

DROUGHT CONTINGENCY AND EMERGENCY WATER DEMAND MANAGEMENT PLAN

Purpose of Plan:

In order to conserve the available water supply and protect the integrity of our water supply facilities, with particular regard for domestic water use 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, Levi Water Supply hereby adopts the following plan on the delivery and consumption of water supplied by the Levi Water Supply Corporation. Water uses regulated or prohibited under this Drought Contingency Plan are deemed to be non-essential and the continuation of such uses are deemed to constitute a waste of water which subjects the offender to penalties and/or other enforcement as defined in Section H of the tariff: Drought Contingency and Emergency Water Demand Management Plan.

Public Education:

Levi Water Supply will periodically provide their customers with information and updates about the Plan, including information about the conditions under which each stage of the Plan to be initiated or terminated and the drought response measures to be implemented at each stage. This information will be provided by means of public notice in the newspaper, news inserts on the website: leviwater.com, or thru alerts provided thru our alert system (for those who have signed up for alerts on the website).

Coordination with Regional Water Planning Group:

The service area of Levi Water Supply Corp. is located within the Brazos G Water Planning District and a copy of this plan will be provided to them.

Authorization:

The System Manager is authorized and directed to implement the applicable provisions of the Plan upon determination that such implementation is necessary to protect the public health, safety and welfare. The Manager and/or the Board of Directors shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in the Plan. The Board of Directors will be immediately notified of any such action and the Board of Directors will have the authority to amend or withdraw the plan.

The System Manager is authorized to declare that a drought response stage is in effect, and that that stage's response is ordered to be implemented by means of an Implementing Order. The Implementing Order may contain restrictions in addition to those required for the state declared to the extent determined by the System Manager, to be necessary to prevent possible

disruption of water service, prepare for shortages based on estimates, protect the water supply and water distribution system and to protect the public health and safety. All customers must comply with the Implementing Order.

Application:

The provisions of this Plan shall apply to all persons, customers and property utilizing water supplied by Levi Water Supply Corporation. The terms "person" and "customers" include individuals, corporations, partnerships, associations, and all other legal entities.

Definitions:

Aesthetic Water Use: Water used for ornamental or decorative purposes such as fountains, reflecting ponds and water gardens.

Commercial & Institutional Water: Water use which is integral to the operations of commercial and non-profit establishments, governmental entities, retail establishments, hotels, motels, restaurant (including catering or food service processing) 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 or use 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 Levi Water Supply Corporation.

Domestic Water: 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.

Even Number Account Numbers: Accounts ending in numbers 0, 2, 4, 6, 8.

Implementation Order: The order by the System Manager of Levi Water Supply, declaring the stage in effect and implementing the response, including ordering restrictions on water usage.

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

Landscape Irrigation: Water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, right of ways and medians.

Non-Essential Water: Water uses that are neither essential nor required for the protection of public health, safety and welfare, to include the following:

- a. Irrigation of landscape areas, including lawns, common areas, parks, athletic fields and golf courses, except otherwise provided under this Plan or previously approved by the Corporation.
- b. Use of water to wash any motor vehicle, motorcycle or motorbike, all forms of watercraft and their trailers, airplanes, other vehicles including golf carts – ATV – Gators – lawnmowers & lawn maintenance equipment, farm machinery & implements, all construction equipment (backhoes, excavators, bulldozers, etc.)
- c. Use of water to wash down sidewalks, walkways, driveways, parking lots, 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 gutter or street.
- f. Use of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi-type pools, unless approved by the Board of Directors.
- g. Use of water in a fountain or pool for aesthetic or scenic purposes except where necessary to support aquatic life.
- h. Failure to repair a controllable leak or leaks within a reasonable time period after having been given notice of the leak(s) and directing the repair of such leak(s).
- i. Use of water from hydrants or flush risers for construction purposes of any other purpose other than fire fighting.

Odd Number Account Numbers: account numbers ending in 1,3,5, 7,9.

Criteria for Initiation and Termination of Drought Response System:

The System Manager shall monitor water supply and demand conditions on a weekly basis, or as needed, and shall determine when conditions warrant the initiation or termination of each stage of the plan when the specified triggers are reached or exceeded.

The triggering criteria is based on the amount of water stored in the total water system (including all tanks and pipes). The water storage system taken as a total of all storage at all water plants is the best indicator of the water system availability. The storage will be monitored through out each day. In addition to the storage, the ability of each water plant to meet the demands will be considered. If the water plants cannot meet the usage demands, then the Manager has the authority to implement the stages that will address the usage at that time that can make storage of water possible.

