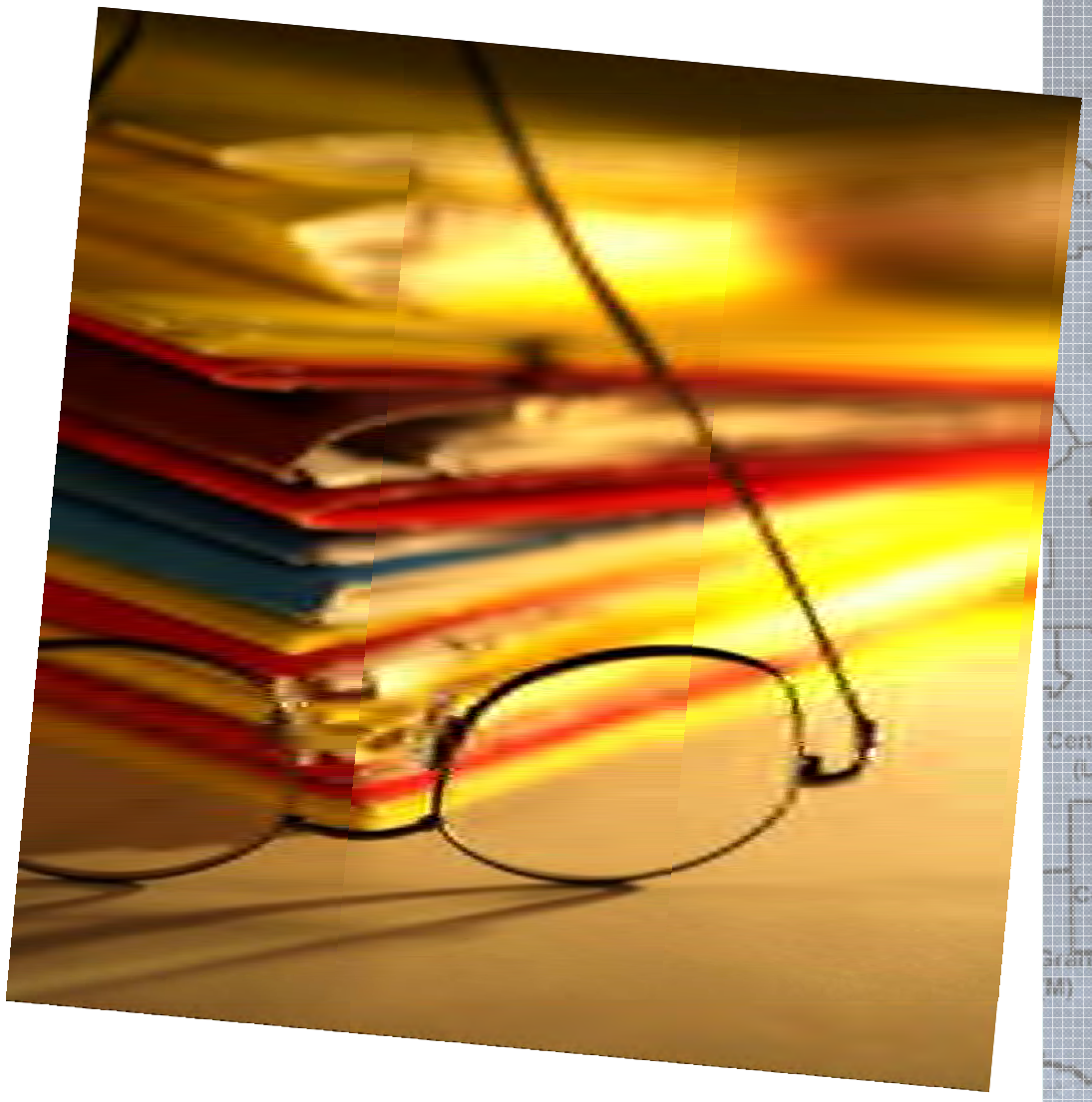
FREESE AND NICHOLS

Why We Need Water Conservation in the Gulf Coast Region

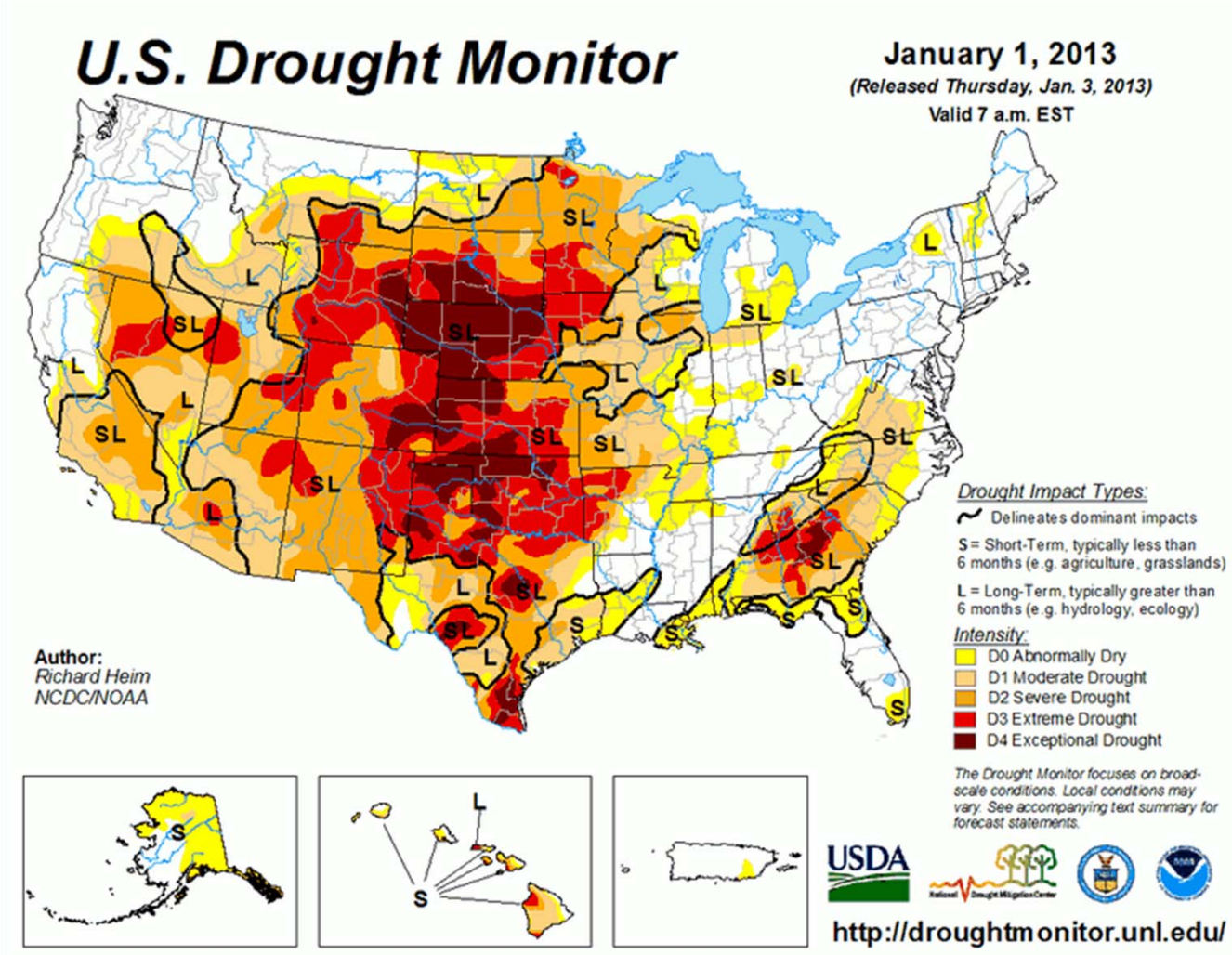
