



Testimony on Water Research Subcommittee on Energy and Environment

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*water*CAMPUS

Lakes, Rivers, Aquifers (Standard and Glacial) → Watersheds

water supplies are interconnected

- Light blue: Standard aquifers
- Dark blue: Rivers and lakes
- Green: Aluvial and glacial aquifers
- Red: Stressed aquifers
- Yellow: Impacted aquifers

U.S. Department of the Interior
<http://www.nationalatlas.gov>
WaterCAMPWS
<http://www.watercampws.org>

2030 Projected % Increase (since 2000)

Averages don't tell the real story:
Growth problems will be local.



Population data and projections from U.S. Census Bureau

<http://www.census.gov/population/www/projections/stproj.html>

<http://www.census.gov/popest/datasets.html>

Water Use Data from USGS (<http://web1.er.usgs.gov/NAWQAMapTheme/index.jsp>)

Projections for water use based on Texas Water Use 60 yr projections

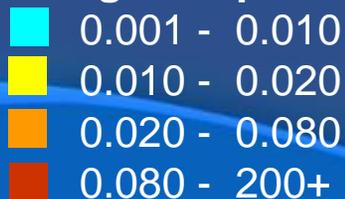
(http://www.twdb.state.tx.us/publications/reports/State_Water_Plan/2007/2007StateWaterPlan/2007StateWaterPlan.htm)

EPA Critical Drinking Water Contaminants and Salts in Surface and Groundwaters

Water Treatment:
Repeated treatments
increases salting and
purification costs

**salting from
pumping and surface
runoff**

Micrograms per Liter

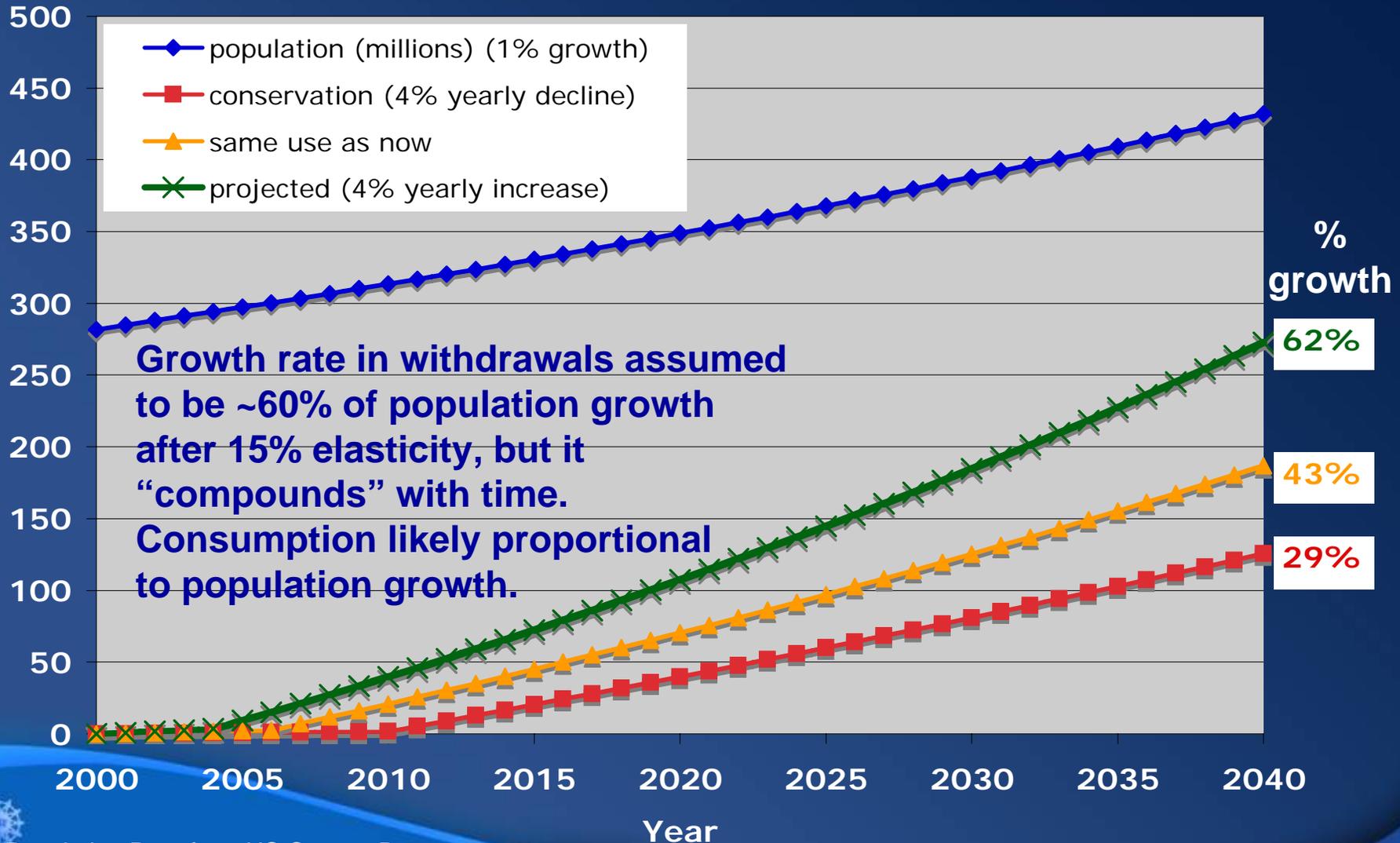


Brown: Excess salting

**Contaminants
impacting water
supplies**

Water Use Growth With Population

Increase in Million Acre Feet (325,500 gal) of Water Withdrawn



Population Data form US Census Bureau

The Blueprint 2030 forecast share of the revised United States population growth forecast from 2000 to 2030 was 1.14%

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