



# Historic Trinity User Drought Contingency Plan

For

## Las Lomas Property Owners Association

Irrigation Permittee

(Golf Courses, Athletic Fields, Turf & Landscape)

### Table of Contents

Introduction..... 1

Section 1 Declaration of Policy, Purpose and Intent ..... 2

Section 2. Drought Notice ..... 2

Section 3. Alternate Water Sources ..... 3

Section 4. Coordination with Regional Water Planning Groups ..... 3

Section 5. Facility Information ..... 3

Section 6. Enforcement Procedure..... 3

Section 7. Drought Stage Triggers and Responses ..... 4

    Drought Responses for Water Conservation Period ..... 4

    Drought Responses for Stage 1 – Alarm Drought ..... 4

    Drought Responses for Stage 2 – Critical Drought ..... 5

    Drought Responses for Stage 3 – Exceptional Drought ..... 6

    Drought Responses for Stage 4 – Emergency Response Period ..... 6

#### INTRODUCTION

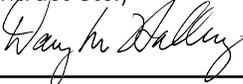
This UDCP will enable Las Lomas (the “Permittee”) to manage its water system and water resources in a conscientious, fair, and appropriate manner during certain situations when water use reductions are necessary. It is not designed to punish, stigmatize, or criticize anyone about their usage of water. Its sole intent is to protect the public health and safety by maintaining an adequate supply of water during the various stages of drought conditions or other water supply emergencies, which may occur from time to time.

The Permittee believes that significant reductions in water usage can be achieved through drought triggered water use restrictions, voluntary efforts and contract provisions requiring curtailment. Implementation of voluntary water conservation measures and conscientious water use practices are encouraged at all times; however, additional water use restrictions and curtailments are required in cases of extreme drought, periods of abnormally high usage, system contamination, or extended reduction in ability to supply water due to equipment failure. During drought, these efforts, will protect the public health and safety and delay the depletion of spring flows at Barton Springs and aquifer water levels until sufficient recharge is available to replenish the Aquifer. Should drought conditions reach more severe levels, the permittee has planned and is prepared to restrict or curtail certain types of usage.

**SECTION 1. Declaration of Policy, Purpose, and Intent**

Las Lomas (permittee), in its continuing effort to maintain an adequate supply of high quality water, has prepared this UDCP with the guidance of the Barton Springs/Edwards Aquifer Conservation District (District). In order to maintain supply, storage, or pressure; or to comply with regulatory requirements, temporary restrictions may be instituted to curtail water usage. This UDCP satisfies and complies with District Rules 3-7.5 and 3-7.7 related to Drought Management.

I, Douglas Holberg (print name), being the responsible official for Las Lomas (permittee), agrees to comply with all the applicable District Rules and the measures of the enclosed User Drought Contingency Plan, and to officially adopt the enclosed plan through the appropriate vehicle (i.e. ordinance, TCEQ tariff amendment, resolution, policy amendment, contract etc.)

 (Signature of Responsible Official ) 11/5/2025 (Date)

**SECTION 2. Drought Notice**

The District will notify permittees of the implementation or termination of each stage of the water restriction program. Permittees must then inform all facility personnel and/or tenants prior to implementation or termination of each stage of the water restriction program. Notice of the District declaration must be provided at least 72 hours prior to the start of water use restrictions. Notice posted onsite at the facility should contain the following information:

1. the date restrictions will begin
2. the circumstances that triggered the restrictions
3. the stages of response and explanation of the restrictions to be implemented

Upon notification of a Drought stage declaration by the District, the permittee will activate the respective response measures of its UDCP. The Permittee will perform the recommended and mandatory actions specified in this UDCP. The Permittee will curtail pumpage according to the following curtailment schedule:

