



WIMBERLEY
WATER
SUPPLY
CORPORATION

DROUGHT CONTINGENCY
&
EMERGENCY WATER
DEMAND MANAGEMENT PLAN

May 2013
Revised January 2019
Revised March 2022
Revised January 2023
Revised February 2024

1. INTRODUCTION

Implementation of voluntary water conservation measures and conscientious water use practices are encouraged at all times; however, additional water use restrictions are required during drought and other uncontrollable events that disrupt the availability of water supplies. Unwarranted water usage during these periods will stress Wimberley WSC's water system and may contribute to a decline in levels in our aquifers, creeks and rivers.

The purpose of the Wimberley Water Supply Corporation Drought Contingency Plan is to conserve and protect our available water supply and to minimize adverse impacts caused by drought and other uncontrollable water supply emergencies. This objective will be achieved through the implementation of voluntary and mandatory demand management measures. The ultimate goal of these measures contained in this plan is to reduce non-essential water use and increase water conservation awareness. This plan has been prepared to define conditions that will initiate and terminate the demand management measures.

This plan will be implemented according to the five drought response stages as determined by the Board. Section 4 describes the conditions that will trigger these stages.

2. COORDINATION WITH REGIONAL WATER PLANNING GROUP

Being located within the Guadalupe River Basin a copy of this plan has been provided to the Hays Trinity Groundwater Conservation District and the Public Utility Commission.

3. TRIGGER CONDITIONS

The Drought Emergency Management Committee or Corporation Manager is responsible for monitoring water supply and demand conditions on a monthly basis (or more frequently if conditions warrant) and shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specified triggers are reached. The Committee or Corporation Manager will monitor monthly operations reports (pumpage), water supply or storage tank levels, well levels and rainfall as needed to determine when trigger conditions are reached. The triggering conditions described below take into consideration: the vulnerability of the water source under drought of record conditions; the production, treatment and distribution capacities of the system; and customer usage based upon historical patterns and the Hays Trinity Groundwater Conservation District production cut back chart(s).

A. Stage I Conditions
Current conditions

B. Stage II Conditions

Stage II best management practices may be implemented when one or more of the following conditions exist:

1. There is period of 8 weeks of recharged rainfall (in areas within the impacting aquifer recharge in the Wimberley Valley) less than the historical three-year average for the time period in consideration as defined by a continued rolling average.

2. When the daily pumpage has exceeded eight hundred thousand gallons for three consecutive days.
3. Static level in monitoring wells falls 10' from the previous three-year average for the time period in consideration.

C. Stage III Conditions

Stage III best management practices may be implemented when one or more of the following conditions exist:

1. There is an extended period (at least 12 weeks) of recharged rainfall (in areas within the impacting aquifer recharge in the Wimberley Valley) less than the historical three-year average for the time period in consideration as defined by a continued rolling average.
2. When the daily pumpage has exceeded seven hundred thousand gallons for three consecutive days.
3. Static level in monitoring wells falls 20' from the previous three-year average for the time period in consideration.

D. Stage IV Conditions

Stage IV best management practices may be implemented when one or more of the following conditions exist:

1. There is an extended period (at least 16 weeks) of recharged rainfall (in areas within the impacting aquifer recharge in the Wimberley Valley) less than the historical three-year average for the time period in consideration as defined by a continued rolling average.
2. Static level in monitoring wells falls 30' from the previous three-year average for those wells for the time period in consideration.

E. Stage V Conditions - Emergency

1. Failure of a major component of the system or an event which reduces the minimum residual pressure in the system below 20 psi for a period of 24 hours or longer.
2. Water consumption of 100 percent of the maximum available and the water storage levels in the system drop during one 24-hour period.
3. Natural or man-made contamination of the supply source(s).
4. Other unforeseen events which could cause imminent health or safety risks to the public.

4. STAGES OF BEST MANAGEMENT PRACTICES

The following best management practices and use restrictions are to be implemented by the triggers in Section 3 (note: ONE trigger condition will force next restriction stage.) The Board shall institute monitoring and enforce penalties for violations of the use restrictions for each of the Stages listed below. The water allocation measures are summarized below.

A. Stage I Restrictions

Target: Achieve a 10% reduction in total water use.

The following allowances and restrictions are in effect at all times, unless superseded by more stringent restrictions upon implementation of a drought response stage.