Stage 1 – Response Water Watch:

The goal is to inform the customers and members of good water management techniques inside and outside the home or business, including such practices as cutting back on lawn irrigation times and developing landscapes that require less water.

The Corporation will monitor the usage of water each month. Levi will forecast the amount of water supply and potential demands for peak usage times (generally May 1 – September 30 of each year). Levi will monitor water demand on a daily, weekly or monthly basis as needed during peak usage times and at any such time as deemed necessary, the System Manager may exercise his/her discretion to request special voluntary restrictions and/or initiate mandatory restrictions.

Stage 2- Response – Mild Water Shortage Conditions:

The goal is to raise public awareness of the water supply situation to achieve a voluntary reduction of water usage by at least 5%.

The Corporation will discontinue flushing of water mains except as specifically required by TCEQ.

Voluntary Water Use Restrictions:

- a. Water customers are requested to voluntarily limit the irrigation of landscaped areas to Sunday, Tuesdays & Thursdays for accounts ending in an even number and to Monday, Wednesday & Fridays for accounts ending in an odd number. There will not be any irrigation of landscaped areas, washing of any type of vehicle, equipment of watercraft, filling or refilling of swimming pools or ponds on Saturday. Irrigation of landscaped areas should be restricted to the hours of 10:00 p.m. to 6:30 a.m.
- b. Water customers are requested to practice water conservation measures and to minimize or discontinue water use for non-essential purposes.

Trigger Requirements for Initiation:

Customers will be requested to voluntarily conserve water if the storage tanks do not fill to 80% capacity overnight or 90% during peak usage times.

Trigger Requirements for Termination:

When storage tanks can fill to 100% capacity overnight.

Stage 3 – Response – Moderate Water Shortage

The goal is to achieve a 10% total reduction in water usage.

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

- a. Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Sundays & Thursdays for accounts ending in an even number and to Mondays & Wednesdays for accounts ending in an odd number. Irrigation of landscaped areas is restricted to the hours of 12:00 midnight to 6:30 a.m. or 9:00 p.m. to 12:00 midnight on the designated watering days.
- b. Use of water to wash any type of vehicle, watercraft or equipment is prohibited except on designated watering days between the hours of 12:00 midnight to 6:30 a.m. or 8:00 p.m. to 12:00 midnight on designated watering days. Such washing, when allowed, shall be done with a hand held buckets or hand held hose equipped with a positive shut off valve nozzle for quick rinses. Such washing may be exempted from these regulations if the health, safety, and welfare of the public are contingent upon frequent vehicle cleaning such as garbage trucks and vehicles used to transport food and perishables. If such conditions exist, the System Manager should receive written notice of these exceptions.
- c. Use of water to fill, refill, or add to any indoor or outdoor swimming pool, wading pool, or Jacuzzi type pool is prohibited except on designated watering days between the hours of 8:00 p.m. to 12:00 midnight or 12:00 midnight to 6:30 a.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 recirculating water system.
- e. Use of water from hydrants shall be limited to fill water tanks on fire trucks or other activities related necessary to maintain public safety, health and welfare. Use for water from hydrants or flush risers for construction purposes will not be permitted without permission from the Board of Directors.
- f. If applicable, use of water for irrigation purposes of golf course greens, tees and fairways is prohibited except on designated water days between the hours of 12:00 midnight & 6:30 a.m. or 8:00 p.m. to 12:00 midnight. This will include any practice fields (public, church or private) for any athletic activity. If anyone utilizes a water source other than Levi Water Supply, those will not be subject to this provision.
- g. If applicable, all food service establishments are prohibited from serving water to customers except upon the request of the customer.
- h. The following non-essential uses of water are prohibited:
 1. Wash down of any sidewalk, driveways, walkways, parking lots, tennis courts or any 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. Flushing gutters or permitting water to run or accumulate in any gutter or street, and
5. Failure to repair controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

Trigger Requirements for Initiation:

The restrictions of this stage shall be implemented if the storage tanks capacity cannot be filled at 75% capacity overnight or during extreme peak usage times, the storage tank capacity cannot be filled to 80% capacity overnight or at anytime the total daily water demand exceeds 90% of the water systems total production capacity.

Trigger Requirements for Termination:

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

Stage 4 Response – Severe Water Shortage

The goal is to achieve a 25% reduction in total water usage.