Gulf Coast Water Conservation Symposium

January 23, 2014

Building a case for conservation

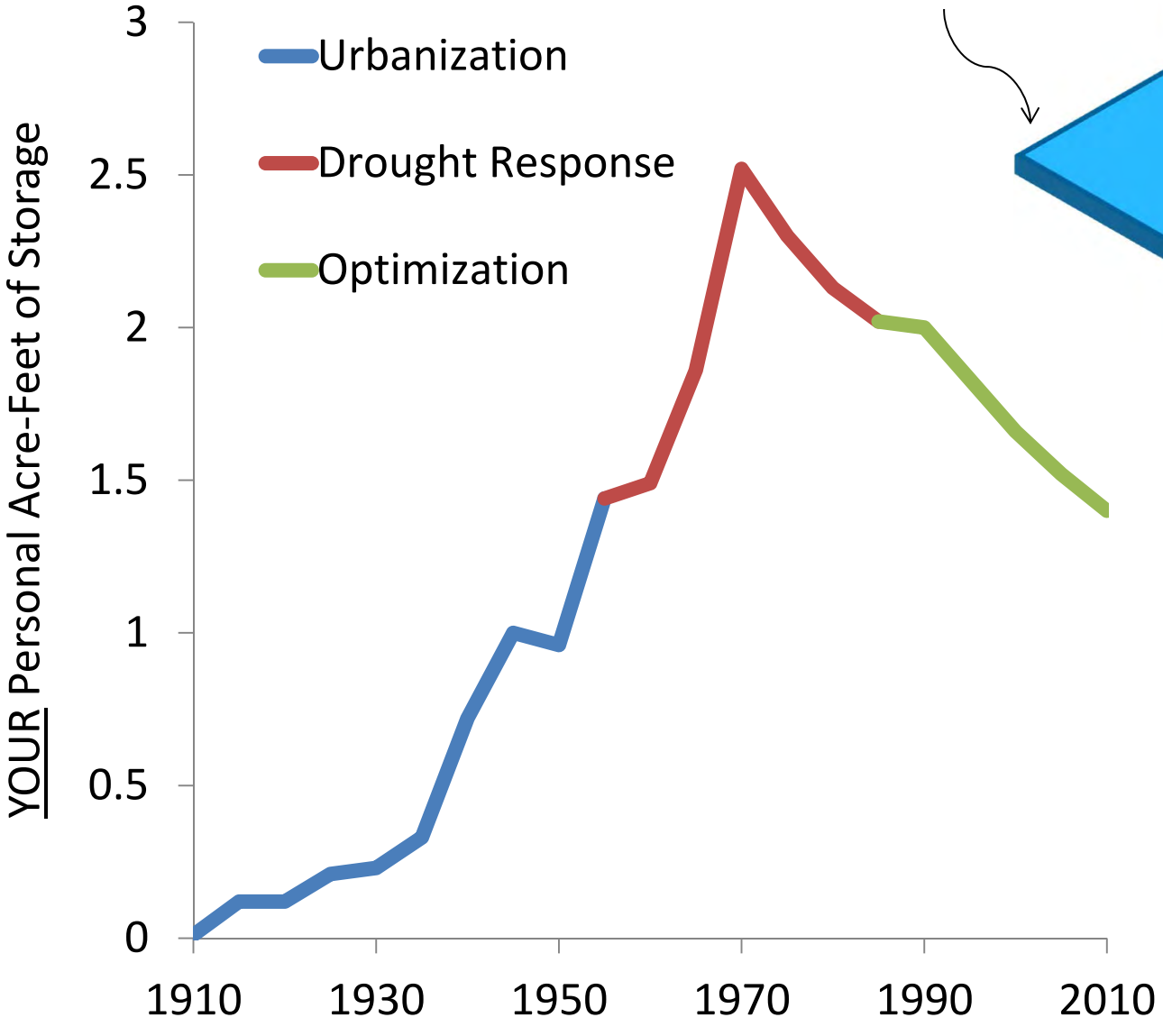


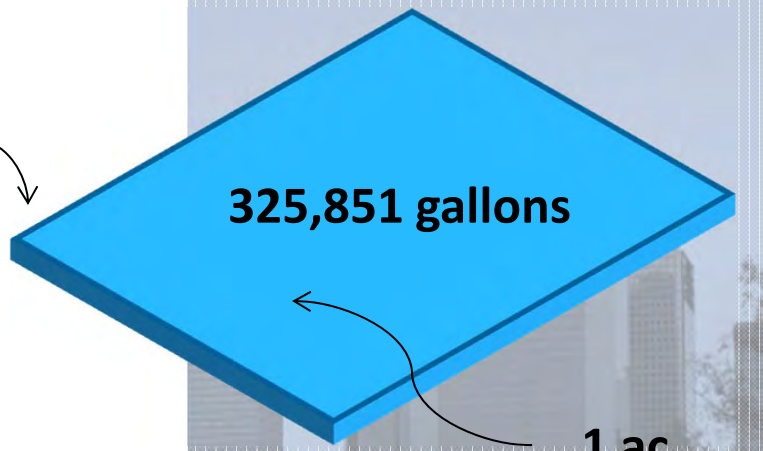
Drought in Texas



