**ABC Water Company**

**Drought Contingency Plan**

**Section 1: 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 ABC Water 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 2: Authority**

(A) The ABC Water Company is a community water system that is governed by the Board of Directors of the ABC Water Company. As such, ABC Water Company is responsible for ensuring compliance with all applicable state and federal drinking water regulations. Specifically, the ABC Water Company is responsible for ensuring compliance with the Emergency Water Conservation Regulations.

**Section 3: Public Education**

The ABC Water Company 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 the means deemed most appropriate and effective by the Board of Directors.

**Section 4: Authorization**

The ABC Water Company 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 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 5: Application**

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

**Section 6: 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.

**Commercial and institutional water use:** water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as schools, hospitals, clinics, retail establishments, hotels and motels, restaurants, and office buildings.

**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, company, or organization using water supplied by the ABC Water Company.

**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, business, industry, or institution.

**Industrial water use:** the use of water in processes designed to convert materials of lower value into forms having greater usability and value.

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

**Non-essential water use:** water uses that are not essential nor required for the protection of public, health, safety, and welfare, including:

(a) irrigation of landscape areas, including parks, an athletic fields, except 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, parking lots or other hard-surfaced areas;

(d) use of water to wash down buildings or structures for purposes other than immediate fire protection;

(e) permitting water to run or accumulate in any gutter 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.

**Section 7: Criteria for Initiation and Termination of Drought Response Stages**

The ABC Water Company shall monitor water supply and/or demand conditions on a regular 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:

(A) Long or short term changes in measured source water well levels that would indicate that ground water aquifer(s) are being depleted at a rate that is unsustainable;

(B) Sudden or gradual changes in source water quality that might indicate that a ground water aquifer is under stress from lack of recharge;

(C) Any sudden or catastrophic loss of water storage or production capacity;

(D) Any other loss of water production or storage capacity that could result in a threat to public health or safety.

**Section 8: Drought Response Triggers**

**Stage 1 - Abnormally Dry Conditions (Watch)**

Requirements for initiation

Customers shall be requested to voluntarily conserve water and adhere to the prescribed restrictions on certain water uses, defined in Section 6 (Definitions) when:

(A) The one-year change in the static water level in the well(s) indicates a downward trend and the change in the depth of static water level exceeds 2 feet, or;

(B) The state governor or local authority issues a drought declaration at Level/Stage 1, or;

(C) Any combination of circumstances reduces the water system’s overall water supply or production capabilities by 10% or more.

Requirements for termination

Stage 1 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.

**Stage 2 - Moderate Conditions (Alert)**

Requirements for initiation

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided in Section 6 of this Plan when:

(A) The one-year change in the static water level in the well(s) indicates a downward trend and the change in the depth of static water level exceeds 4 feet, or;

(B) The state governor or local authority issues a drought declaration at Level/Stage 2, or;

(C) Any combination of circumstances reduces the water system’s overall water supply or production capabilities by 20% or more.

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 - Severe Conditions (Warning)**

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:

(A) The one-year change in the static water level in the well(s) indicates a downward trend and the change in the depth of static water level exceeds 6 feet, or;

(B) The state governor or local authority issues a drought declaration at Level/Stage 3, or;

(C) Any combination of circumstances reduces the water system’s overall water supply or production capabilities by 30% or more.

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 - Extreme Conditions (Critical)**

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:

(A) The one-year change in the static water level in the well(s) indicates a downward trend and the change in the depth of static water level exceeds 8 feet, or;

(B) The state governor or local authority issues a drought declaration at Level/Stage 4, or;

(C) Any combination of circumstances reduces the water system’s overall water supply or production capabilities by 40% or more.

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 - Exceptional Conditions (Emergency)**

Requirements for initiation

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 5 of this Plan when:

(A) The one-year change in the static water level in the well(s) indicates a downward trend and the change in the depth of static water level exceeds 10 feet, or;

(B) The state governor or local authority issues a drought declaration at Level/Stage 5, or;

(C) Any combination of circumstances reduces the water system’s overall water supply or production capabilities by 50% or more.

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. Upon termination of Stage 5, Stage 4 becomes operative.

**Section 9: Drought Responses**

The ABC Water Company shall monitor water supply and/or demand conditions on a daily basis and, in accordance with the triggering criteria set forth in Section 9 of this Plan, shall determine whether a watch, alert, warning, critical, or emergency water shortage condition exists and shall implement the following notification procedures:

**Notification**

Notification of the Public:

The customers of the ABC Water Company shall be notified by means of any or all of the following: Board meetings, inserts with utility bills, mailings, postings at the Water Company offices and facilities, flyers, or other means as designated by the Board. At its discretion the Board or its authorized designee shall also notify, or cause to be notified, agencies or organizations it believes may be affected.

**Stage 1 Response -- Water Shortage WATCH Conditions**

**Target: Achieve a voluntary 10 percent reduction total water use.**

Voluntary Water Use Restrictions for Reducing Demand :

(a) Water customers are requested to voluntarily limit the irrigation of landscaped areas to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and to irrigate landscapes only between the hours of midnight and 10:00 a.m. and 8:00 p.m. to midnight on designated watering days.

(b) All operations of the ABC Water Company shall adhere to water use restrictions prescribed for Stage 1 of the Plan.

(c) Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

**Stage 2 Response -- Water Shortage ALERT Conditions**

**Target: Achieve a 20 percent reduction in total water use.**

Water Use Restrictions for Demand Reduction:

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 ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight 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 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rinses. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.