Drought Curtailment Chart						
	Edwards Aquifer					Trinity Aquifer
	Historical	Conditional				Historical
		Class A	Class B	Class C	Class D	
Water Conservation Period (Voluntary)	10%	10%	10%	10%	10%	10%
Alarm	20%	20%	50%	100%	100%	20%
Critical	30%	30%	75%	100%	100%	30%
Exceptional	40%	50% <sup>1</sup>	100%	100%	100%	30%
Emergency Response Period	50% <sup>3</sup>	>50% <sup>2</sup>	100%	100%	100%	30%

1. Only applicable to Edwards LPPS and existing unpermitted nonexempts after A to B reclassification triggered by Exceptional Stage declaration
2. Curtailments > 50% subject to Board discretion
3. ERP (50%) curtailments became effective October 11, 2015. ERP curtailments to be measured as rolling 90-day average after first three months of declared ERP.

**SECTION 3. Alternate Water Sources**

The permittee will identify an alternate water source or other contingency to be utilized or implemented directly by the permittee to manage limited water supplies in the event of water supply contamination or system outage. The alternate supply or other contingency shall be evidenced by documentation (contracts, affidavits, etc.) that demonstrates the availability when needed. **If no alternate water sources are identified, please provide a descriptive explanation as to why.**

The current available water sources and alternate contingency sources for the Permittee include:

Source: Well

Source: \_\_\_\_\_

**SECTION 4. Coordination with Regional Water Planning Groups**

The Permittee’s water service area is located within the following listed Regional Water Planning Areas. A copy of this Drought Contingency Plan has been provided to those applicable regional water planning groups.

- Region K Lower Colorado
- Region L South Central Texas

**SECTION 5. Facility Information**

The permittee will periodically provide facility staff, employees, personnel and/or grounds maintenance crews with information about this 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 such as employee training/meetings, via email, websites, or print notice. Permittee must notify facility personnel and/or grounds maintenance crews of the initiation or termination of drought responses stages. Documentation of these efforts shall be kept by the Permittee for record and provided to the District upon request.

**SECTION 6. Enforcement Procedure**

The UDCP must include a means of implementation and enforcement in accordance with District Rule3-7.5 (E). Specifically, each permittee must: 1) develop and implement procedures for enforcing this UDCP and 2) inform Permittee customers or facility personnel of the authority and intent to enforce the measures of the UDCP.

**SECTION 7. Drought Stage Triggers and Responses**

<b>Permit Type: Historic Trinity</b>	
Water Conservation Period (Voluntary)	10% curtailment
Stage 1 Alarm	20% curtailment
Stage 2 Critical	30% curtailment
Stage 3 Exceptional	30% curtailment
Stage 4 Emergency Response Period	30% curtailment

## WATER CONSERVATION PERIOD

### **INITIATION:**

The Permittee will recognize that the Water Conservation Period exists any time the District is not in a declared drought stage. The permittee will be expected to follow voluntary water use measures during this conservation period.

### **TERMINATION:**

The Permittee will recognize that a Water Conservation Period may be rescinded when the District has declared a drought of any stage.

### **RECOMMENDED ACTIONS:**

Voluntary overall 10% monthly reduction.

### **RESPONSE MEASURES:**

Continue measures of User Conservation Plan.

## STAGE 1: ALARM DROUGHT

### **INITIATION:**

The Permittee will recognize that Stage 1 Alarm Drought exists upon receiving notification from the Barton Springs/ Edwards Aquifer Conservation District that the District has declared the aquifer to be in a Stage 1 Alarm Drought; the permittee will activate the **Stage 1 Alarm Drought** measures of its UDCP.

### **TERMINATION:**

The Permittee will recognize that Stage II Alarm Drought may be rescinded upon receiving notification from the Barton Springs/ Edwards Aquifer Conservation District that the District has declared no drought and enters a Water Conservation Period or has declared a different drought stage.

### **MANDATORY ACTIONS:**

Mandatory overall minimum 20% monthly reduction.

### **RESPONSE MEASURES:**

Continue measures of User Conservation Plan previously outlined in the Water Conservation Period section of this document. Implement additional measures outlined in this section.

- Permittee shall establish procedures to adopt and implement the drought stage measures listed in Appendix A.
- Permittee shall implement a watering schedule or follow the District recommended watering schedule referred to in Appendix B.