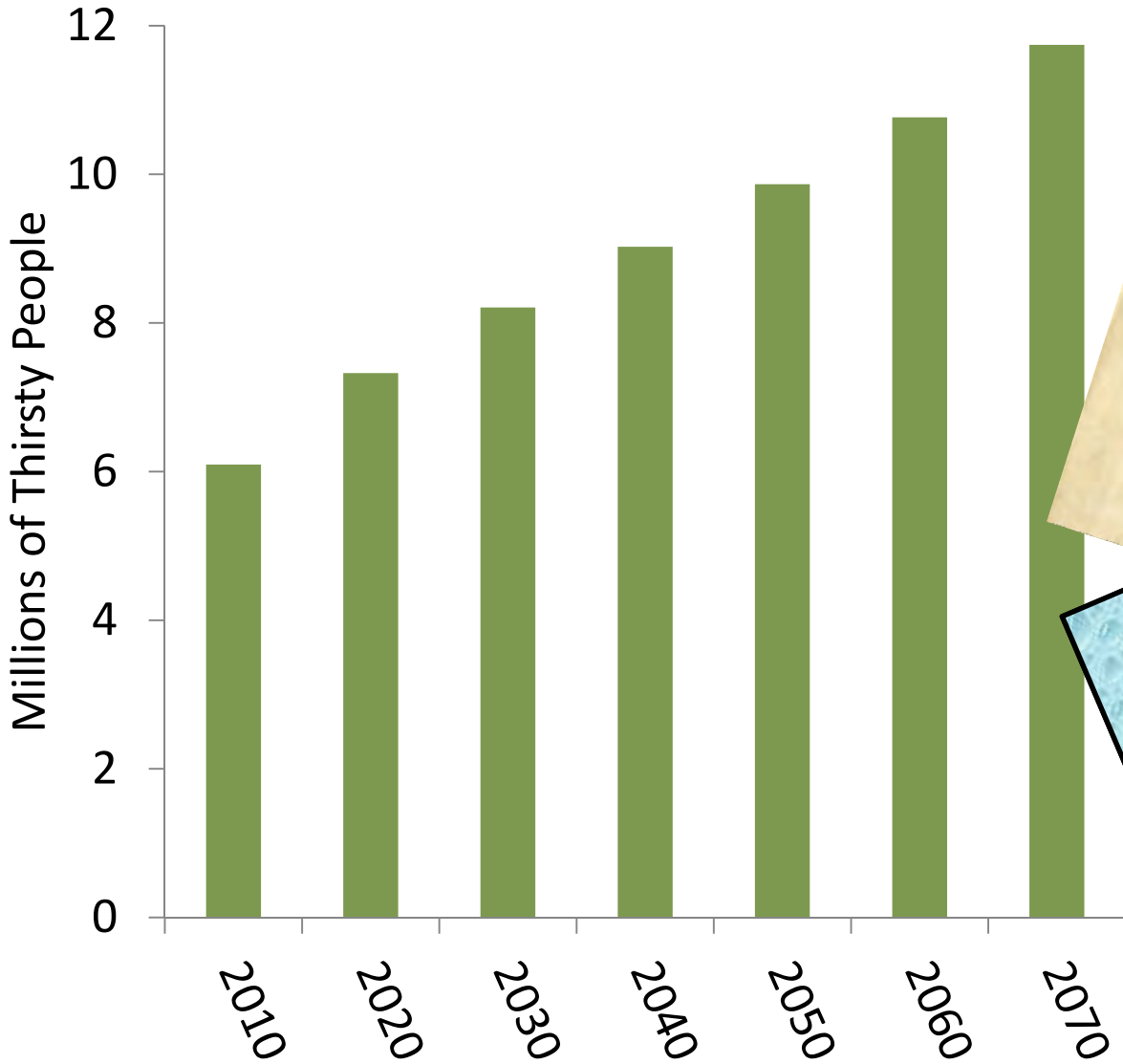
Courtesy: TerraMetrics

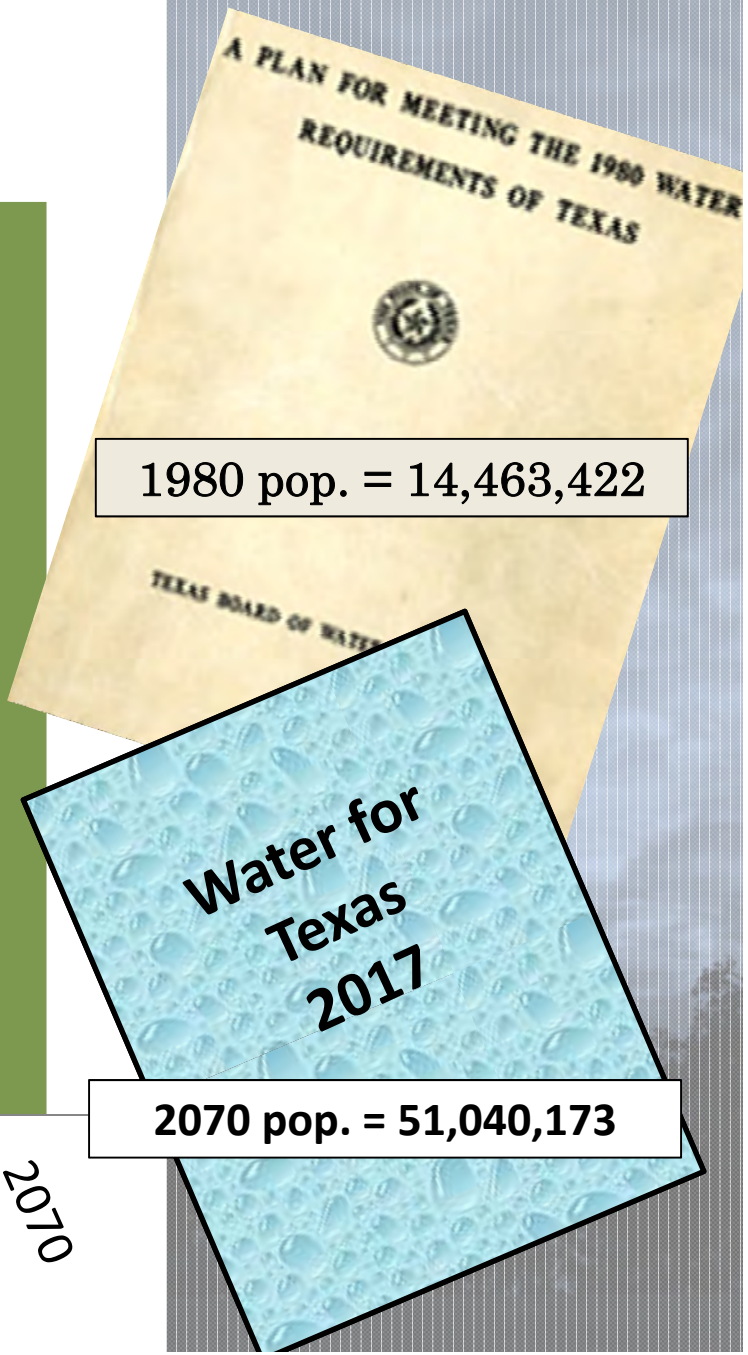
Our safety net



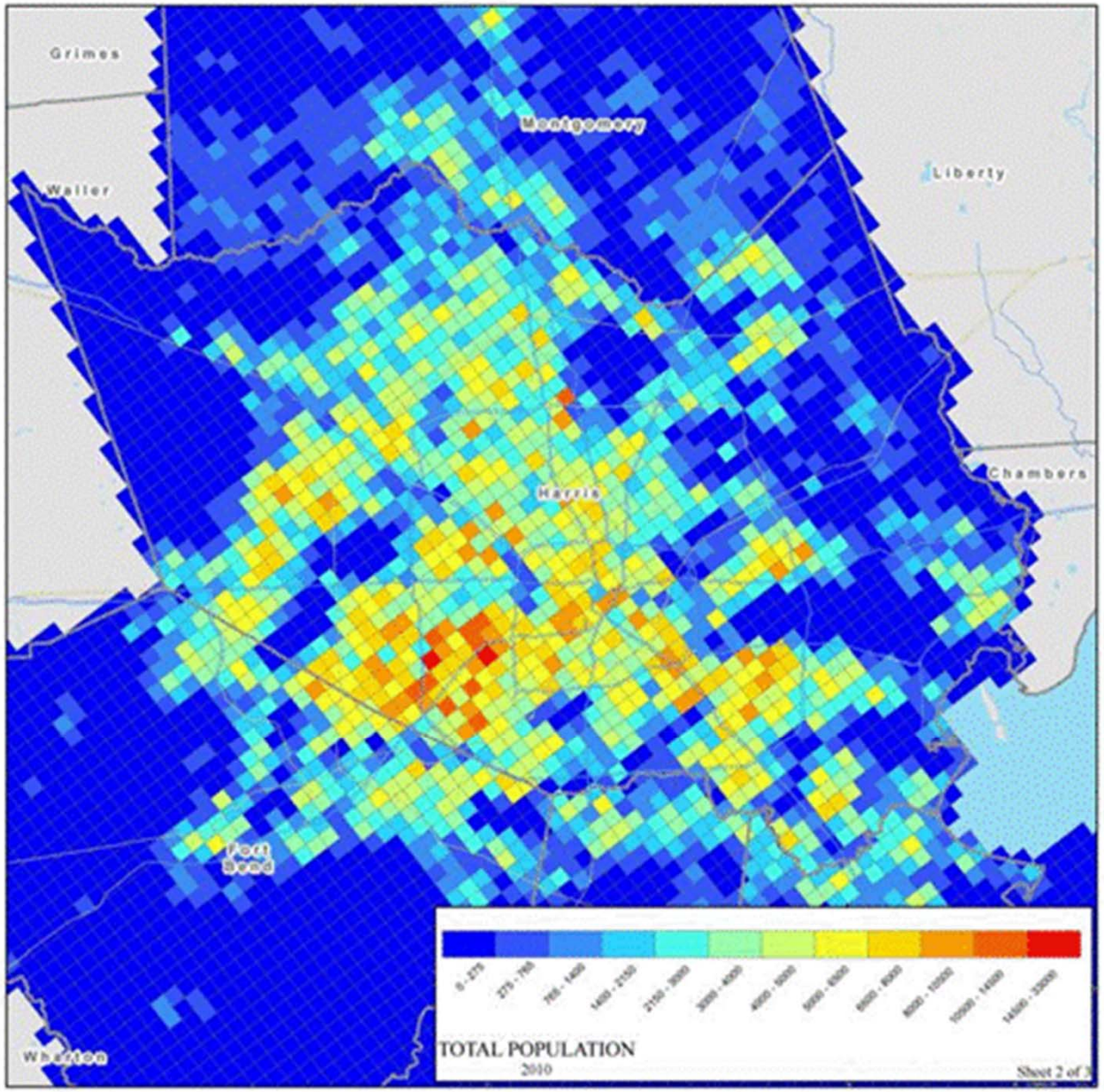