Water Use Restrictions: All requirements of Stage 3 remain in effect except the following:

- a. Irrigation of landscaped areas shall be limited to designated watering days between the hours 8:00 p.m to 12:00 midnight or 12:00 midnight to 6:00 a.m. and shall be by means of hand held hoses, hand held buckets, drip irrigation, permanently installed sprinkler system with timers, or hose-end sprinklers with timers.
- b. The use of water for construction purposes from hydrants or flush risers will be discontinued.

Trigger Requirements for Initiation:

The restrictions of this stage shall be implemented if the storage tank capacity cannot be filled to 70% capacity overnight and in extreme usage situations to 60% capacity overnight or any time the total daily water demand exceeds 95% of the water systems total production capacity.

Trigger Requirements for Termination:

The restrictions of this stage may be rescinded when all conditions listed as triggering events have ceased to exist for a period of 7 consecutive days. Upon termination of this stage, Stage 3 becomes operative.

Stage 5 Response – Critical Water Shortage

The goal is to achieve a 40% reduction in total water usage

Water Use Restrictions: All requirements of Stage 4 remain in effect, except for the following:

- a. Irrigation of landscaped areas shall be limited to designated watering days 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 is prohibited at all times.
- b. Use of water to wash any type of vehicle, equipment, watercraft, motorcycles, trailer, lawnmowers or farm equipment is prohibited at all times.
- c. The filling, refilling or adding water to swimming pools, wading pools, Jacuzzi type pools and water games or slides is prohibited
- d. Operation of ornamental fountains or ponds for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains are equipped with a recirculating water 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 a time as this drought response stage or a higher number stage shall be in effect.

Trigger Requirements for Initiation:

The restrictions of this stage shall be implemented when the storage tank capacity cannot be filled to 65% overnight or in extreme usage times, the storage tank capacity cannot reach 50% of capacity overnight or at anytime, the total daily water demand exceeds 95% of the systems total production capacity or and water plant is inoperative for any reason.

Trigger Requirements for Termination:

The restrictions of this stage may be rescinded when all conditions listed as triggering events have ceased to exist for a period of 7 consecutive days. Upon termination of this Stage, State 4 becomes operative.

Stage 6 Response –Extreme Water Shortages:

The goal is to achieve a 50 % reduction in total water usage

Mandatory Restrictions: Upon implementation of this stage, the following restrictions shall apply unless specifically exempted.

- a. The water is at a point of severe water shortage. All landscape and outdoor water usage at each address shall continue according to the landscape water days schedule below:

STATE 6 OUTDOOR WATERING SCHEDULES

Last Digit of Account #	Allowed Outdoor Water Days:
0,1	Monday
2,3	Tuesday
4,5	Wednesday
6,7	Thursday
8,9	Friday
No Watering	Saturday & Sunday

(watering schedule 9:00 p.m. to 12:00 midnight or 3:00 a.m. to 6:00 a.m.)

- b. Use of water to wash any motor vehicle, water craft, trailer, equipment, lawnmowers, recreational vehicles, farm equipment is prohibited.

Trigger Requirements for Implementation:

The restrictions of this stage will be implemented when the storage tank capacity cannot reach 30% of capacity overnight or the inability to recover approximately 60% in all plants within a 48 hour period.

Trigger Requirements for Termination:

Termination of Stage 6 shall be at the discretion of the System Manager or a decision by the Board of Directors, based on input by the manager, the System Operator, and any regulatory agency.

Stage 7 Response – Emergency Water Shortage Condition

The goal is to achieve a 70% reduction in total water usage.

Water Use Restrictions: All requirements of Stage 6 shall remain in effect during this stage of the Plan except the following:

- a. Irrigation of landscaped areas is absolutely prohibited at all times.
- b. Use of water to wash any and all types of vehicles (motorized, electric, off road of anykind) and watercraft is absolutely prohibited at all times.

Trigger Requirements for Initiation:

All customers, persons, institution, and organizations shall be required to comply with all requirements and restrictions for this Stage when the Manager, or the Board of Directors or any designated representative appointed by the Board of Directors determines that a water supply emergency exists based on major water line breaks or pump or system failure occurrence which cause unprecedented loss of capacity to provide water service, or natural or man made contamination of the water supply, or a severe shortage of available water supply exists that require such measures.

Trigger Requirements for Termination:

The stage of this plan may be rescinded when all of the conditions listed as “*triggering events*” have ceased to exist for a period of 10 consecutive days.

