



Reclaimed Water in Residential Buildings

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Agenda

- Background
- Statistics
- Reclaimed Water in Residential Use

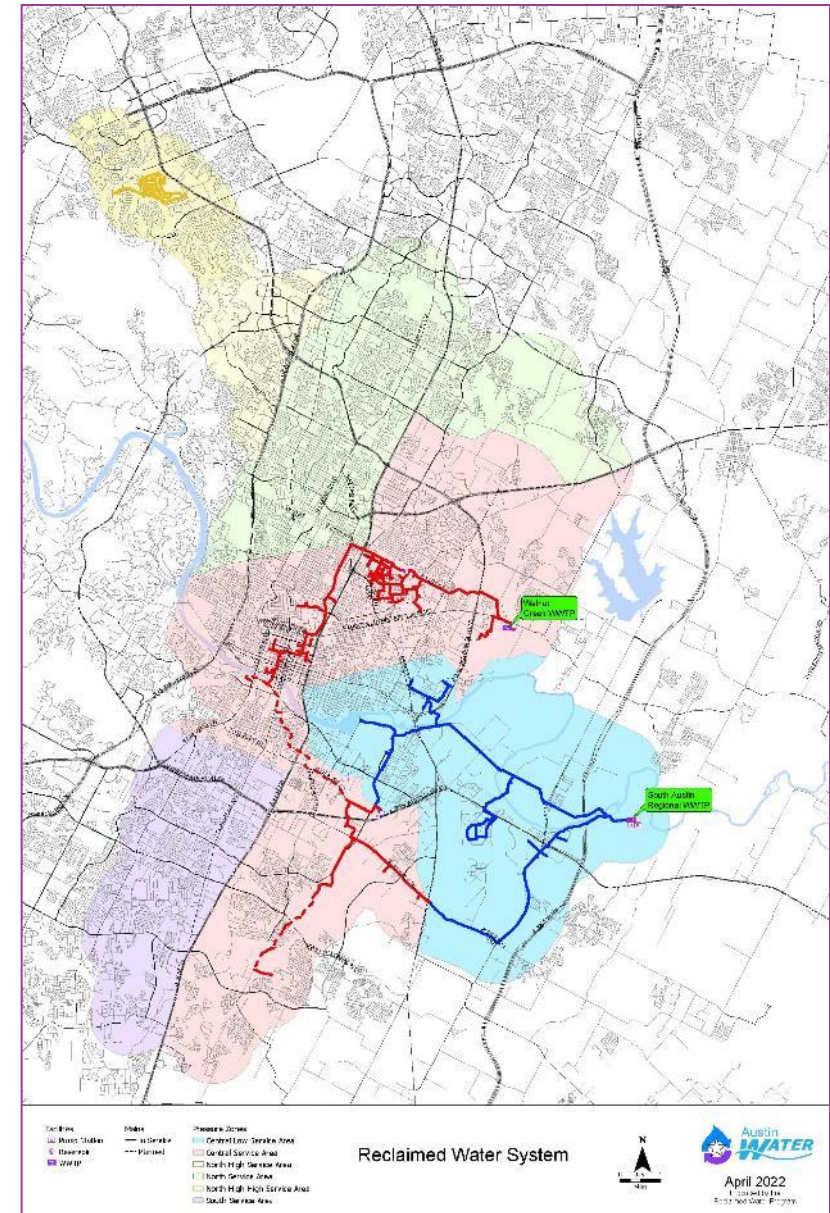


Current Reclaimed System

- Miles of trans. main – 73
- Customers – 182
- Annual use – 1.35 billion gallons (FY20)

How much water is that?

- 2,045 olympic-sized swimming pools
- 18.6 million car washes
- 848 million toilet flushes



Reclaimed Water Customers

Existing (182)

- Sand Hill Energy Center
- Clay/Kizer Golf Course
- Tesla
- Hornsby Bend
- Krieg Fields
- BAE Systems
- University of Texas
- HEB Mueller
- Frost Bank
- ABIA
- Thinkery

Planned (320+)

- Medical District
- State Capitol
- Governor's Mansion
- Republic Park
- State Cemetery
- Travis County Complex
- Capital Complex
- Downtown
- Guerrero Park
- ACC Riverside
- ACC Rio Grande



