

City of Austin
Water Reclamation
Program

City of Austin Water Reclamation Initiative

Water Reclamation in Austin ***Urban Forestry Board***

May 15, 2013

What is Reclaimed Water ?

- Highly treated wastewater effluent
- Quality – akin to river water
- Demand management tool
- Major uses
 - Irrigation
 - Cooling
 - Manufacturing
 - Toilet flushing



How it Works



Why Reclaimed Water ?



Rate Comparison

Rate Class	Off-Peak Rate (per kgal)	Summer Rate (per kgal)
Single Family	\$1.25 to \$12.25	
Multifamily	\$3.99	\$4.40
Commercial	\$4.73	\$5.22
Large Volume	\$3.83	\$5.22
Reclaimed	\$1.50	\$1.50

According to an American Water Works Association study, only 25% of reclaimed water systems cover their operating costs.



The Current System

Miles of trans. main – 47.2

Customers – 49

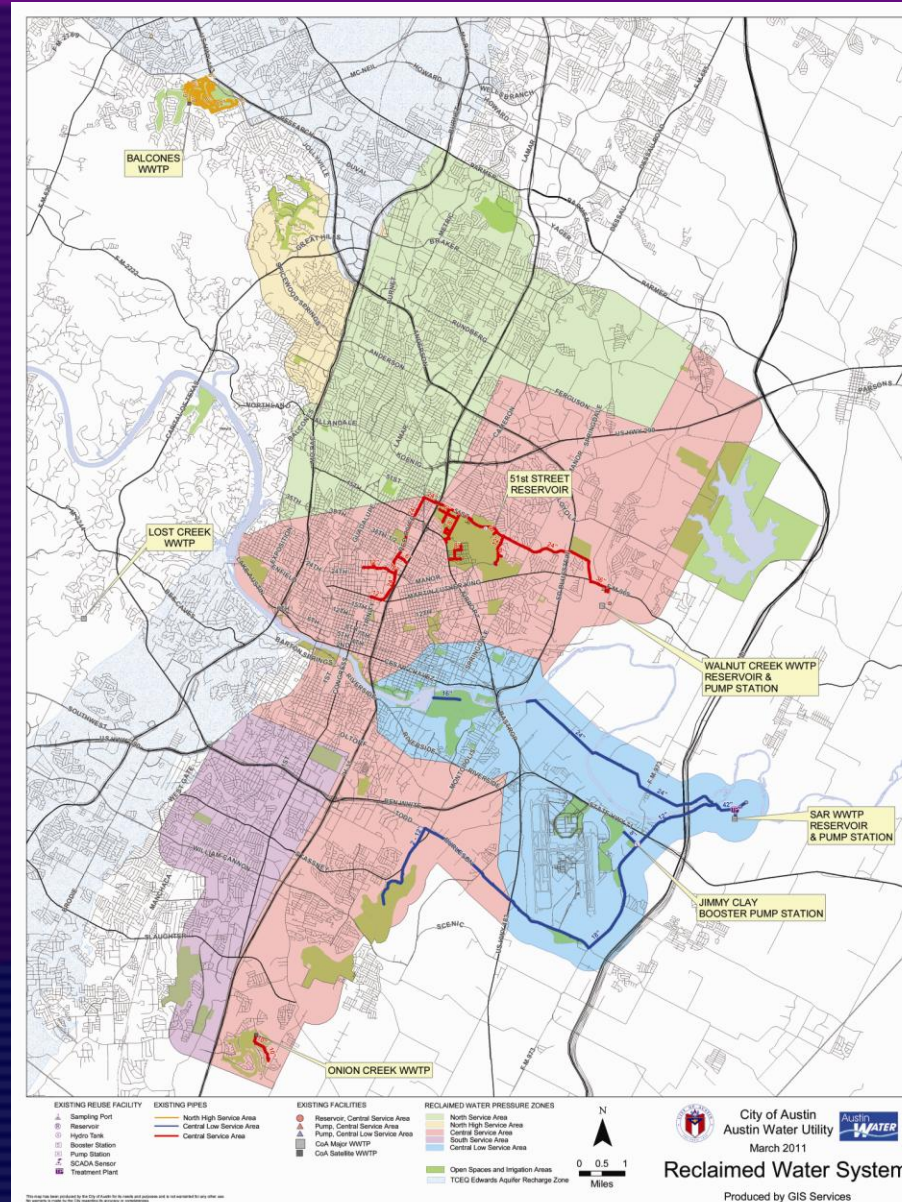
Annual use – 1.5 billion
gallons

How much water is that?

2,230 olympic-sized
swimming pools

30 million car washes

2.8 billion water bottles



Current Construction

- Walnut Creek Tank/Pump Station
- Montopolis Tank and Pump Station
- Smith Road Extension
- BAE Systems Main
- Capitol Complex**
- Seaholm Main**
- Junction 420**



Auxiliary Water Codes Project

- Austin has stringent cross-connection prevention requirements
- Have a consultant looking at code changes
- Schedule – Boards and Commissions in the summer of 2013
- Ordinance changes 2014



THANK YOU

Q&A

