



Onsite Water Reuse Program in Austin
Leasing Institute
November 12, 2021



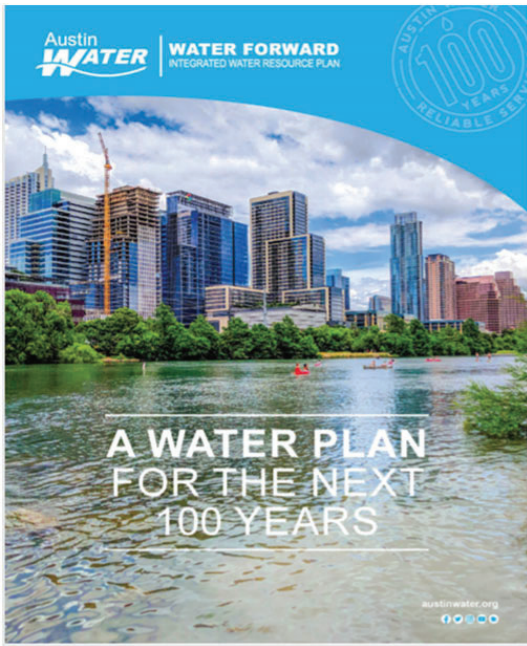
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Agenda

- ◆ Austin Water Forward Planning
- ◆ Onsite Water Reuse Program Overview
- ◆ City of Austin Pilot Project
- ◆ Potential Leasing Impacts



2



WATER FORWARD: AUSTIN'S INTEGRATED WATER RESOURCE PLAN

- ◆ Developed over three years with input from the community and a Citizen Task Force
- ◆ Approved by Council in 2018
- ◆ Water supply and demand management strategies were evaluated under future climate scenarios and growth projections
- ◆ Conservation and reuse ordinances and incentives are some of the first strategies to be implemented from the plan



WATER FORWARD STRATEGIES

Demand Management

- Implement Advanced Metering Infrastructure (AMI)
- Enhance distribution system water loss control
- Provide customer water use benchmarking information and implement water budgets
- Transform to regionally appropriate landscapes
- Expand irrigation efficiency incentives

Supply

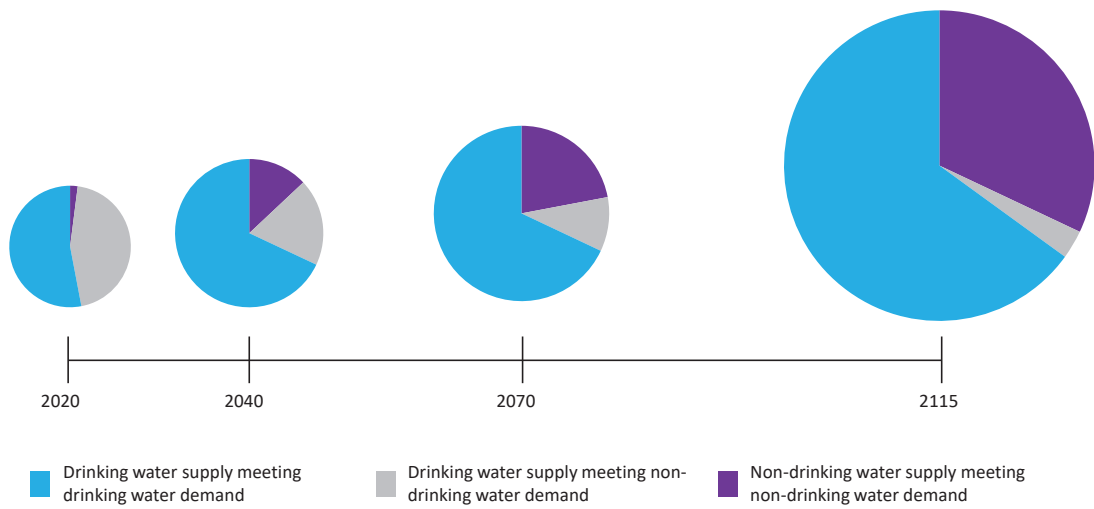
- Store water for drought via Aquifer Storage and Recovery and a new Off Channel Reservoir
- Bring on additional supplies via Brackish Groundwater Desalination
- Expand the Centralized Reclaimed Water System
- Use Indirect Potable Reuse as a deep drought strategy
- Capture local inflows to Lady Bird Lake

Use on-site and neighborhood scale alternative water sources for non-potable end uses
 Rainwater, Stormwater, Wastewater, Graywater, and AC Condensate

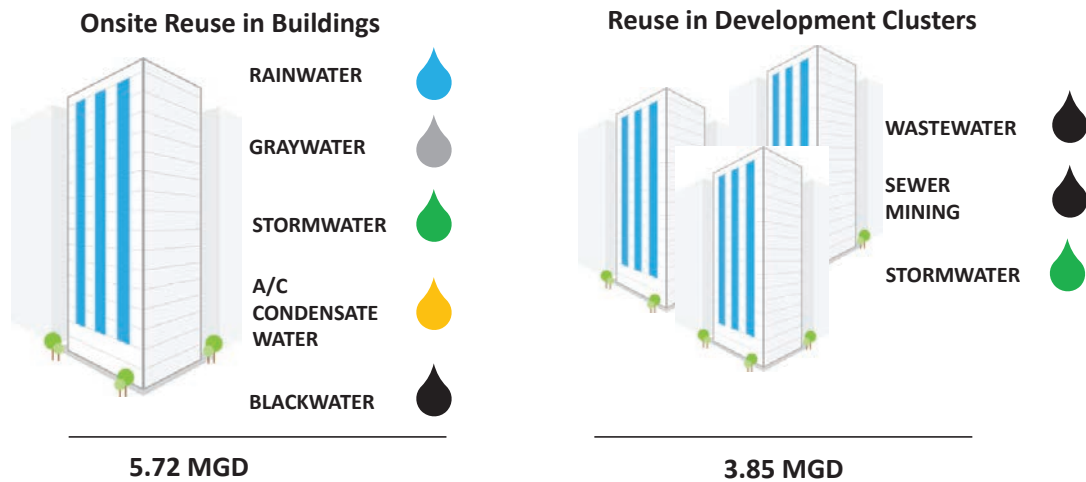
Decentralized



FIT FOR PURPOSE WATER



DECENTRALIZED REUSE GOALS FOR 2040



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First appeared as part of the conference materials for the
2021 Bernard O. Dow Leasing Institute session

"Sustainable Water Management in Austin - Onsite Water Reuse in Commercial
Development"