

# **May 2024 Operations Report**

## **Palmer Lake Water Department**

- Installation of 6" water service main on Epworth Highway is nearing completion. Approximately 1500' of pipe has been installed to date (6/10), including 4 new fire hydrants. This line will be tied in with existing main in the intersection of Shady Lane and Brookridge this month.
- The removal and replacement of old finished water pipe from the SWTP to Glen Ave. was completed during the week of 5/20.
- Preventive maintenance and safety inspections were completed at the upper and lower reservoirs. The main outlet valve for the upper reservoir was greased and inspected. The dam was inspected and no discrepancies were noted. Debris was cleared from the spillway. Surface flow volume into the upper reservoir remains more than adequate, although that can change abruptly based upon rainfall. Measured depth of water over the spillway was 6.5" as of 5/30.
- No operational or safety discrepancies were noted at the lower reservoir and dam (other than fresh graffiti on the dam). Water volume flowing from Ice Caves remains strong. The road to the reservoirs is in good shape.
- For the month of May, 2.181 million gallons of water were treated at the ground water treatment plant (GWTP), and 2.467 million gallons of water were treated at the surface water treatment plant (SWTP), for a monthly total of 4.65 million gallons/14.26 acre feet. 8.4 acre feet of raw surface water was diverted to Palmer Lake.
- There were no main or service line leaks reported for the month of May.