump in the SRE-WSC well is equal to or less than 30 percent of the maximum water level above the pump.

#### **Requirements for termination**

Stage 3 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days. Upon termination of Stage 3, Stage 2

becomes operative.

#### **Stage 4 Triggers - Critical Water Shortage Conditions**

##### **Requirements for initiation**

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for stage 4 of this Plan when the water level above the pump in the SRE-WSC well is equal to or less than 15 percent of the maximum water level above the pump.

##### **Requirements for termination**

Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days. Upon termination of Stage 4, Stage 3 becomes operative.

#### **Stage 5 Triggers - EMERGENCY Water Shortage Conditions**

##### **Requirements for initiation**

Customers shall be required to comply with the requirements and restrictions for Stage 5 of this Plan when the SRE-WSC Board of Directors, determines that a water supply emergency exists based on:

1. Major water line breaks, or pump or system failures occur, which cause unprecedented loss of capability to provide water service; or
2. Natural or man-made contamination of the water supply source(s).

##### **Requirements for termination**

Stage 5 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days.

### **Section IX: Drought Response Stages**

The SRE-WSC Board of Directors, shall monitor water supply and/or demand conditions on a weekly basis and, in accordance with the triggering criteria set forth in Section VIII of this Plan, shall determine that a mild, moderate, severe, critical, emergency or water shortage condition exists and shall notify the public by means of a prominent sign posted at the entrance to the Skyline Ranch Estates subdivision.

#### **Stage 1 Response – Mild Water Shortage Conditions**

Goal: Achieve a voluntary 10 percent reduction in total water use.

Voluntary Water Use Restrictions: Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

#### **Stage 2 Response — Moderate Water Shortage Conditions**

Goal: Achieve a 15 percent reduction in total water use.

SRE-WSC Management Measures:

Flushing of water mains shall be suspended.

Water Use Restrictions. Under threat of penalty for violation, the following water use restrictions shall apply to all persons:

- (a) Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Sundays and Thursdays for customers with a street address or post office box number ending in an even number (0,2,4,6 or 8), and Saturdays and Wednesdays for water customers with an address ending in an odd number (1, 3, 5, 7 or 9), and irrigation of landscaped areas is further limited to the hours of 6:00 a.m. until 9:00 a.m. and between 8:00 p.m. and 11:00 p.m. on designated watering days. However, irrigation of landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer or other vehicle is prohibited except on designated watering days between the hours of 6:00 a.m. until 9:00 a.m. and between 8:00 p.m. and 11:00 p.m. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff.
- (c) Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or Jacuzzi-type pools is prohibited except on designated watering days between the hours of 6:00 a.m. until 9:00 a.m. and between 8:00 p.m. and 11:00 p.m.
- (d) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.
- (e) Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare.
- (f) The following uses of water are defined as non-essential and are prohibited:
  - 1. wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
  - 2. use of water to wash down buildings or structures for purposes other than immediate fire protection;
  - 3. use of water for dust control;
  - 4. permitting water to run or accumulate in any ditch or street; and
  - 5. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

### **Stage 3 Response — Severe Water Shortage Conditions**

Goal: Achieve a 20 percent reduction in daily water demand.

SRE-WSC Management Measures:

All requirements of Stage 2 shall remain in effect during Stage 3.

Water Use Restrictions. All requirements of Stage 2 shall remain in effect during Stage 3 except:

Irrigation of landscaped areas shall be limited to designated watering days between the hours of 6:00 a.m. until 9:00 a.m. and between 8:00 p.m. and 11:00 p.m. and shall be by means of hand-held hoses, hand-held buckets, drip irrigation, or permanently installed automatic sprinkler system only. The use of hose-end sprinklers is prohibited at all times.

### **Stage 4 Response - Critical Water Shortage Conditions**

Goal: Achieve a 25 percent reduction in daily water demand.

SRE-WSC Management Measures:

All requirements of Stage 2 and 3 shall remain in effect during Stage 4.