- Waste of water is prohibited at all times.
- Irrigation with hose-end sprinklers and automatic sprinkler irrigation systems is permitted any day between the hours of 7PM -11:00AM.
- Irrigation with hand-held bucket, hand-held hose equipped with positive shut off device, soaker hose and drip irrigation systems is permitted on any day between the hours of 7PM -11:00AM.
- Vehicle washing is permitted on any day at any time but must be done using a handheld hose equipped with a positive shut off device.
- Swimming pools are allowed to operate and be filled as normal. It is recommended that pools be covered while not in use to minimize evaporative losses.

B. Stage II Restrictions

Target: Achieve a 20% reduction in total water use based on historical average for previous 60 days pumpage. Well levels must meet or exceed historical levels for time period in consideration.

Wimberley WSC Best management Practices

The Corporation will notify customers of water use restrictions in effect.

Customer Water Use Restrictions for Demand Reduction

- (1) Alternate day, time of day or duration restrictions for irrigation with hose-end sprinklers or automatic irrigation systems of gardens and landscaped areas. (Example: Customers with street addresses ending in an even number may water outside areas on Sundays and Thursdays between the hours of 7:00AM and 10:00AM and 7:00PM and 10:00PM. Customers with odd number street address may water outside areas on Saturdays and Wednesdays between the hours of 7:00AM and 10:00AM and 7:00PM and 10:00PM.) However, irrigation of landscaped areas is permitted any day between the hours of 7:00AM and 10:00AM and 7:00PM and 10:00PM by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less or drip irrigation system.
- (2) Use of residential water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is permitted on designated water days. Such washing shall be done with a hand-held hose equipped with a positive shutoff nozzle. Charity car washes are prohibited.

- (3) Use of water to fill, refill or add to any indoor or outdoor swimming pools, wading pools, or Jacuzzi-type pools is permitted on designated watering days. It is recommended that pools be covered while not in use to minimize evaporative losses.

C. Stage III Restrictions

Target: Achieve an additional 10% (30% total) reduction in total water use based on historical average for previous 60 days pumpage.

Wimberley WSC Best management Practices

The Corporation will notify customers of water use restrictions in effect.

Customer Water Use Restrictions for Demand Reduction

- (1) Alternate day, time of day or duration restrictions for irrigation with hose-end sprinklers or automatic irrigation systems of gardens and landscaped areas. (Example: Customers with street addresses ending in an even number may water outside areas on Sundays between the hours of 7:00AM and 10:00AM and 7:00PM and 10:00PM. Customers with odd number street address may water outside areas on Saturdays between the hours of 7:00AM and 10:00AM and 7:00PM and 10:00PM.) However, irrigation of landscaped areas is permitted on designated days by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less or drip irrigation system. (Example: Customers with street addresses ending in an even number may water outside areas on Sundays and Thursdays between the hours of 7:00AM and 10:00AM and 7:00PM and 10:00PM. Customers with odd number street address may water outside areas on Saturdays and Wednesdays between the hours of 7:00AM and 10:00AM and 7:00PM and 10:00PM.)
- (2) Use of residential water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is permitted on designated water days. Such washing shall be done with a hand-held hose equipped with a positive shutoff nozzle. Charity car washes are prohibited.
- (3) Use of water to add to any indoor or outdoor swimming pools, wading pools, or Jacuzzi-type pools is permitted on your designated days. It is recommended that pools be covered while not in use to minimize evaporative losses.

D. Stage IV Restrictions

Target: Achieve an additional 10% (40% total) reduction in total water use based on historical average for previous 60 days pumpage.

Wimberley WSC Best management Practices

The Corporation will notify customers of water use restrictions in effect.

Customer Water Use Restrictions for Demand Reduction

- (1) **THE USE OF HOSE-END SPRINKLERS OR PERMANENTLY INSTALLED AUTOMATIC SPRINKLER SYSTEMS ARE PROHIBITED AT ALL TIMES.**

Irrigation of landscaped areas shall be limited to Sundays for customers with street addresses ending in an even number (0, 2, 4, 6 or 8) and Saturdays for customers with street addresses ending in an odd number (1, 3, 5, 7, 9) between the hours of 7:00AM and 10:00AM and between 7:00PM and 10:00PM and **shall be by means of hand-held hoses with positive shut off nozzle, hand-held buckets, or drip irrigation or soaker hoses.**

- (2) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated water day between the hours of 7:00AM and 10:00AM and between 7:00PM and 10:00PM. Such washing, when allowed shall be done with a hand-held hose equipped with a positive shutoff nozzle for quick rinses. Vehicle washing may be exempt from these restrictions if the health, safety and welfare of the public are contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables. Charity car washes is prohibited.
- (3) Use of water to add to any indoor or outdoor swimming pools, wading pools, or Jacuzzi-type pools is permitted. New construction pool fill or refill of existing pool is prohibited. Swimming Pool water surface should be covered when pool is not in use to minimize evaporation.
- (4) Wimberley Water Supply Corporation restricts the use of water from hydrants to firefighting, related activities or other activities necessary to maintain public health, safety and welfare.