So many people



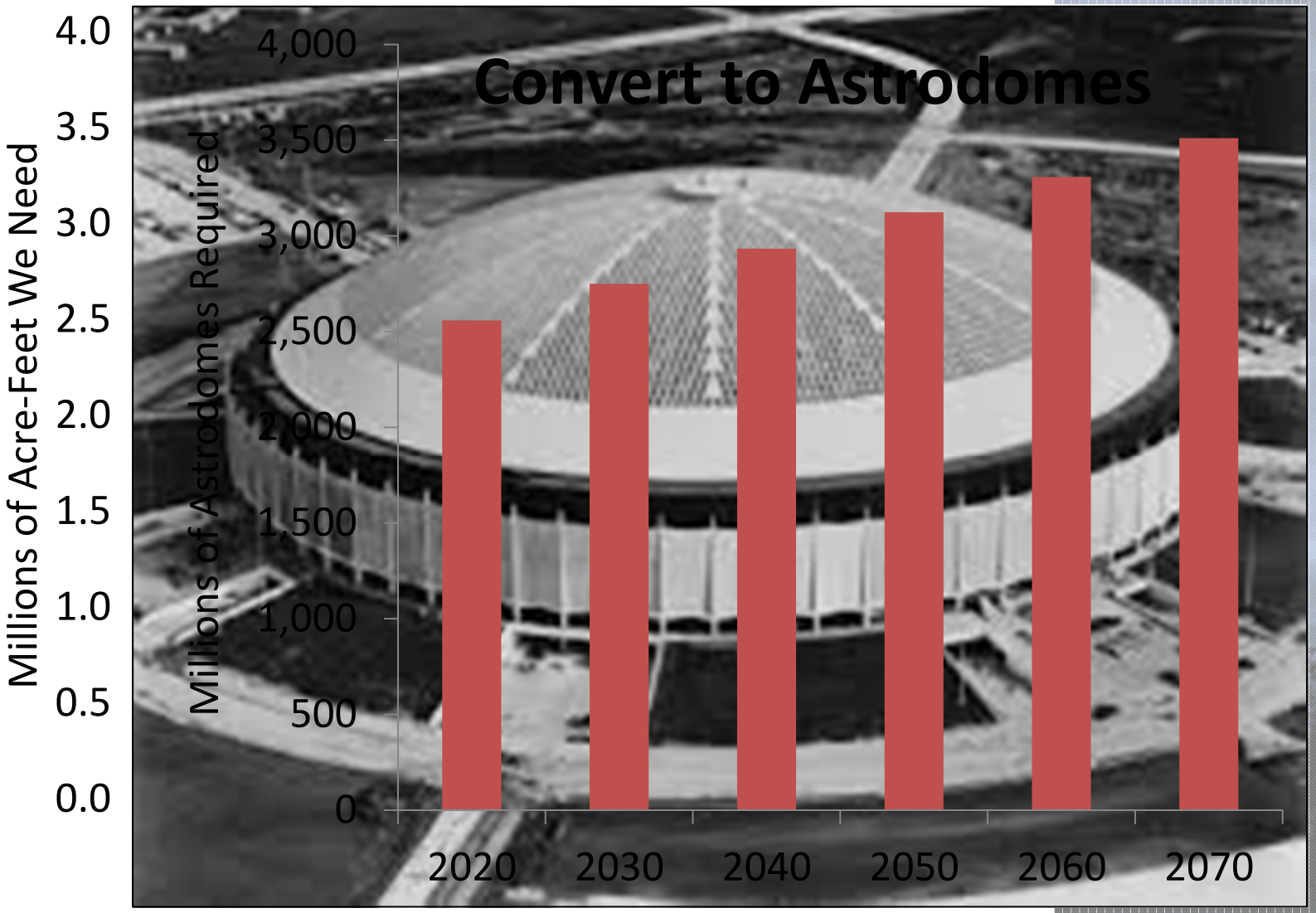


Where they're going

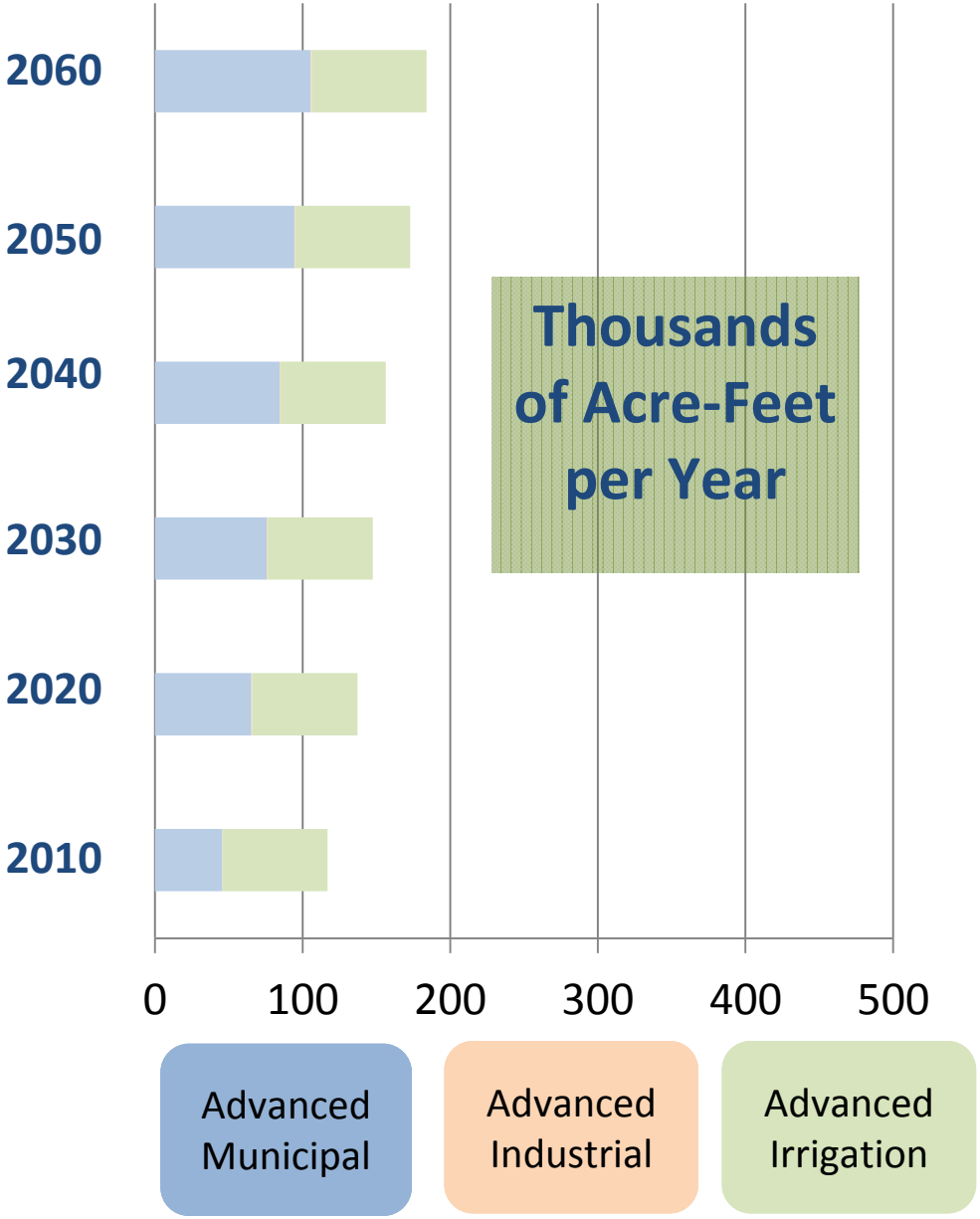


What they need to…

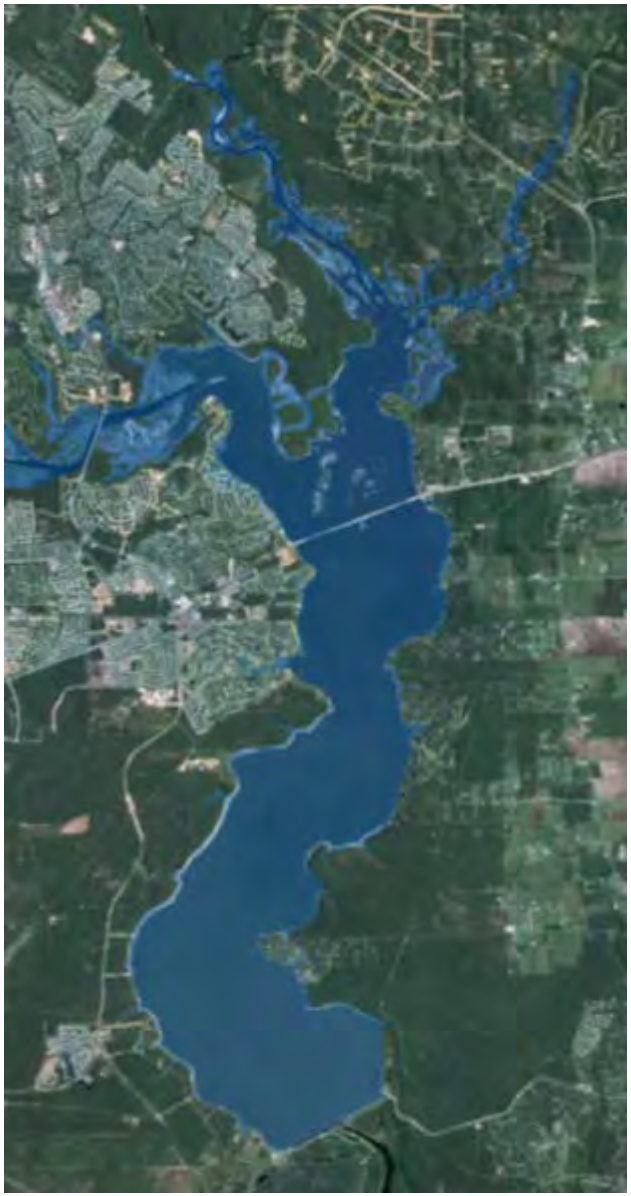
drink, eat, live, wash, work, play, produce, travel, etc.



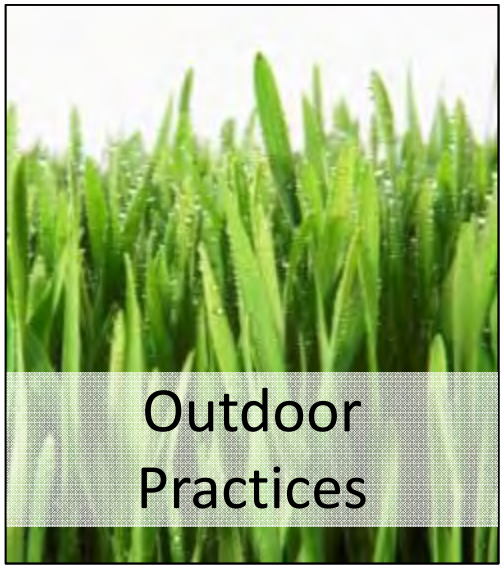
The role of conservation



Just how much conservation?



