

# Three Valleys Municipal Water District

Southern California Water Workshop  
Protecting Our Future  
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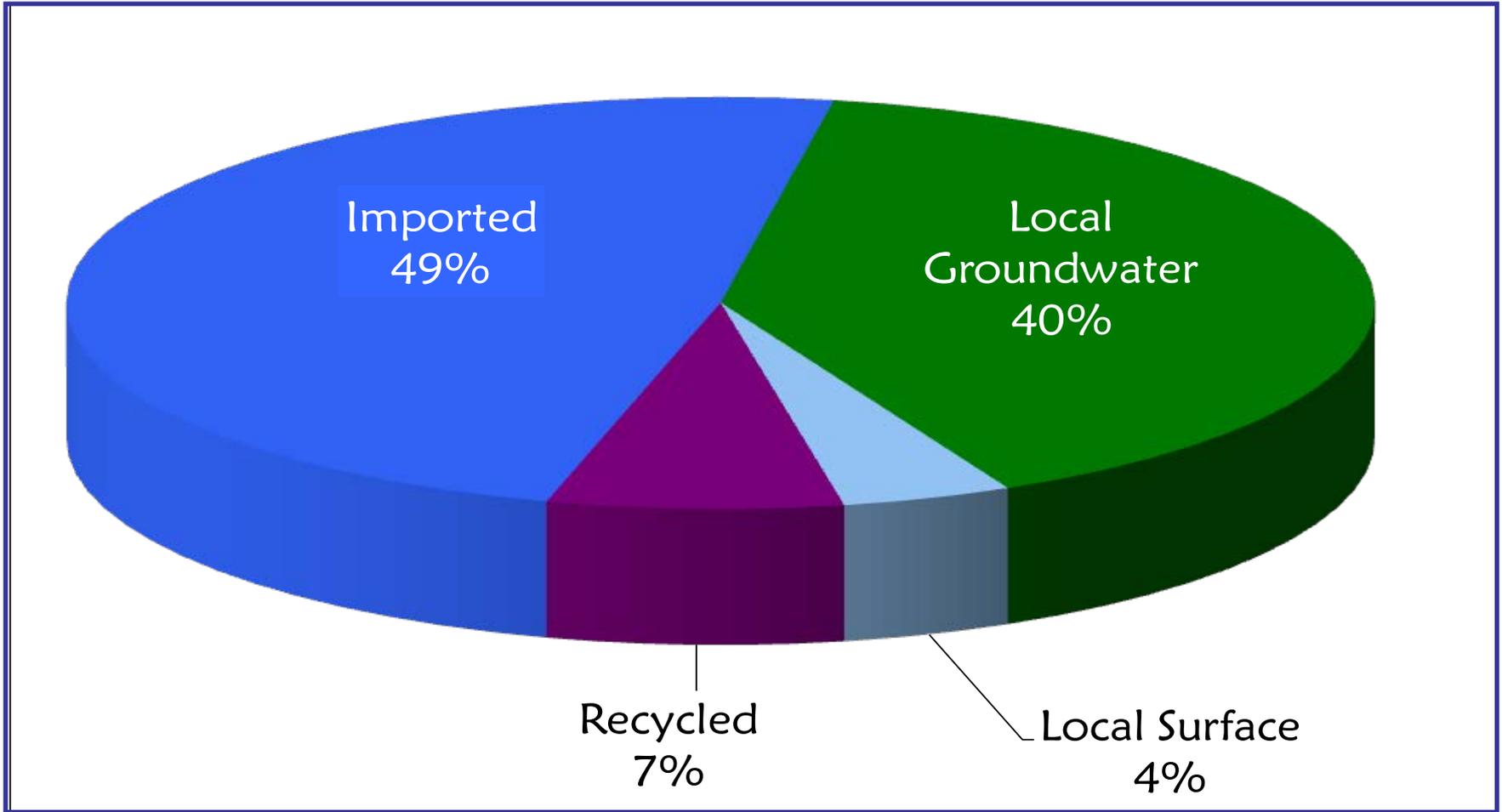
Our hopes...

*Lake Oroville - July 20, 2011*

Our reality!

*Lake Oroville - January 16, 2014*

# Water use in our area





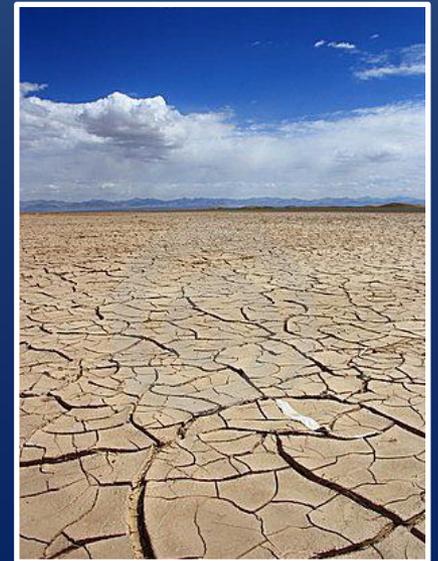
70% of the state's water supply is in the north, while 80% of the demand is in the middle and south of the state.

About half of the water to this area is IMPORTED.



Legislation SBX7-7 will require a 20% per capita reduction in water use by 2020 (“20 x 2020”)

On top of all that, we're in a DROUGHT!