Water Use Restrictions. All requirements of Stage 2 and 3 shall remain in effect during Stage 4 except:

- (a) Irrigation of landscaped areas shall be limited to designated watering days between the hours of 6:00 a.m. and 9:00 a.m. and between 8:00 p.m. and 11:00 p.m. and shall be by means of hand-held hoses, hand-held buckets, or drip irrigation only. The use of hose-end sprinklers or permanently installed automatic sprinkler systems are prohibited at all times.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer or other vehicle not in the immediate interest of public health, safety, and welfare is prohibited
- (c) The filling, refilling, or adding of water to swimming pools, wading pools, and Jacuzzi-type pools is prohibited.
- (d) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.

- (e) No application for new, additional, expanded, or increased-in-size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be approved, and time limits for approval of such applications are hereby suspended for such time as this drought response stage or a higher-numbered stage shall be in effect.

### **Stage 5 Response – Emergency Water Shortage Conditions**

Goal: Reduce daily water usage to the absolute minimum required to for essential purposes.

SRE-WSC Management Measures:

All requirements of Stage 2, 3 and 4 shall remain in effect during Stage 5. Acquisition of alternative water supplies will be implemented.

Water Use Restrictions. All requirements of Stage 2, 3, and 4 shall remain in effect during Stage 5 except:

- (a) Irrigation of landscaped areas is absolutely prohibited.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer or other vehicle is absolutely prohibited.

### **Section X: Enforcement**

- (a) No person shall knowingly or intentionally allow the use of water from the SRE-WSC for any purpose in a manner contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by the SRE-WSC Board of Directors, in accordance with provisions of this Plan.
- (b) Any person who violates this Plan shall pay a fee of \$10.00 per occurrence . Any person who violates stage 4 shall pay a \$25.00 fee per occurrence, and on the third violation shall have their water service disconnected. To have the water service reconnected, all fees must be paid along with a \$30.00 reconnect fee.

### **Section XI: Variances**

The SRE-WSC Board of Directors, may, in writing, grant temporary variance for existing water uses otherwise prohibited under this Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

- (a) Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.

- (b) Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Ordinance shall file a petition for variance with the SRE-WSC within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the SRE-WSC Board of Directors, and shall include the following:

- (a) Name and address of the petitioner(s).
- (b) Purpose of water use.
- (c) Specific provision(s) of the Plan from which the petitioner is requesting relief.
- (d) Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Ordinance.
- (e) Description of the relief requested.
- (f) Period of time for which the variance is sought
- (g) Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
- (h) Other pertinent information.

Variances granted by the SRE-WSC shall be subject to the following conditions, unless waived or modified by the SRE-WSC Board of Directors:

- (a) Variances granted shall include a timetable for compliance.
- (b) Variances granted shall expire when the Plan is no longer in effect, unless the petitioner has failed to meet specified requirements.

No variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of the variance.

Skyline Ranch Estates Water Supply Corporation

Drought Contingency Plan Chart

<b>Drought Response Stage</b>	<b>Triggering Criteria</b>	<b>Goal</b>	<b>Response Measures</b>
Stage 1 Mild Conditions	Voluntary Water Conservation annually beginning on May 1 through September 30	Raise public awareness of water conservation, and to achieve a voluntary reduction in the total water use by 10 percent.	Raise public awareness of the supply situation and request voluntary reductions in non-essential water use
Stage 2 Moderate Conditions	The water level above the pump is equal to or less than 40 percent of the maximum water level	Achieve a voluntary reduction in the daily water demand by 15 percent.	Implement mandatory restrictions on certain non-essential water uses, and implement a fee of \$10 applied for each violation.
Stage 3 Severe Conditions	The water level above the pump is equal to or less than 30 percent of the maximum water level	Achieve a voluntary reduction in the daily water demand by 20 percent.	Implement ban on certain non-essential water uses and a fee of \$10 applied for each violation.
Stage 4 Critical Conditions	The water level above the pump is equal to or less than 15 percent of the maximum water level	Achieve a voluntary reduction in the daily water demand by 25 percent.	Continue ban on non-essential water uses, and \$25 fee for each violation and disconnection for 3rd violation.
Stage 5 Emergency Conditions	System outage due to depletion of water supply or equipment failure	Reduce daily water usage to the absolute minimum required to for essential purposes.	Initiate emergency response procedures