Case study: Dallas



Case study: Dallas

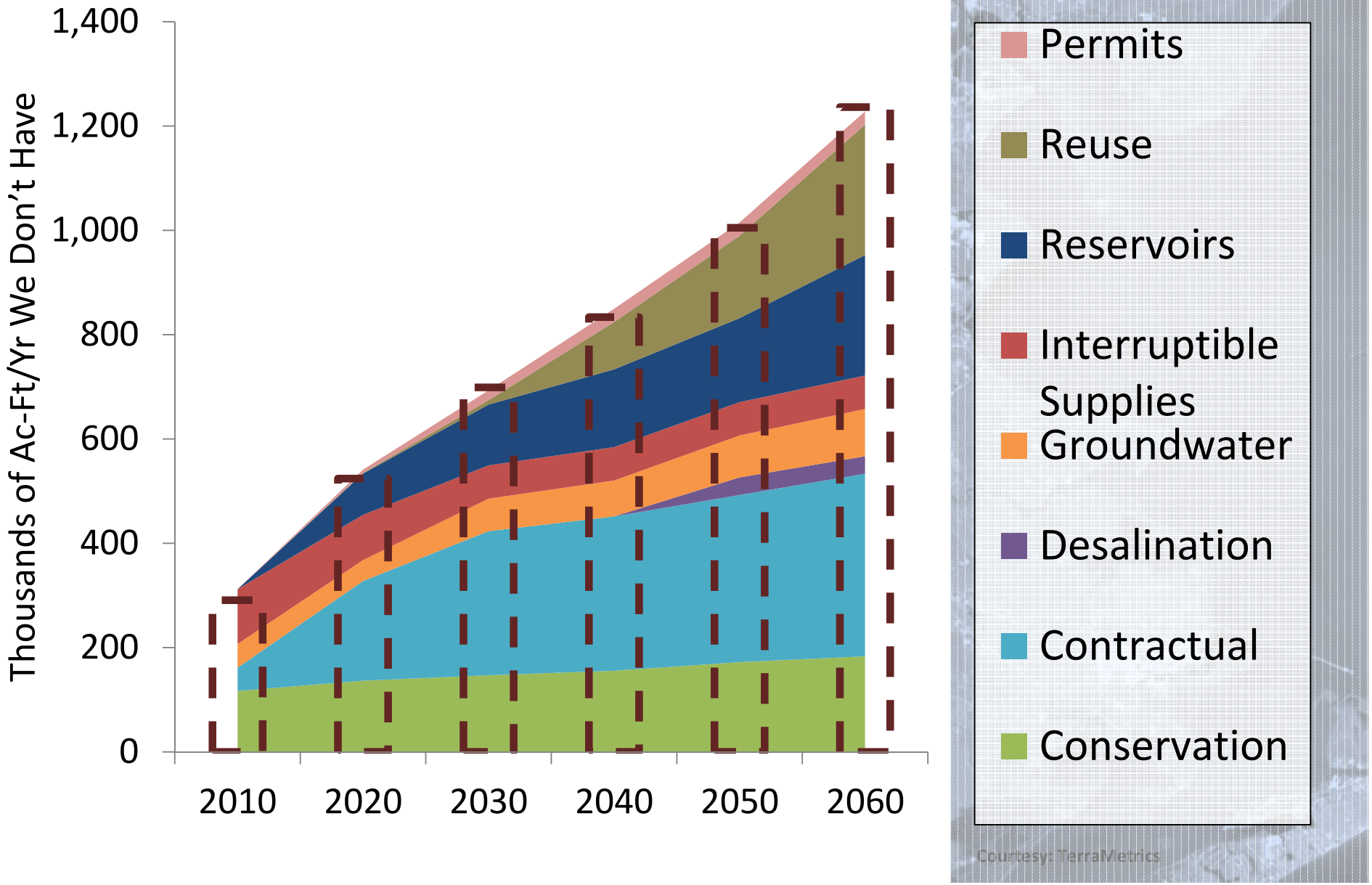
Over 10 years…

146 Billion Gallons

388.9 million kWh

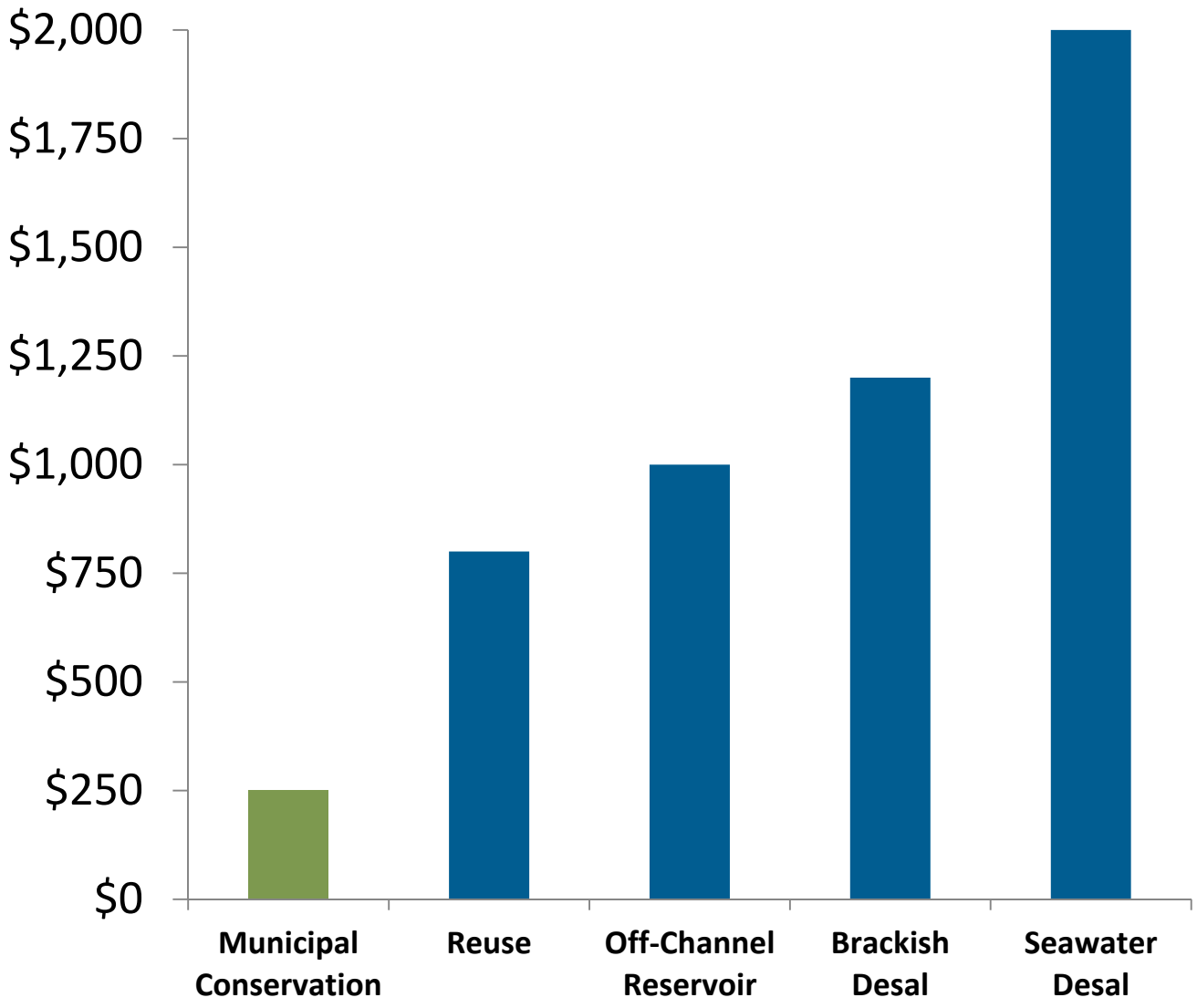
269,716 tons of greenhouse gas emissions

