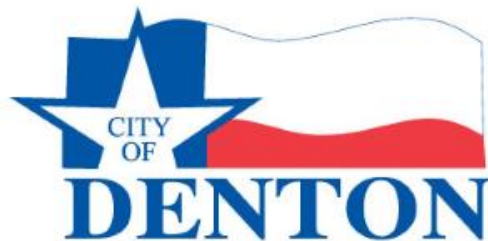


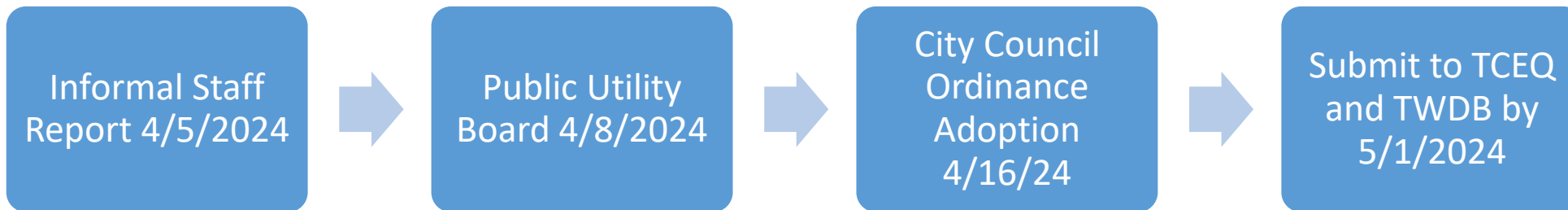
Water Conservation Plan Update

Haley Salazar
Water Resources Administrator
April 16, 2024



Summary

- Conservation Plan - Conservation Framework and Drought Management
- Texas Water Development Board (TWDB) and Texas Commission on Environmental Quality (TCEQ) requirement
- Recommended adoption of 5-year update
- Year-Round Two-day-a-week Irrigation Schedule Implementation
- Annual summer watering ordinance, which prohibits irrigation between 10a-6p from June 1 - Sept.30 remains in effect



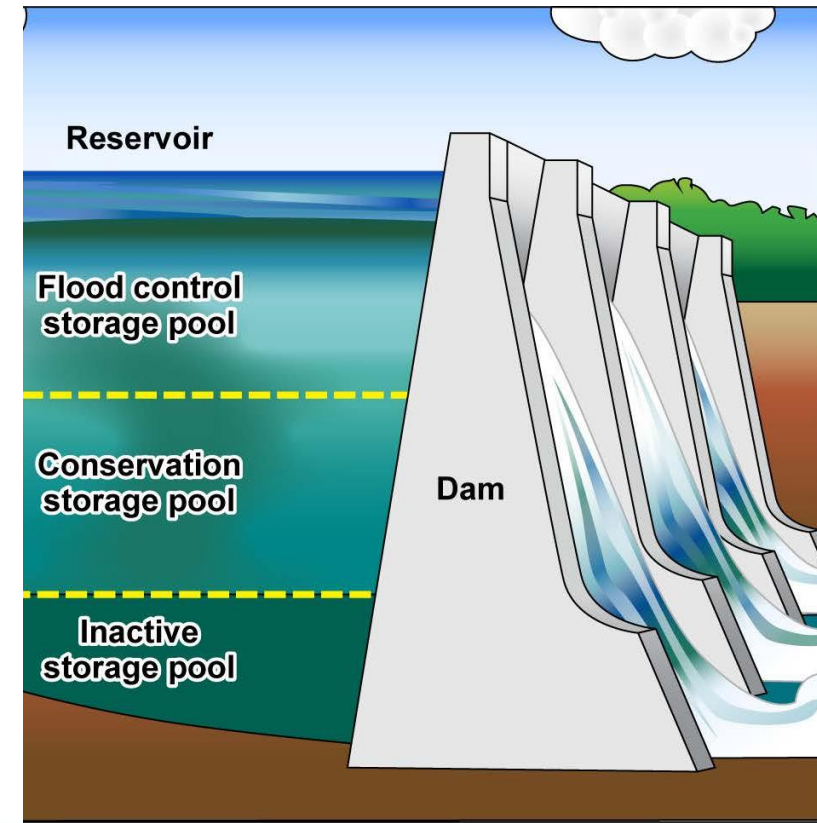
Background

- Prior plans were approved in 2005, 2009, 2014 and 2019.
- Drought plan almost enacted in 2014, 2023
- Population growth and weather variability increase likelihood of enacting
- Conservation Framework, strategies preserve resources
 - Internal operations, End uses
 - KFA: Support Safe and Healthy Communities

Drought Triggers Explained

Drought Contingency Plan

	Stage 1 Mild	Stage 2 Moderate	Stage 3 Severe
Supply	Lake Levels 65%	Lake Levels 50%	Lake Levels 35%
Demand	85% (42.5 MGD - 4 days)	90% (45 MGD - 3 days)	95% (47.5 MGD - 2 days)
Operational	Situational – Including but not limited to mechanical failure/ infrastructure Failure, contamination		



Overview

Year-Round Watering Schedule	
Address	Irrigation Day
Even Addresses (ending in 0,2,4,6,8 or no address)	Tuesday and Saturday
Odd Addresses (ending in 1,3,5,7,9)	Wednesday and Sunday
Commercial and Multi-Family	Monday and Thursday

Note: Annual summer watering ordinance, which prohibits irrigation between 10a-6p from June 1 - Sept.30 remains in effect

Implementation

Annual Schedule in effect upon approval of the ordinance

Informational Campaign Beginning May 1st

Issuance of guidelines and educational materials for violations 2024-2026

Can fine prior to 2027 if necessary

2027 will move to a 2 warnings, followed by a fine per water year



Staff Recommendation & Utility Support

Staff Recommends: Adoption of the ordinance to approve the plan as amended

To Support the Community through this change

- <https://www.discussdenton.com/water-wise-denton> for transparency
- Conservation Community Engagement FTE - Sect 26-234 / grace period
- Sustainability Partnership
- Alternative supply strategies / Reuse investment
- Rebate programs pending budget approval

QUESTIONS?

Haley Salazar

Water Resources Administrator

Water Utilities