Additional Possible Stage 6 & 7 Response:

The Board of Directors may initiate a penalty for non compliance:

- A penalty of \$50.00 can be assessed for the first violation
- A penalty of \$150.00 can be assessed for the second violation
- A penalty of \$250.00 can be assessed for the third violation

Subsequent Violations: A penalty of \$ 250.00 can be assessed for each violation. Failure to pay any penalty can result in termination of service. In addition to the penalty, a device that restricts the flow of water will be installed. The cost of the device and to install and remove the device will be charged to the customers. In addition to any penalty or installation of any water restricting device, the Corporation will provide notice that water service will be suspended for three days for each violation after the 4th violation. There will be an additional charge to disconnect and restore service.

The Board of Directors may adopt emergency water rates to encourage conservation.

The Board of Directors may adopt water rationing measures.

State Mandate:

If a state agency with jurisdiction over water rights and use lawfully (and with the authority to require compliance by a WSC) orders that drought response restrictions on water used be imposed, the water use restrictions shall be implemented regardless of whether the trigger for the state requiring such restriction under the Corporation's Drought Contingency Plan has been reached.

Drought Response Stages:

The System Manager with the approval of the Board of Directors, is authorized to declare a stage and its restriction, to be in effect even if the applicable triggers are not met where such is, at the discretion of the manager, after consultation with the systems engineer, a precaution that should be taken to prevent possible disruption of services, to prepare for shortages based on estimates, or to otherwise protect the water supply, water distribution system and /or the public health and welfare.

The System manager and the system operator shall monitor water supply and demand condition on a daily basis and, in accordance with the triggering criteria set forth in this Plan, shall determine that a mild, moderate, severe, critical, or extreme emergency water shortage condition exists and shall implement the following notification procedures:

Notification of the Public:

- a. The System Manager shall notify the public by means of publication in a newspaper or general circulation, by notice on the website, or alert by text or email that a condition does exist.
- b. Provide public service announcements on radio and television networks
- c. Post signs in public places

Notification to Government Entities and Persons:

- a. All Implementation Orders will be approved by the Board of Directors
- b. Notice TCEQ and Brazos G Water Planning District
- c. McLennan Emergency Management Coordinator
- d. McLennan County Board of Commissioners
- e. Adjacent City Fire Departments
- f. Major Water Users

Enforcement Penalty:

- a. Public notice of the order to implement the restrictions on water usage is presumed once the publication of the Implementing Order in the newspaper has occurred.
- b. As stated in previous section a penalty can be assessed. The System Manager upon due notice to the customer can suspend service for 3 days. A disconnection fee and a reconnection fee will be charge. Service can be discontinued for failure to pay any penalty. All charges for water usage, penalties and disconnection and reconnection fees must be paid for service to be restored. In addition, suitable assurance must be given to the System Manager that the same action will not be repeated.
- c. Any person, including a person classified as a water customer of the Corporation, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator. For rental property, as per the tariff of the Corporation, the property owner is responsible for the meter on his/her property. Parents shall be presumed to be responsible for the actions of their minor children. Any person shall have the right to show that he or she did not violate the Implementing Order.

Variations or Exceptions:

The System manager with the approval of the Board of Directors, may, in writing grant a temporary variance or exception for existing water uses otherwise prohibited under this plan as implemented if it is determined that failure to grant such would cause an emergency condition adversely affecting the health, sanitation or fire protection for the public or the person requesting such an exception if one or more of the following conditions are met:

- a. Compliance with this plan as implemented cannot be technically accomplished during the duration of the water supply shortage or other condition.
- b. Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption or exception for the provisions this plan or the Implementing Order shall file a request for a variance of exception with the Corporation within 5 days after the Implementing Order is Published. All request shall include the following:

- a. Name and address of the requestor
- b. Purpose of water use
- c. Specific provisions of the plan as implemented that the requestor is requesting relief
- d. Detailed statement as to how the specific provision of the plan as implemented adversely affects the requestor or what damage or harm will occur to the requestor or others if the requestor complies with the order
- e. Description of the relief requested
- f. Period of time for which the exception is requested

- g. Alternative water use restrictions or other measures that requestor is taking or purposes to take to meet the intent of the Plan and the compliance date.
- h. Other relevant information

Any exception granted or approved shall be subject to the following condition unless waived or modified by the Board of Directors.

- a. Exceptions shall include a time table for compliance
- b. Any exception granted shall expire when the applicable response implemented is no longer in effect (unless earlier terminated for failure of the applicant to comply with the condition of the exception)
- c. No variance or exception shall be retroactive or otherwise justify any violation occurring prior to the issuance of the exception

Approved by the Board of Directors on January 26, 2021.



Mike Meadows, President