Toilet Flushing

Current customers

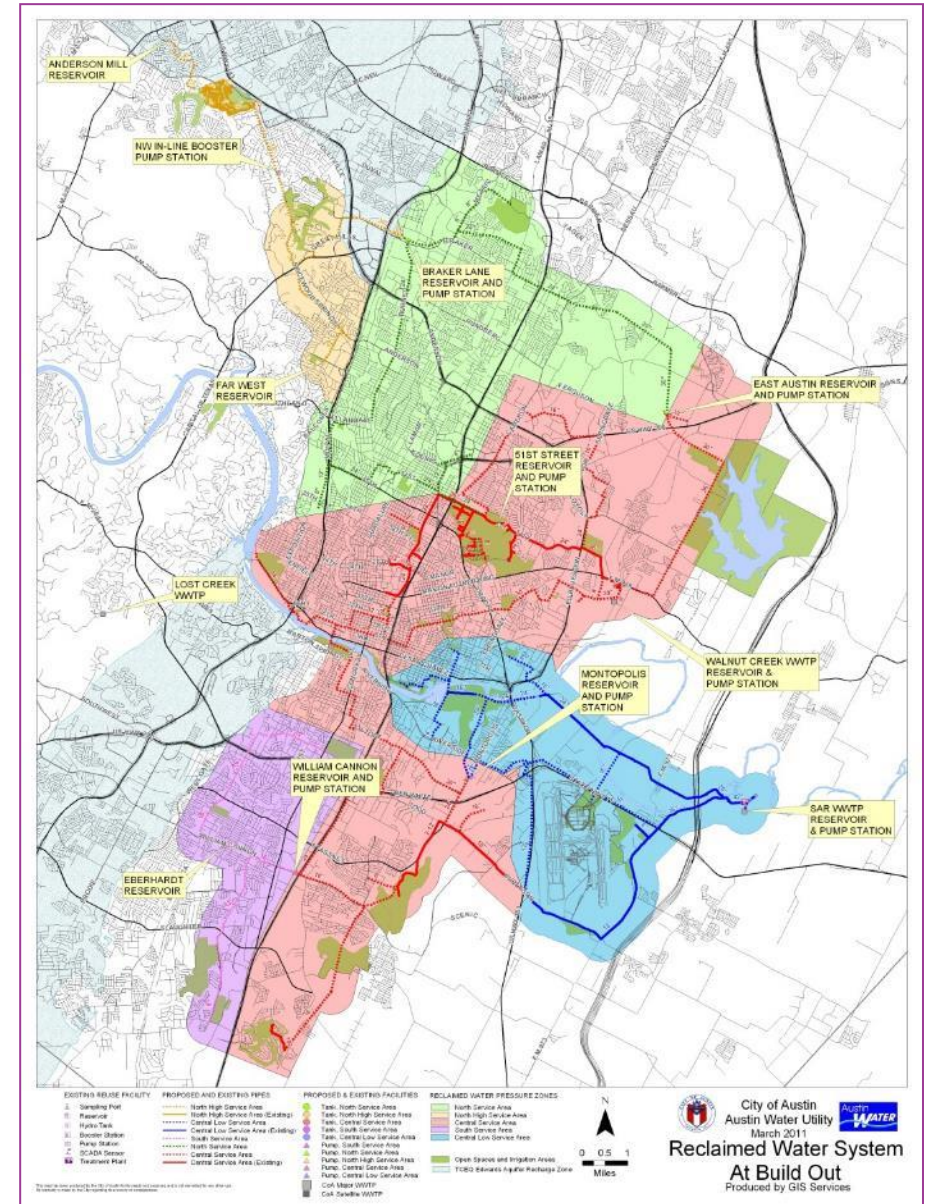


Plans and Opportunities - 2040

- ♦ Miles of trans. main – 95.7
- ♦ Annual use – 5.81 billion gallons

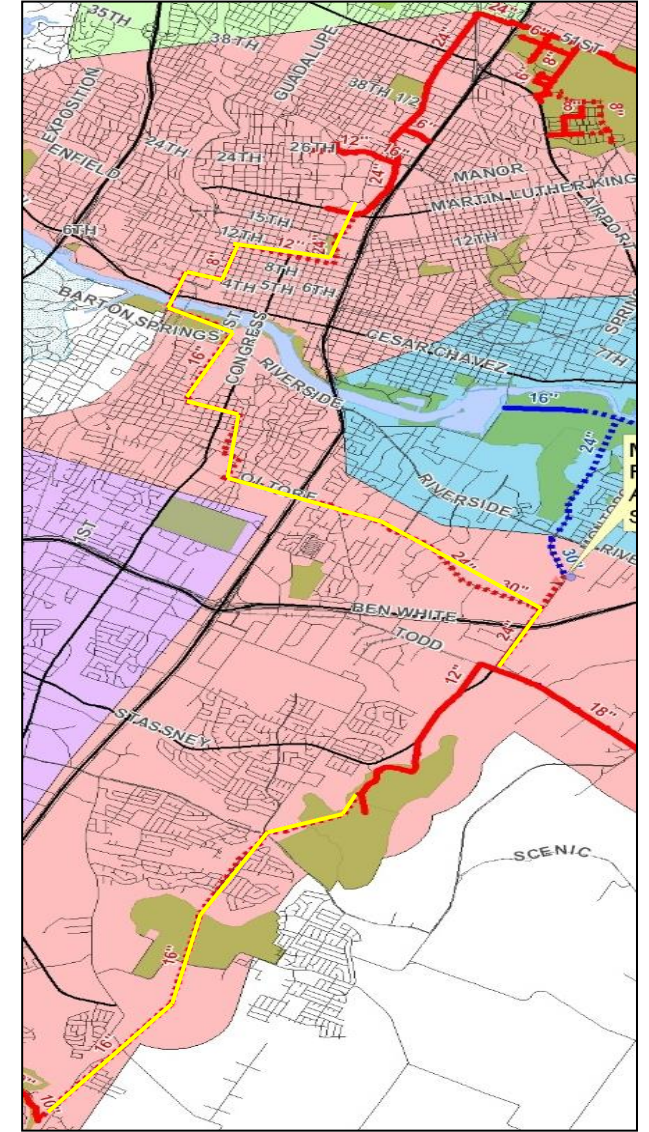
How much water is that?

- ♦ 8,803 olympic-sized swimming pools
- ♦ 80.7 million car washes
- ♦ 3.6 billion toilet flushes



Completing the Core

- Near-term construction program
- 19 miles of main, one tank and pump station
- Improve customer service with redundancy
- Increase customer base
- Increase volume to 2.2 BG/yr



Mandatory Connections

- Implemented on May 1, 2015. Revised December 1, 2021.
- For new commercial and multifamily developments or redevelopments within 500 feet of existing reclaimed main.
- For irrigation, cooling, toilet flushing and other significant uses.
- First mandatory connection was December 2016.



Single Family Residential Lots

- No prohibition on using reclaimed water for irrigation.
- Currently developing a policy, guidance and implementation steps for indoor uses within single family residences.
- Requires coordination with the Development Services Dept.
- Will need ongoing education and outreach with the site development and plumbing design and installation community.





Questions?