# How can California survive?

- Groundwater Recovery
- Stormwater Capture
- Desalination
- Recycled Water (DPR?)
- Water Use Efficiency Mindset

# Groundwater Cleanup & Recovery



# Groundwater Cleanup & Recovery

- Wellhead treatment to clean up existing contaminants enhances use of local supplies
- Extensive legislation passed (2000-2003) to help improve groundwater management
  - *2000 AB 303 grants for groundwater management strategies*
  - *2001 AB 599 comprehensive monitoring*
  - *2001 SB 610 / SB 901 determine adequacy of supply*
  - *2001 SB 221 prohibits approval of developments w/o verification of supply*
  - *2002 SB 1938 improved groundwater management reporting*
- Investments in better treatment systems, new facilities
- Expands integrated regional water management

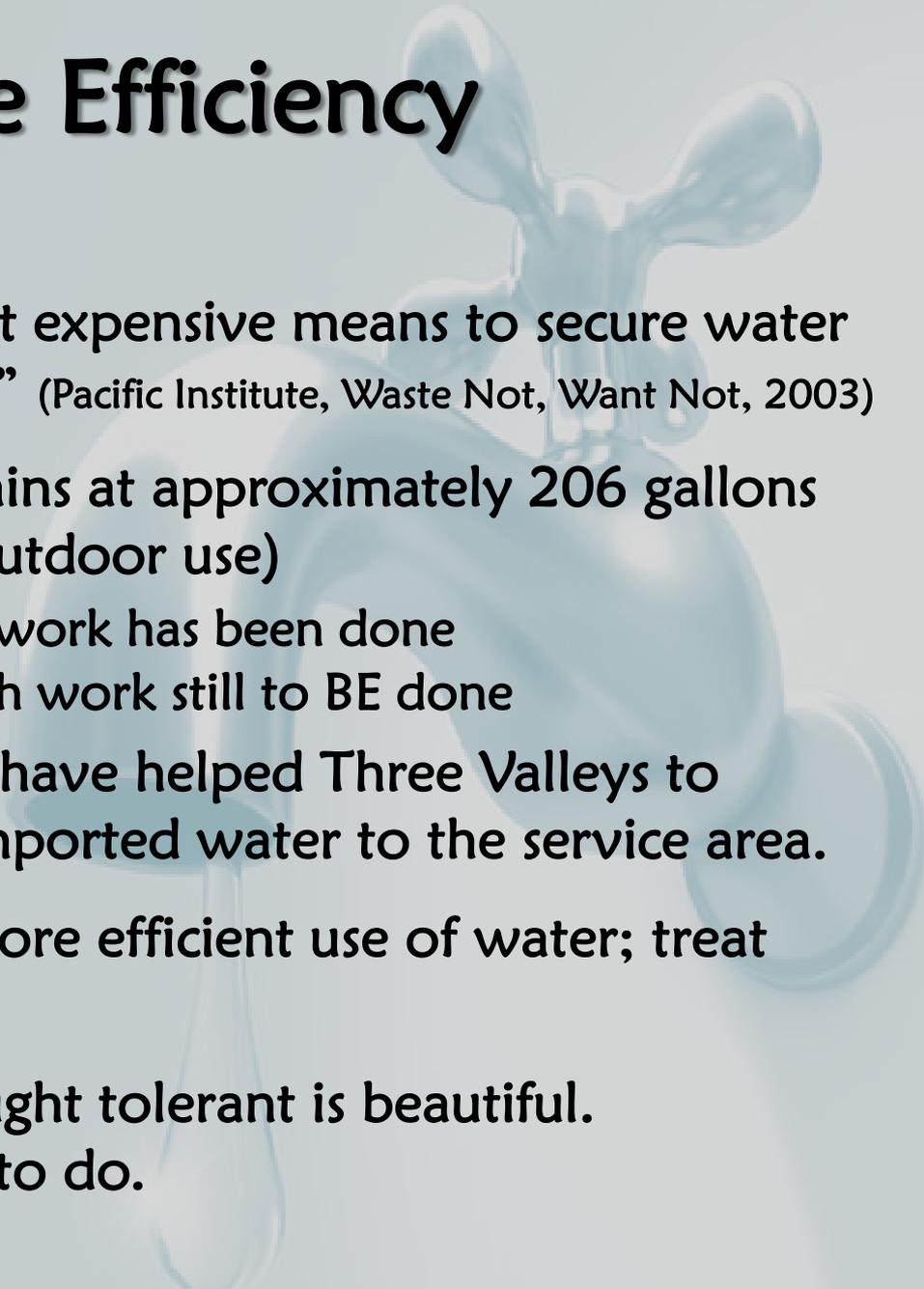
# Stormwater Capture



# Water Use Efficiency



# Water Use Efficiency



- “Conservation remains the least expensive means to secure water supplies for future generations.” (Pacific Institute, Waste Not, Want Not, 2003)
- **AVERAGE** local water use remains at approximately 206 gallons per capita per day (indoor & outdoor use)
  - Indoor conservation – much work has been done
  - Outdoor conservation – much work still to BE done
- Water Use Efficiency programs have helped Three Valleys to conserve approx 31% of the imported water to the service area.
- Technology – Better devices; more efficient use of water; treat water like a valuable resource.
- Attitude changes – Native/drought tolerant is beautiful. Conservation is the right thing to do.

# Water Reliability Comes at a Cost

- Partnerships (cooperation, money)
- Infrastructure (projects, money)
- Mindset (outreach, money)



What we hope  
for...



What we plan for

SERIOUS DROUGHT  
HELP SAVE WATER





*Bringing high-quality drinking water to the  
Pomona Valley, Walnut Valley, and Eastern  
San Gabriel Valley of Southern California*



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