(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 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.

(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, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the ABC Water Company.

(f) All restaurants are prohibited from serving water to patrons except upon request of the patron.

(g) The following uses of water are defined as non-essential and are prohibited:

1. washdown of any sidewalks, walkways, driveways, parking lots, 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 gutter 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 -- Water Shortage WARNING Conditions**

**Target: Achieve a** **30 percent reduction in total water use.**

Water Use Restrictions for Demand Reduction:

All requirements of Stage 2 shall remain in effect during Stage 3 except:

(a) Irrigation of landscaped areas shall be limited to designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight 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.

(c) The use of water for construction purposes from designated fire hydrants under special permit shall be discontinued.

**Stage 4 Response -- Water Shortage CRITICAL Conditions**

**Target: Achieve a 40 percent reduction in total water use.**

Water Use Restrictions for Reducing Demand:. 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 10:00 a.m. and between 8:00 p.m. and 12:00 midnight 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 occurring on the premises of a commercial car wash and commercial service stations and not in the immediate interest of public health, safety, and welfare is prohibited. Further, such vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 6:00 a.m. and 10:00 a.m. and between 6:00 p.m. and 10 p.m.

(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 -- Water Shortage EMERGENCY Conditions**

**Target: Achieve a 50 percent or more reduction in total water use.**

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

**Public message to be disseminated by whatever means possible:**

*The ABC Water Company is confronted with a critical water shortage emergency of unprecedented proportions. At this time, there exists barely enough drinking water for the most essential human health, sanitation, and safety needs. As a result,* ***all outdoor water use is prohibited****. We understand the hardship this extraordinary condition poses to every customer, and we appreciate the sacrifices people are making to ensure that water system does not run dry. Everyone is urgently requested to do whatever necessary to maintain water use within or below their allotted amount.*

**Optional Response -- WATER ALLOCATION**

In the event that water shortage conditions threaten public health, safety, and welfare, the Board is hereby authorized to allocate water according to the following water allocation plan:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Customer/connection type** | **Stage 1** | **Stage 2** | **Stage 3** | **Stage 4** | **Stage 5** |
| Residential  (Gallons per person per day) | 200 | 100 | 75 | 50 | 25 |
| Commercial/institutional | Normal | 90% of average | 85% of average | 65% of average | 50% of average |
| Landscape irrigation | Normal | 90% of average | 50% of average | 0% of average | 0% of average |

**Single-Family Residential Customers**

“Household” means the residential premises served by the customer’s service connection. “Persons per household” include only those persons currently physically residing at the premises and expected to reside there for the entire billing period. It shall be assumed that a particular customer’s household is comprised of two (2) persons unless the customer notifies the ABC Water Company of a greater number of persons per household on a form prescribed by the Board. The Board shall make its best effort to see that such forms are mailed, otherwise provided, or made available to every residential customer.

In prescribing the method for claiming more than two (2) persons per household, the Board shall adopt methods to insure the accuracy of the claim. Any person who knowingly, recklessly, or with willful negligence falsely reports the number of persons in a household or fails to notify the Board of a reduction in the number of persons in a household shall be fined not less than $\_\_\_\_\_\_\_\_.

Residential water customers shall pay the following surcharges:

$\_\_\_\_ for the first 1,000 gallons over allocation.

$\_\_\_\_ for the second 1,000 gallons over allocation.

$\_\_\_\_ for the third 1,000 gallons over allocation.

$\_\_\_\_ for each additional 1,000 gallons over allocation.

Surcharges shall be cumulative.

**Livestock**

It is acknowledged that some residential customers may keep livestock. Such customers will be entitled to an allocation which will meet the minimum needs of the animals in accordance with the level of water restrictions in effect, or as shown in the following table, or as otherwise determined by the Board:

|  |  |
| --- | --- |
| **Type of animal** | **Daily water requirements (gallons per day)** |
| Horse | 12 |
| Cow | 20-45 |
| Beef animal | 8-12 |
| Swine/pig | 3-5 |
| Sheep/goats | 2-4 |
| Poultry/fowl (per 100) | 8-15 |

Residential customers with livestock should follow water conservation practices including repairing leaks, dripping faucets, minimizing waste in the filling of water tubs and tanks, and conserving water when cleaning floors and equipment.

**Section 10: Enforcement**

(a) No person shall knowingly or intentionally allow the use of water from the ABC Water Company 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 Board, in accordance with provisions of this Plan.

(b) Any person who violates this Plan is guilty of a misdemeanor and, upon conviction shall be punished by a fine of not less than \_\_\_\_\_\_\_ dollars ($\_\_) and not more than \_\_\_\_\_\_ dollars ($\_\_). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the Board shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, hereby established at $\_\_\_\_\_\_, and any other costs incurred by the ABC Water Company in discontinuing service. In addition, suitable assurance must be given to the Board that the same action shall not be repeated while the Plan is in effect.

(c) Any person, including a person classified as a water customer of the ABC Water Company, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person’s property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children and proof that a violation, committed by a child, occurred on property within the parents’ control shall constitute a rebuttable presumption that the parent committed the violation, but any such parent may be excused if he/she proves that he/she had previously directed the child not to use the water as it was used in violation of this Plan and that the parent could not have reasonably known of the violation.

**Section 11: Variances**

The Board, may, in writing, grant a 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 Board within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the Board, 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.