- All meters throughout the facility shall be read as often as necessary to ensure compliance with monthly curtailments.
- Conduct a monthly Leak Detection Survey and immediately repair all identified leaks in the system.
- Monitor any construction activity and require contractors to report line breaks immediately or shutoff flow if possible.
- Follow recommended irrigation BMPs for turf and landscaping.
- Maximize process recycled water where possible.
- Employee personnel and system operators should regularly monitor the service area for occurrences of waste or excessive usage.
- Implement employee and personnel awareness efforts by providing training and placing signage in visible places throughout the onsite facility in order to inform employees of the prospective drought stage.
- Utilize the District’s drought stages then utilize the correct terminology on all outreach signage, “Stage 1 Alarm Drought”.

## **STAGE 2: CRITICAL DROUGHT**

### **INITIATION:**

The Permittee will recognize that Stage 2 Critical Drought exists upon receiving notification from the Barton Springs/ Edwards Aquifer Conservation District that the District has declared the aquifer to be in a Stage 2 Critical Drought; the permittee will activate the **Stage 2 Critical Drought** measures of its UDCP.

### **TERMINATION:**

The Permittee will recognize that Stage 2 Critical Drought may be rescinded upon receiving notification from the Barton Springs/ Edwards Aquifer Conservation District that the District has declared no drought and enters a Water Conservation Period or has declared a different drought stage.

### **MANDATORY ACTIONS:**

Mandatory overall minimum 30% monthly reduction.

### **RESPONSE MEASURES:**

Continue measures of User Conservation Plan and the measures previously outlined in the Water Conservation Period and Stage 1 Alarm Drought sections of this document. Implement the additional measures found in this section.

- Utilize the District’s drought stages then utilize the correct terminology on all outreach signage, “Stage 3 Critical Drought”.

## **STAGE 3: EXCEPTIONAL DROUGHT**

### **INITIATION:**

The Permittee will recognize that Stage 3 Exceptional Drought exists upon receiving notification from the Barton Springs/ Edwards Aquifer Conservation District that the District has declared the aquifer to be in a Stage 3 Exceptional Drought; the permittee will activate the **Stage 3 Exceptional Drought** measures of its UDCP.

### **TERMINATION:**

The Permittee will recognize that Stage IV Exceptional Drought may be rescinded upon receiving notification from the Barton Springs/ Edwards Aquifer Conservation District that the District has declared no drought and enters a Water Conservation Period or has declared a different drought stage.

### **MANDATORY ACTIONS:**

Mandatory overall minimum 30% monthly reduction.

### **RESPONSE MEASURES:**

Continue measures of User Conservation Plan and the measures previously outlined in the Water Conservation Period, Stage 1 Alarm, and Stage 2 Critical Drought sections of this document. Implement the additional measures found in this section.

- If Permittee fails to meet District required drought curtailments, the District will seek all available remedies to enforce curtailment available to the District under State law.
- Utilize the District's drought stages then utilize the correct terminology on all outreach signage, "Stage 3 Exceptional Drought".

## **STAGE 4: EMERGENCY RESPONSE PERIOD**

### **INITIATION:**

The Permittee will recognize that Stage 4 Emergency Response Period exists upon receiving notification from the Barton Springs/ Edwards Aquifer Conservation District that the District has declared the aquifer to be in a Stage 4 Emergency Response Period; the permittee will activate the **Stage 4 Emergency Response Period** measures of its UDCP.

### **TERMINATION:**

The Permittee will recognize that Stage 4 Emergency Response Period may be rescinded upon receiving notification from the Barton Springs/ Edwards Aquifer Conservation District that the District has declared no drought and enters a Water Conservation Period or has declared a different drought stage.

### **MANDATORY ACTIONS:**

Mandatory overall minimum 30% monthly reduction.

**RESPONSE MEASURES:**

Continue measures of User Conservation Plan and the measures previously outlined in the Water Conservation Period, Stage 1 Alarm, Stage 2 Critical, and Stage 3 Drought sections of this document. Implement the additional measures found in this section.

