

_____ **WATER CONSERVATION PLAN**
LANDSCAPE IRRIGATION CONTRACT
UNDER 30 ACRE-FEET OF WATER PER YEAR
_____ **2026**

1. INTRODUCTION

_____ developed the Water Conservation Plan (Plan) to effectively manage the water resources for irrigation use within the service area. The Plan meets the LCRA Water Conservation Plan Rules for Water Sale Contracts dated November 2022. The Plan recognizes that conservation is a valuable tool. Benefits of water conservation may include:

- extending available water supplies,
- reducing the risk of shortage during periods of extreme drought,
- reducing operating costs,
- improving the reliability and quality of water service,
- reducing customer costs for water service,
- and enhancing water quality and the environment.

The intent of the Plan is to identify opportunities to reduce water consumption and eliminate water waste, methods for improving water use efficiency, and methods for increasing the beneficial reuse and recycling of water.

2. BASELINE PROFILE

_____ receives raw water from _____.

The water is used to irrigate: _____

(describe area, including number of acres)

The irrigation system includes: _____

(describe irrigation system, controller, sensors, weather station, monitoring equipment and all pertinent information about the system. If possible, provide an irrigation system layout diagram)

Check the boxes as applicable to indicate features of the irrigation system used:

- ☐ Rotors (_____ % of system)
- ☐ Sprays (_____ % of system)

Monthly diversions typically vary with rainfall but are influenced by operations procedures. Bi-annual water use by month for the past three years is shown in Table 1.

Table 1: Monthly water use (actual metered use)

Month	2023 (gallons)	2024 (gallons)	2025 (gallons)	Average
January - June				
June - December				
Total				

3. WATER SAVINGS TARGETS

_____ actively and aggressively pursues water conservation and pursues any and all opportunities to reduce water use. After the first year that water use is metered, the goal will be to decrease water use by at least 5% by the fifth year this plan is in place, or _____ acre-feet. The 10-year goal will be to decrease by at least another 5%, or _____ acre-feet.

4. LEAK DETECTION, REPAIR AND WATER LOSS CONTROL

_____ calibrates water meters used to measure the amount of water diverted from the source of supply no less than once every two years to within 5% accuracy.

An irrigation technician regularly monitors the irrigation system for effectiveness and efficiency as well as uniformity of application, application rates, overspray and irrigation head clogging. The irrigation pump stations are inspected regularly and closely inspected bi-annually for all preventative maintenance items towards the goal of minimizing any irrigation cycle malfunctions.

_____ checks for leaks on a seasonal basis and fixes problems such as broken irrigation heads within _____.

5. WATER CONSERVING EQUIPMENT, OPERATIONS & SCHEDULING

Permanent Watering Schedule - required

Permanent landscape watering schedule for spray irrigation. This schedule must limit outdoor spray irrigation for landscapes to no more than twice per week and only between the hours of midnight to 10 a.m. and 7 p.m. to midnight.

Residential addresses ending in odd numbers: Wednesdays and Saturdays

Residential addresses ending with even numbers: Thursdays and Sundays

Commercial customers: Tuesdays and Fridays

If an alternate watering schedule is needed to irrigate a large landscape that cannot be covered completely within the 15-hour watering window allowed, please list the schedule below and provide a map as an appendix to this plan showing the schedule to irrigate any specific area of the property no more than twice weekly:

For new construction or major renovations of ornamental landscaping:

- No more than 50% of the ornamental landscape shall be planted in turf. Longer leafed native grasses and wildflowers that use low amounts of water are not considered turf grass when determining how much turf grass is allowed.
- No more than 75% of the ornamental landscape shall be irrigated by automatic spray irrigation.

Irrigation scheduling is monitored regularly by an irrigation technician to maximize the benefit of natural rainfall events, adjusting frequency and duration for maintenance irrigation zones as appropriate. Irrigation scheduling will be adjusted seasonally to reflect changes in seasonal irrigation requirements.

Check all water conserving equipment in use

- ☐ Centralized irrigation control system
- ☐ Multi-stream sprinkler heads (throughout _____ % of the irrigation system)
- ☐ Pressure-reducing sprinkler heads
- ☐ Other pressure-reducing equipment

Check all irrigation scheduling techniques used to maximize irrigation efficiency

- ☐ Evapotranspiration data from a weather service
- ☐ Evapotranspiration data from an on-site weather station
- ☐ On-site rain sensors
- ☐ On-site soil moisture sensors
- ☐ Use of cultural practices such as wetting agents
- ☐ Soil amendments such as compost
- ☐ Irrigation audit conducted by a licensed irrigator at least every two years
- ☐ Other: _____

6. EQUIPMENT UPGRADES AND FUTURE CONVERSIONS

_____ regularly maintains and monitors the effectiveness of the irrigation system, and upgrades are made as necessary to ensure superior performance and efficiency. A maintenance plan is followed to change out old irrigation equipment based on the manufacturer's life cycle guidelines and in response to identification of broken equipment through irrigation audits. Additional inefficiencies are upgraded as feasible.

Check the following boxes as applicable to indicate plans for future irrigation equipment upgrades and conversion to native areas:

- ☐ Remove ____ number of acres from spray irrigation through conversion to native or adapted landscaped areas
- ☐ Upgrade ____ % of the sprinkler heads
- ☐ Upgrade to centralized irrigation control system
- ☐ Upgrade pumps
- ☐ Install pressure reducing equipment
- ☐ Install soil moisture sensors
- ☐ Install or upgrade rain sensor
- ☐ Increase volume of wastewater reuse
- ☐ Other: _____

7. ALTERNATIVE WATER SUPPLIES

_____ ☐ **does** ☐ **does not** have access to wastewater reuse and/or groundwater to supplement water supply needs.

For customers utilizing wastewater reuse and/or groundwater, in addition to the surface water procured under contract from LCRA, _____ uses approximately _____ acre-feet of wastewater reuse from _____ and _____ acre-feet of groundwater to supplement its irrigation requirements. The groundwater ☐ is ☐ is not metered.

8. PLAN IMPLEMENTATION

A water conservation coordinator has been designated to implement this water conservation plan, and send yearly progress reports to LCRA. The current water conservation coordinator is _____ and can be reached at _____.

Customer representative name/title: _____

Signed approval: _____ **Date:** _____
(Customer representative with authority to implement plan)