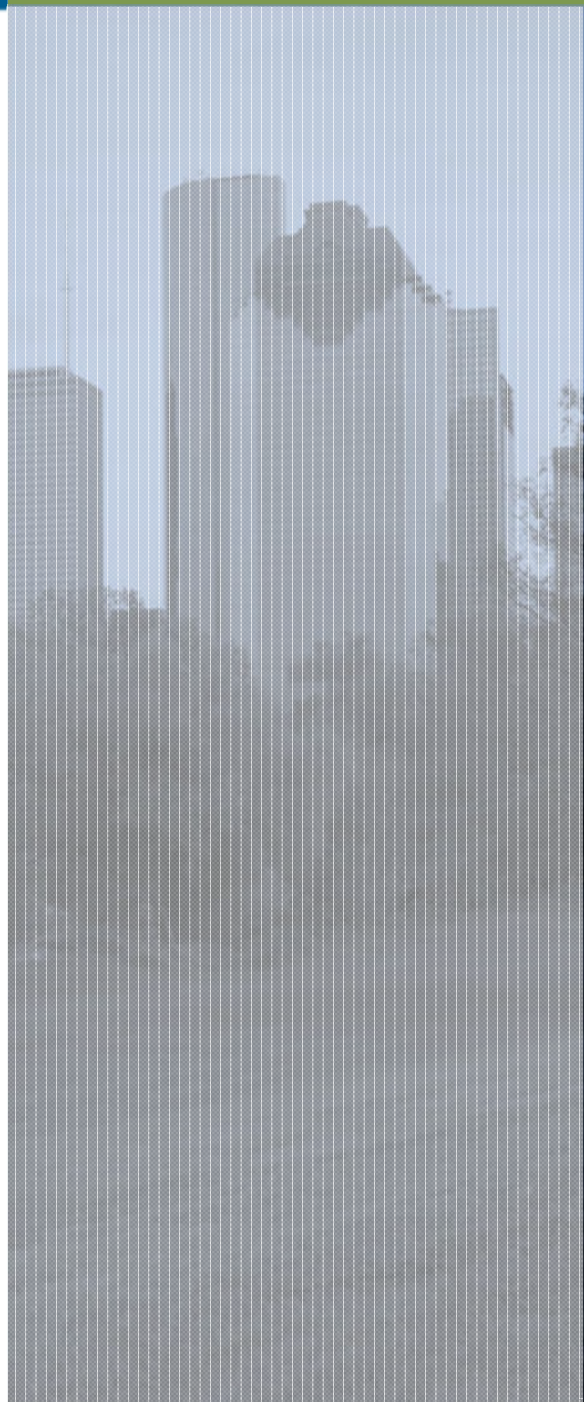
What if we don't conserve?



Courtesy: TerraMetrics

What's the cost?



