

Utility Management
& Operations

Windermere Oaks WSC

Manager's Report

June 20, 2024

Drought Update

The combined storage level of Lake Travis and Lake Buchanan is 1,117,324 acre-feet which is 56%; Lake Travis is at 466,673 acre-feet which is 42% capacity. One acre-foot (a-f) is the amount of water it takes to cover 1 acre 1 foot deep. One a-f equals 43,560 cubic feet, or 325,851 gallons.

The Corporation is currently in **Stage 2.5** of its Drought Contingency Plan (DCP) **once-per-week watering restrictions** for automatic irrigation and hose-end sprinkler systems between **midnight to 7am and 8pm-midnight**.

- Use of water to wash down any vehicles, airplanes, etc., is prohibited.
- Filling of new pools or drained pools for repair is prohibited. Replenishing of existing pools and spas to maintain proper water quality and operation is allowed. Pools and spas should be covered when not in use to help reduce evaporation.
- Use of outdoor fountains is prohibited, except where aquatic life is present.

We are working on an amended DCP for the Corporation that will include key triggers and restrictions from the LCRA's amended DCP. **This will need to be amended at the Corporation's August Board meeting.**

LCRA is also requiring all Firm Water Customers to adopt and submit a **Curtailment Plan by July 1, 2024**. LCRA issued WOWSC a monthly curtailment baseline, for a 12-month period should the drought move to Stage 4 (included in this report). The curtailment process requires a 20% reduction of water use from the monthly baseline provided. Fines will be issued for going over the curtailment and credits for using less than the curtailment. Attached is the proposed plan for review and approval.

Water System - Distribution

1. We have received one new tap application for water and sewer located on Bedford Drive and are in the process of completing the tap installations.
2. There were no leaks reported during the month of May.

Water System - Plant

1. The Board asked AWR to review the January and February Directors' water loss report that was published with the billing. We are working with Lori and will provide an update once complete.
2. We repaired a broken chlorine line in the pump room and replaced old chemical injectors in the chemical rooms.
3. One of the backwash units at the plant malfunctioned. After troubleshooting, we determined the bray valve needs to be replaced. We have ordered the new valve and will install once received.
4. Turbidity continues to be an issue for the operators and will continue until a new clarifier is constructed. We are seeking Board approval for in the amount of \$18,804 to install new Hach turbidity meters, chlorine analyzers and controllers to help the operators manage the levels. See proposal attached.
5. We are working with Lori to set up new phone lines for the auto dialers at the Tennis Village lift station, the boat launch lift station, and the Coventry Road lift station. Auto dialers are necessary as they will call out to the operators if the wastewater reaches a level that could cause an overflow or spill.
6. As communicated last month, we have reported the tree limbs that have grown around and near the power lines to PEC. It may take up to 6 weeks for a crew to respond, but since these are over the water plant, they will try to prioritize their scheduling.



Customer Service Inspections – New Homes

Customer Service Inspections were being done by the previous operations management and are no longer available. AWR recommends I/O Inspections as they are the ones who perform the CSIs for our other districts. The cost is \$86.25 per inspection. There are currently a few new homes being built now. We need to get the inspector out before they finish building as several inspections are during various phases.

Tap Fees

In reviewing the Corporation's tap fees, we believe the Board should consider raising them as the current fees are less than the cost to install the taps. The Corporation may be subsidizing the difference. We will provide examples and comparisons at the next Board meeting.

Proposal for Facilities Study

We are meeting the engineer from Gray Engineering after the 4th of July holiday so he can walk through the facilities. From that meeting, he will provide a proposal for the facility study.