E. Stage V Restrictions: Emergency Demand Management

Customer Water Use Restrictions for Emergency Demand Reduction

- (1) **ALL OUTSIDE WATER USE IS PROHIBITED.**
- (2) Wimberley Water Supply Corporation may adopt and enforce any or all additional measures to reduce water demand as needed to protect water supplies and human health safety.

5. INITIATION AND TERMINATION PROCEDURES

Once a trigger condition occurs, the Corporation, or Corporation manager shall, based on guidelines from the Drought/Emergency Management Plan, decide if the appropriate stage of best management practices and customer water use restrictions shall be initiated. The initiation may be delayed if there is a reasonable possibility the water system performance will not be compromised by condition.

Written notice of the proposed stage of water demand reduction measure and customer water use restrictions shall be mailed or delivered to each affected customer upon the initiation or reversion of any stage. Note: Reversion of stages within the Drought Contingency Plan may only occur one stage at a time. In addition, upon adoption of any stage or reversion, a notice will be placed on your bill, Wimberley WSC website and announced on a local radio station. The customer notice shall contain the following information:

- a. Restriction stage
- b. Restriction stage implementation or reversion date.
- c. Information on where to receive additional Drought Restriction information.

A sample Customer Notice of water demand reduction measure and customer water use restrictions is included in Miscellaneous Transaction Forms of the tariff.

The Drought Emergency Management Committee or Corporation Manager shall present the reasons for the measures at the next scheduled Board Meeting and shall request the concurrence of the Board to extend the period or reduced demand measures.

When the trigger condition no longer exists then the Board of Directors may terminate the water demand reduction measures provided that such an action is based on established monitoring metrics. Public notice of the end of demand reduction measures shall be given to customers. A water demand reduction measures period may not exceed 30 days without extension by action of the Board.

6. PENALTIES FOR VIOLATIONS

Under threat of penalty for violation the following water use restrictions shall apply to all persons.

- a. **First Violation-** The customer /member will be notified by a verbal and or written notice of their specific violation and their need to comply with the Drought Contingency Plan regulations (certified letter, return requested). The notice will show the amount of penalty to be assessed for continued violations.
- b. **Second Violation** – Wimberley Water Supply Corporation will assess a penalty not to exceed six times the monthly minimum bill (\$180.00). Wimberley Water Supply Corporation may also install a flow restricting device at the customer/member's meter service to limit the amount of water that will pass through the meter. The restricting device will remain in place for the remainder of the current billing cycle and until evidence shows that customer/member is in full compliance.
- c. **Termination-** Wimberley Water Supply Corporation may terminate water service for up to 7 consecutive days for continuing violation(s) after penalties are assessed. Service will remain off until any delinquent penalty or other assessment is fully paid including a charge for reconnection and until evidence shows that customer/member is in full compliance.

Any person, including a person classified as a water customer of the Wimberley Water Supply Corporation, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violations occurred on the person's property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violations, but any such person shall have the right to show that he/she did not commit the violations.

THESE PROVISIONS APPLY TO ALL MEMBERS/CUSTOMERS OF THE CORPORATION.

NOTE: PENALTY -- The TCEQ rules provide that a WSC is allowed to charge a reasonable penalty to customers that fail to comply with the Rationing Procedures in accordance with 30TAC 291.41(j) if:

- (1) The penalty is clearly stated in the tariff.
- (2) The penalty is reasonable and does not exceed six (6) times the minimum monthly bill stated in the water supply corporation's tariff.
- (3) The water supply corporation will deposit any penalty in (assessment amount) into its account dedicated to enhancing water supply for the benefit of all the water supply corporation's customers.