- Utilize the District’s drought stages then utilize the correct terminology on all outreach signage, “Stage 4 Emergency Response (ERP) Drought”.

## **Appendix A**

### **Recommended Drought Stage Measures**

**The Permittee will encourage or will establish procedures to adopt the following water efficiency measures during District declared drought stages:**

#### **Outdoor Irrigation**

- Irrigation of a golf course or athletic fields - tees, greens, fairways, turf, landscape beds, playing fields, practice areas, driving ranges, and roughs - should be managed by an automatic irrigation control system.
- An irrigation control system shall operate to achieve optimal irrigation efficiency of a golf course or athletic fields using on-site weather station inputs to determine minimum irrigation volumes. The irrigation system shall also be maintained in accordance with the manufacturer's specifications.
- An irrigation control system operated for residential turf and landscape irrigation shall have their controllers manually set to achieve optimal irrigation efficiency and to program runtimes to be consistent with recommended watering practices.
- The irrigation system shall also be maintained in accordance with the manufacturer's specifications.
- Irrigate only between the hours of 8:00 p.m. and 5:00 a.m.

#### **Turfgrass Management and Irrigation**

- Avoid watering on windy days.
- Cut turf on highest setting and leave lawn clippings instead of collecting.
- Provide adequate and balanced levels of nutrients to the turf. Avoid excessive amounts of nitrogen, and apply nutrients based upon turf species and cultivar nutrient requirements, level of use and soil type.
- Use soil cultivation techniques such as spiking, slicing and core aerification to improve water infiltration and minimize runoff during irrigation or rainfall events.
- Use environmentally safe wetting agents to improve water infiltration.
- Explore the potential use of polymers as a means of increasing water retention and reducing water loss to evaporation.
- Limit cart traffic to paths to minimize turf wear and soil compaction.
- Prune roots of trees near critical turf areas to prevent tree root competition with the turf for moisture and nutrients.
- Utilize supplemental water sources where possible (e.g. purchased water, collected rainwater, etc.).
- Utilize water reuse where possible.

#### **Landscape Management and Irrigation**

- Avoid watering on windy days.
- Use drip irrigation in landscape areas to apply water only to the plants that need it.
- Use mulches in shrub and flowerbeds to reduce water evaporation losses.
- Consider use of polymers as a means of increasing water retention and reducing water loss to evaporation.

- Use xeriscape landscaping or native drought tolerant plants where feasible around buildings, parking areas or other appropriate places.
- Plant native vegetation when replacing vegetation.
- Utilize supplemental water sources where possible (e.g. purchased water, collected rainwater, etc.).
- Utilize water reuse where possible.

#### Power Washing or Vehicle Washing

- Vehicle and field equipment washing shall prohibited, unless the water used is recycled and re-circulated
- No washing of driveways, sidewalks, or streets.

#### Bathrooms/Other Indoor Facilities (if applicable)

- Check for toilet and faucet leaks and repair any found leaks immediately.
- Use water displacement device in toilet tank or replace older model toilets with HET models when possible.
- Install aerators on faucets.
- Turn off master water shutoff when facilities are not in use.
- Do not over water potted plants.

#### Permittee Actions:

- Post signs using District terminology at all faucets, sinks, outdoor spigots, and other water sources to remind visitors, customers, facility personnel, grounds maintenance crews and employees of the current drought stage curtailments (not an applicable requirement for residential irrigation).
- Inform employees or grounds maintenance crews of need to reduce water use.
- Monitor for occurrences of waste.
- Visually inspect lines and repair leaks on a regular basis.
- Monitor any construction activity and require contractors to report line breaks immediately or shutoff flow if possible.
- Evaluate system pressure needs and reduce pressure where excessively high.

#### The following uses of water are defined as nonessential and should be limited:

- wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas
- use of water to wash down buildings or structures for purposes other than immediate fire protection
- use of water for dust control unless required for mandatory regulatory compliance
- flushing gutters or permitting water to run or accumulate in any gutter or street
- failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s) and
- any waste of water.

