



User Conservation Plan
For
Ruby Ranch Water Supply Company

Retail Public Water Supply Permittee

The above named permittee has adopted this User Conservation Plan as required by the Barton Springs/Edwards Aquifer Conservation District and agrees to comply with all the applicable District Rules in implementing and enforcing the measures of the enclosed plan.

Permittee Signature: *Steven Edgar Bradant PRWSC* Date: 6/29/19

User Conservation Plan Checklist – Retail Public Water Supply

A User Conservation Plan is a strategy or combination of strategies for reducing the volume of water withdrawn from a water supply source, for reducing the loss or waste of water, for maintaining or improving the efficiency in the use of water, for increasing the recycling and reuse of water, and for preventing the pollution of water. A user conservation plan may be a separate document identified as such or may be contained within another water management document (s).

Conservation Measures Relating to Retail Customers

1. Promote and encourage installation and use of water saving plumbing fixtures in existing homes. Promotion will take place through information mail outs and/or distribution of water saving devices.
2. Promote the replacement of water using appliances with more water efficient varieties. Promotion will take place through mail outs and creation of incentive programs.
3. Promote customer household leak detection and repair.
4. Promote and encourage water efficient landscape practices such as water-wise landscape design and drip irrigation for new turf and landscaping. Promotion will take place through mail outs and creation of incentive programs.
5. Promote and encourage conversion of high water use turf and landscapes to native and water-wise designs for existing turf and landscaping. Promotion will take place through mail outs and creation of incentive programs.
6. Implement a watering schedule that limits landscape irrigation to no more frequently than once every 5 days and to only between the hours of 10 pm and 7 am.
7. Encourage and promote minimum soil depth (6" or greater) for new residential turf and landscaping.
8. Send notices at the start and end of the District Water Conservation Period to remind customers to check, repair, and make adjustment to automatic sprinkler systems as necessary.
9. Require dedicated irrigation meters for all new industrial and commercial customers.
10. Assist customers with automatic sprinkler systems by providing information and materials on conducting irrigation audits and efficient operation of the sprinkler system to avoid waste (adjustment of controllers, installation of rainwater shutoff devices, etc).

Conservation Measures Relating to System Operations

11. Conduct periodic system water audits and system water loss assessment to determine illegal connections, abandoned services, etc. Use results to revise meter testing and repair practices, reduce unauthorized water use, improve accounting for unauthorized water use, and implement effective water loss management strategies.
12. Implement and continue an on-going program of system leak detection and repair, which shall include the consideration and utilization of improved technology when possible. Cut off vacant houses; verify there are no leaks.
13. Monitor high usage customers and provide additional support and encouragement to promote efficient and effective use and to reduce wasteful practices.
14. Limit flushing of dead-end mains and fire hydrants.
 - a. Dead-end mains - drain only as needed to prevent stale water and/or customer complaints.
 - b. Fire hydrants - open twice yearly to maintain proper operation.
15. In next rate case for consideration by the Texas Commission on Environmental Quality (TCEQ), consider implanting a conservation-oriented rate structure which may include conservation oriented amendments to the tariff to include authorization to implement temporary water rates, the assessment of surcharges to encourage water conservation, and other available measures to encourage water conservation.
16. Require applicants for service to comply with the permittee rules, plans, and regulations as approved by the District and the TCEQ.
17. Continue customer meter testing and meter repair and replacement programs. Set a goal of achieving accuracy of within plus or minus 5.0% in order to measure and account for the amount of water diverted from the source of supply.
18. Implement system-wide prohibition on water waste. Enforce prohibitions with applicable authority, including citations or notices to violators. Set up a special water waste line that will be listed on the billings. Follow up and investigate calls.

General Conservation Measures

19. Develop five-year and ten-year targets for water savings. Include goals for water loss programs and for municipal use (in gallons per capita per day).
20. Promote and encourage voluntary indoor and outdoor conservation measures through examples at Company office(s).
21. Include drought stage and conservation information in customer billings. Include historic water use and customer water use comparisons in customer billings.
22. Assist the District in the distribution of conservation and educational materials.
23. Periodically review and evaluate this conservation plan and implement revisions to the plan as necessary.

Plan Adoption & Enforcement Procedure

The user conservation plan must include a means of implementation and enforcement which shall be evidenced by 1) a copy of the ordinance, regulations, resolution, contractual agreements, or tariff indicating official adoption of the water conservation plan by the water supplier; and 2) a description of the authority by which the water supplier will implement and enforce the conservation plan.