7. EXEMPTIONS OR WAIVERS

The Drought/Emergency Management Committee or Corporation Manager may, in writing or verbal, grant a temporary variance for existing water uses otherwise prohibited under this Plan if it is determined that failure to grant such variance could cause an emergency condition adversely affecting the health or sanitation of 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 conditions 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 Drought/Emergency Management Committee or Corporation Manager after the Plan or a particular drought response stage has been invoked or after a condition justifying the variance first occurs. All petitions for variances shall be reviewed by the Committee or Corporation Manager and shall include the following (unless verbally confirmed):

- Name and address of the petitioner(s)
- Purpose of water use and location of service.
- Specific provision(s) of the Plan from which the petitioner is requesting relief.
- 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 Plan.
- Description of the relief requested.
- Period of time for which the variance is sought.
- 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.
- Other pertinent information as requested by the Committee or Corporation Manager

Variances granted by the Committee or Corporation Manager shall be subject to the following conditions unless specifically waived or modified by the Committee or Board of Directors:

- Variances granted shall include a timetable for compliance.

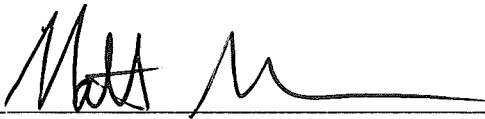
- Variances granted shall expire when the applicable Best Management Practice Stage is no longer in effect, unless the petitioner has failed to meet specified requirements. No variance allowed for a condition requiring water demand reduction measures will continue beyond the termination of the applicable Best Management Practice Stage. Any variance for a subsequent water reduction measure must be petitioned again. The fact that a variance has been granted in response to a petition will have no relevance to the Committee's decision on any subsequent petition.

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


8. IMPLEMENTATION

The Board establishes a Drought/Emergency Management Committee by Resolution. The Committee or Corporation Manager will be the responsible representative to make Drought and Emergency Water Management actions. This Committee and Corporation Manager will review the procedures in this Plan at least annually. Modifications may be required to accommodate system growth, changes in water use demand, available water supply and/or other circumstances.

This plan was reviewed and revised and finalized by a committee consisting of: Garrett Allen (Corporation Manager), Scott Johnson & Craig Fore on February 16, 2024. The revised plan was reviewed and approved by WWSC Board of Directors on February 20, 2024, at the monthly Board Meeting, and to become effective May 1, 2024.



Matt Meeks, President



Steven Jagers, Secretary-Treasurer

WWSC-DROUGHT CONTINGENCY PLAN SUMMARY

	Stage I	Stage II	Stage III	Stage IV	Stage V
Irrigation- Hose-End and Automatic Sprinklers	Permitted any day between 7PM -11 AM	Permitted 2 designated days a week 7:00am-10:00am 7:00pm-10:00pm	Permitted 1 designated day a week 7:00am-10:00am 7:00pm-10:00pm	Not Permitted	Not Permitted
Irrigation- Bucket, Hand-Held Hose with Positive Shut Off Nozzle, Soaker Hose, Drip Irrigation	Permitted any day between 7PM -11 AM	Permitted any day 7:00am-10:00am 7:00pm-10:00pm	Permitted 2 designated days a week 7:00am-10:00am 7:00pm-10:00pm	Permitted 1 designated day a week 7:00am-10:00am 7:00pm-10:00pm	Not Permitted
Vehicle Washing Hand-Held Hose with Positive Shut Off Nozzle	Permitted any day any time	Permitted 2 designated days a week 7:00am-10:00am 7:00pm-10:00pm	Permitted 2 designated days a week 7:00am-10:00am 7:00pm-10:00pm	Permitted 1 designated day a week 7:00am-10:00am 7:00pm-10:00pm	Not Permitted
Swimming Pools (Should be covered when not in use to minimize evaporative losses)	Permitted to operate and be filled as normal	Permitted 2 designated days a week 7:00am-10:00am 7:00pm-10:00pm	Permitted 2 designated days a week 7:00am-10:00am 7:00pm-10:00pm	Permitted 1 designated day week 7:00am-10:00am 7:00pm-10:00pm New construction pool fill, or refill of existing pool is prohibited.	Not Permitted
Water Features	Permitted	Permitted	Permitted	Permitted	Not Permitted
Washing Impervious Surfaces with positive shut off nozzle	Permitted 1 designated day a week 7:00am-10:00am 7:00pm-10:00pm	Permitted 1 designated day a week 7:00am-10:00am 7:00pm-10:00pm	Permitted 1 designated day a week 7:00am-10:00am 7:00pm-10:00pm	Not Permitted Variance for safety or health hazard only	Not Permitted
Pressure Washers	Permitted	Permitted	Permitted	Permitted Upon granted variance only	Not Permitted

Notes: 2 Designated Water Days: Street addresses ending in even numbers – Sunday and Thursday / Odd numbers Saturday and Wednesday
 1 Designated Water Day: Street addresses ending in even numbers – Sunday / Odd numbers - Saturday