## Appendix B

### Recommended Watering Schedules

Use Type: Golf Course Irrigation

Drought Stage	Water Conservation Period	Alarm Drought Stage 1	Critical Drought Stage 2	Exceptional Drought Stage 3	Emergency Drought Stage 4
<b>Reduction Goals</b>	<b>Voluntary 10%</b>	<b>Mandatory 50%</b>	<b>Mandatory 75%</b>	<b>Mandatory 100%</b>	<b>Mandatory 100%</b>
<b>Irrigation/ Watering hours</b>	<b>8pm - 5am</b>	<b>8pm - 5am</b>	<b>8pm - 5am</b>	<b>8pm - 5am</b>	<b>8pm - 5am</b>
Tees (including driving range) & Greens	Automated system (ET input)	Automated system (ET input)	Automated system (ET input)	Prohibited (except alternative supply)	Prohibited (except alternative supply)
Fairways	Automated system (ET input)	2x/week	2x/week	Prohibited (except alternative supply)	Prohibited (except alternative supply)
Landscape turf	Automated system (ET input)	2x/week	1x/week	Prohibited (except alternative supply)	Prohibited (except alternative supply)
Landscape beds	Automated system (ET input)	2x/week	1x/week	Prohibited (except alternative supply)	Prohibited (except alternative supply)
Practice areas	Automated system (ET input)	1x/week	Every other week	Prohibited (except alternative supply)	Prohibited (except alternative supply)
Roughs	Automated system (ET input)	Prohibited	Prohibited	Prohibited (except alternative supply)	Prohibited (except alternative supply)

Use Type: Athletic Field Irrigation

Drought Stage	Water Conservation Period	Alarm Drought Stage 1	Critical Drought Stage 2	Exceptional Drought Stage 3	Emergency Drought Stage 4
<b>Reduction Goals</b>	<b>Voluntary 10%</b>	<b>Mandatory 50%</b>	<b>Mandatory 75%</b>	<b>Mandatory 100%</b>	<b>Mandatory 100%</b>
<b>Irrigation/ Watering hours</b>	<b>8pm - 5am</b>	<b>8pm - 5am</b>	<b>8pm - 5am</b>	<b>8pm - 5am</b>	<b>8pm - 5am</b>
Playing fields and practice fields	Automated system (ET input)	Automated system (ET input)	Automated system (ET input)	Prohibited (except alternative supply)	Prohibited (except alternative supply)
Landscape turf	Automated system (ET input)	2x/week	1x/week	Prohibited (except alternative supply)	Prohibited (except alternative supply)
Landscape beds	Automated system (ET input)	2x/week	1x/week	Prohibited (except alternative supply)	Prohibited (except alternative supply)

Use Type: Residential Turf/Landscape Irrigation

<b>Drought Stage</b>	<b>Water Conservation Period</b>	<b>Alarm Drought Stage 1</b>	<b>Critical Drought Stage 2</b>	<b>Exceptional Drought Stage 3</b>	<b>Emergency Drought Stage 4</b>
<b>Reduction Goals</b>	<b>Voluntary 10%</b>	<b>Mandatory 50%</b>	<b>Mandatory 75%</b>	<b>Mandatory 100%</b>	<b>Mandatory 100%</b>
<b>Irrigation/ Watering hours</b>	<b>8pm - 5am</b>	<b>8pm - 5am</b>	<b>8pm - 5am</b>	<b>8pm - 5am</b>	<b>8pm - 5am</b>
Landscape turf	Automated system (ET input)	2x/week	1x/week	Prohibited (except alternative supply)	Prohibited (except alternative supply)
Landscape beds	Automated system (ET input)	2x/week	1x/week	Prohibited (except alternative supply)	Prohibited (except alternative supply)
Trees	1x/week	1x/week	1x/week	Prohibited (except alternative supply)	Prohibited (except alternative supply)