Onsite Water Reuse Program in Austin
Leasing Institute

November 12, 2021

Agenda

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

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

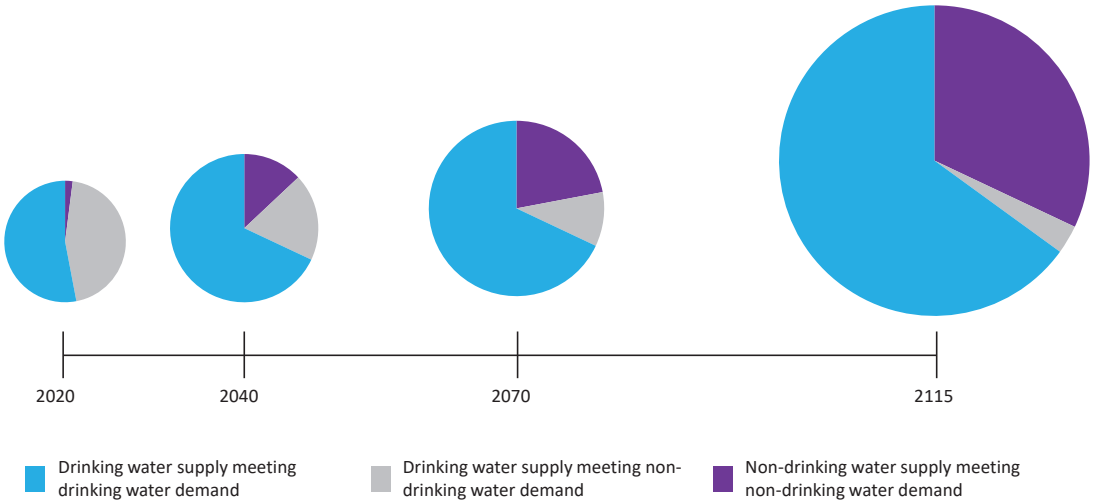
WATER FORWARD STRATEGIES

Demand Management	Supply
Implement Advanced Metering Infrastructure (AMI)	Store water for drought via Aquifer Storage and Recovery and a new Off Channel Reservoir
Enhance distribution system water loss control	Bring on additional supplies via Brackish Groundwater Desalination
Provide customer water use benchmarking information and implement water budgets	Expand the Centralized Reclaimed Water System
Transform to regionally appropriate landscapes	Use Indirect Potable Reuse as a deep drought strategy
Expand irrigation efficiency incentives	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



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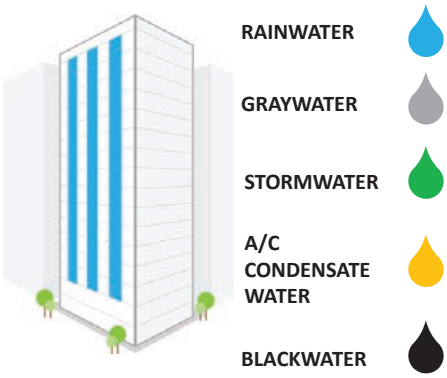
DECENTRALIZED REUSE GOALS FOR 2040

Onsite Reuse in Buildings



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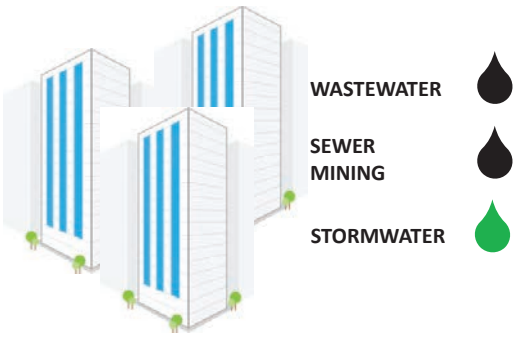
Reuse in Development Clusters



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