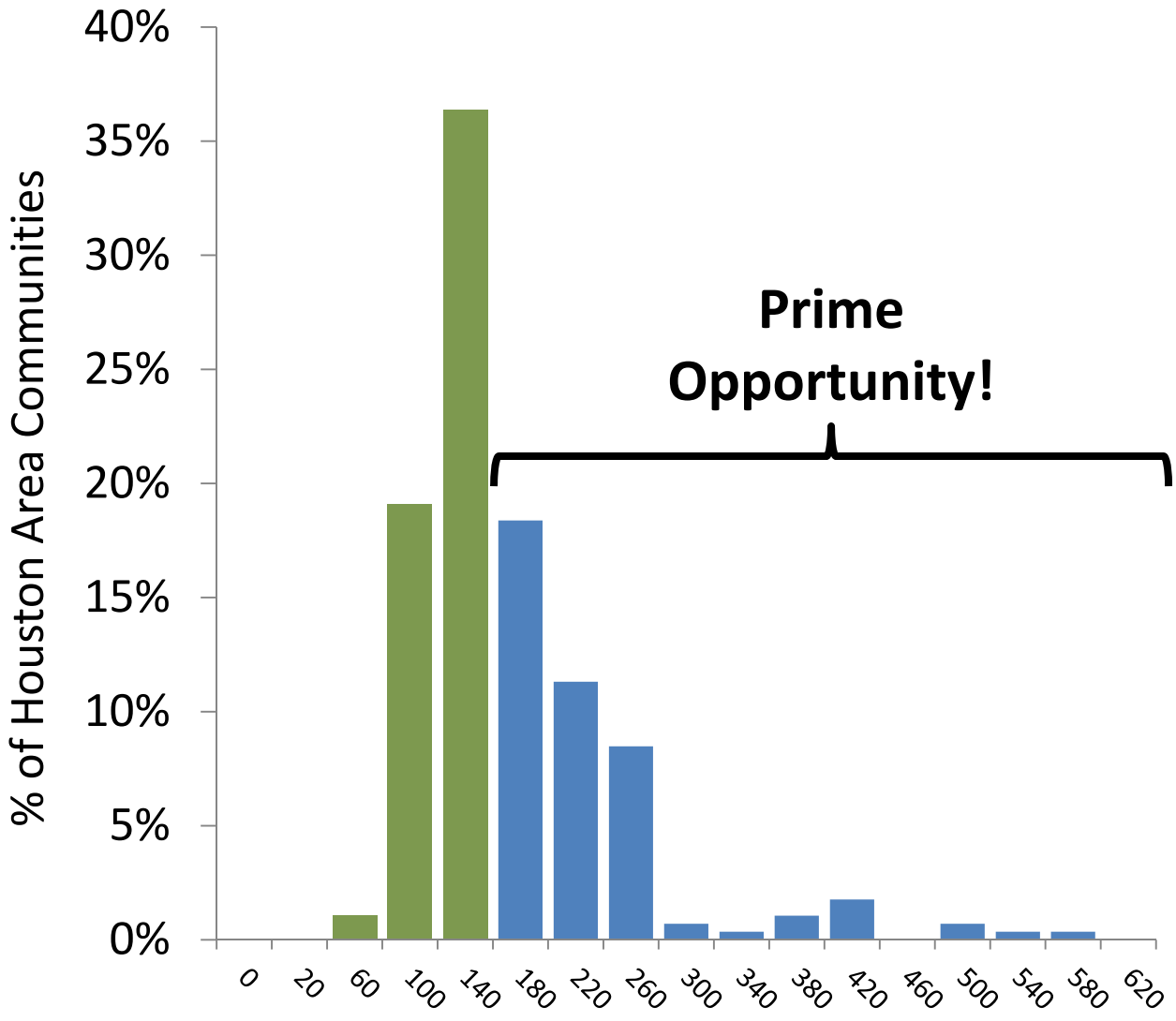


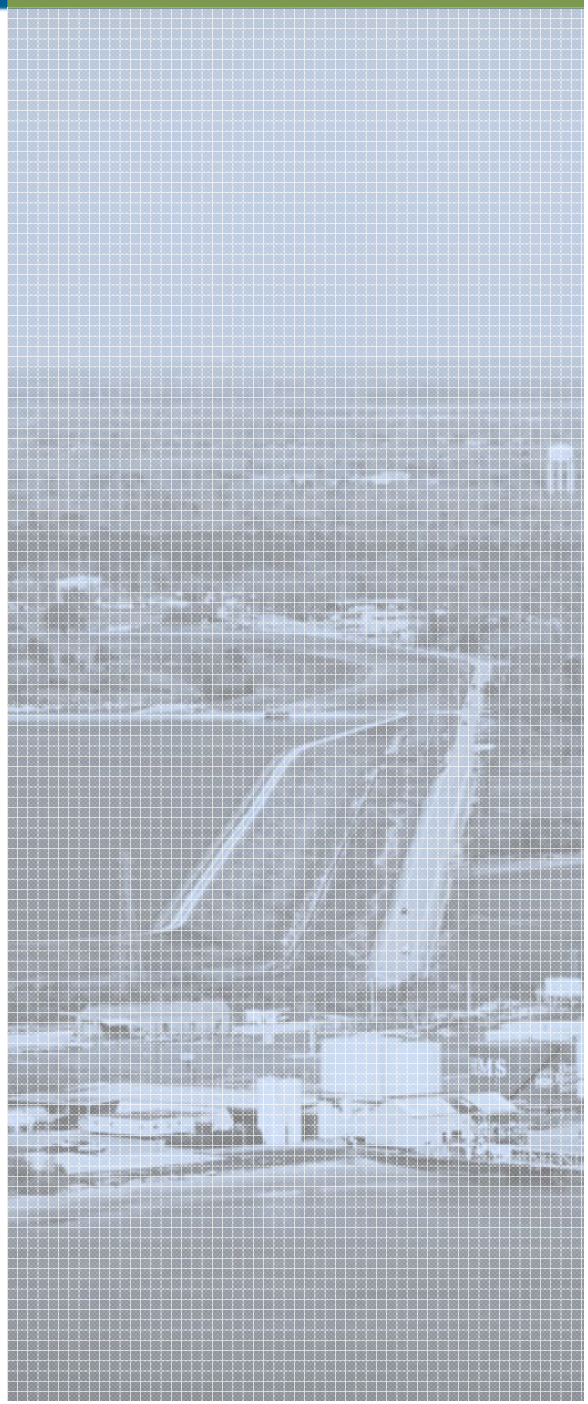
Implementing projects

the applicant for the interbasin transfer has…implemented a water conservation plan that will result in the highest practicable levels of water conservation and efficiency achievable…

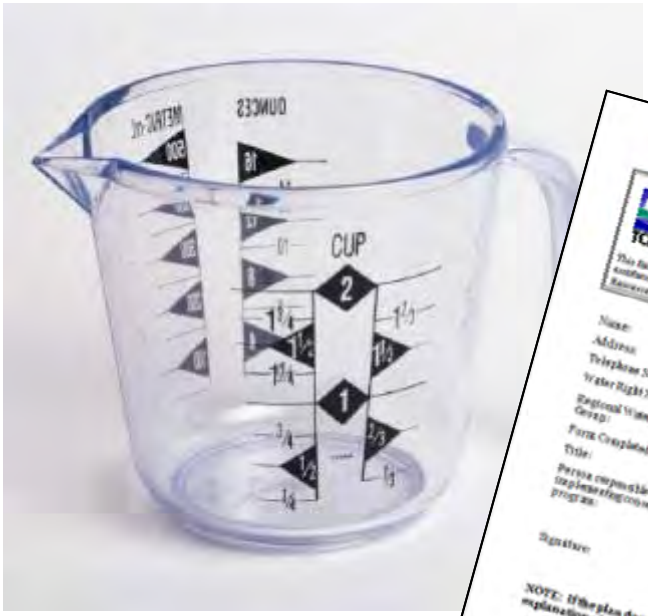
-TWC §11.085

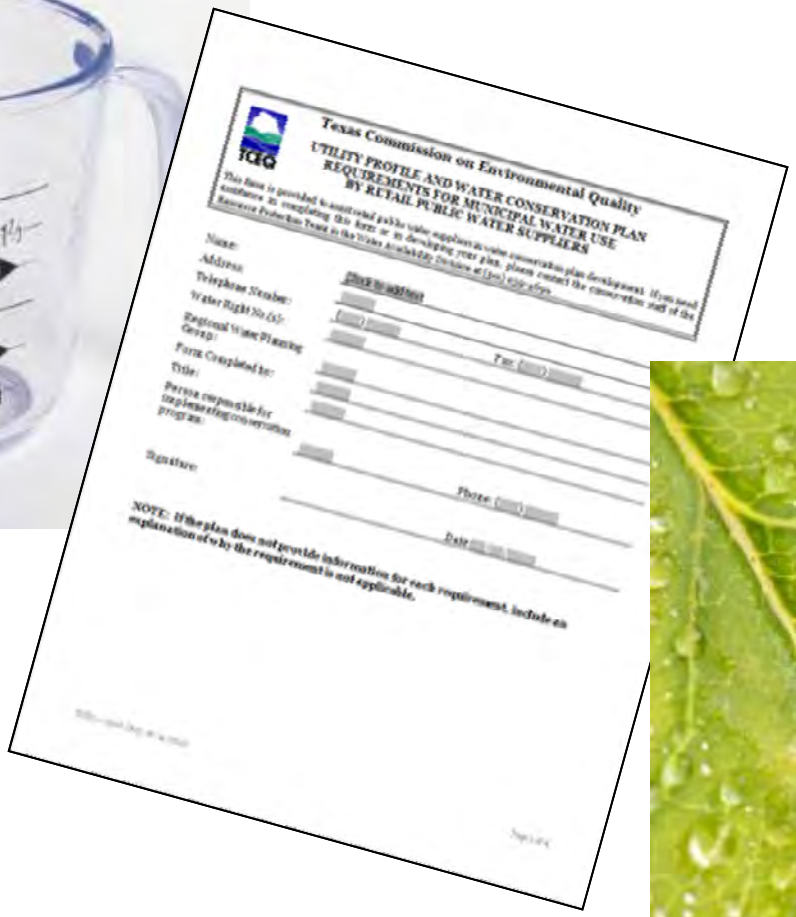
What's the potential?





What do we need to do?





Texas Commission on Environmental Quality

UTILITY PROFILE AND WATER CONSERVATION PLAN REQUIREMENTS FOR MUNICIPAL WATER USE BY RETAIL PUBLIC WATER SUPPLIERS

Name:

Address:

Telephone Number:

Water Right No.(s):

Regional Water Planning Group:

Form Completed by:

Title:

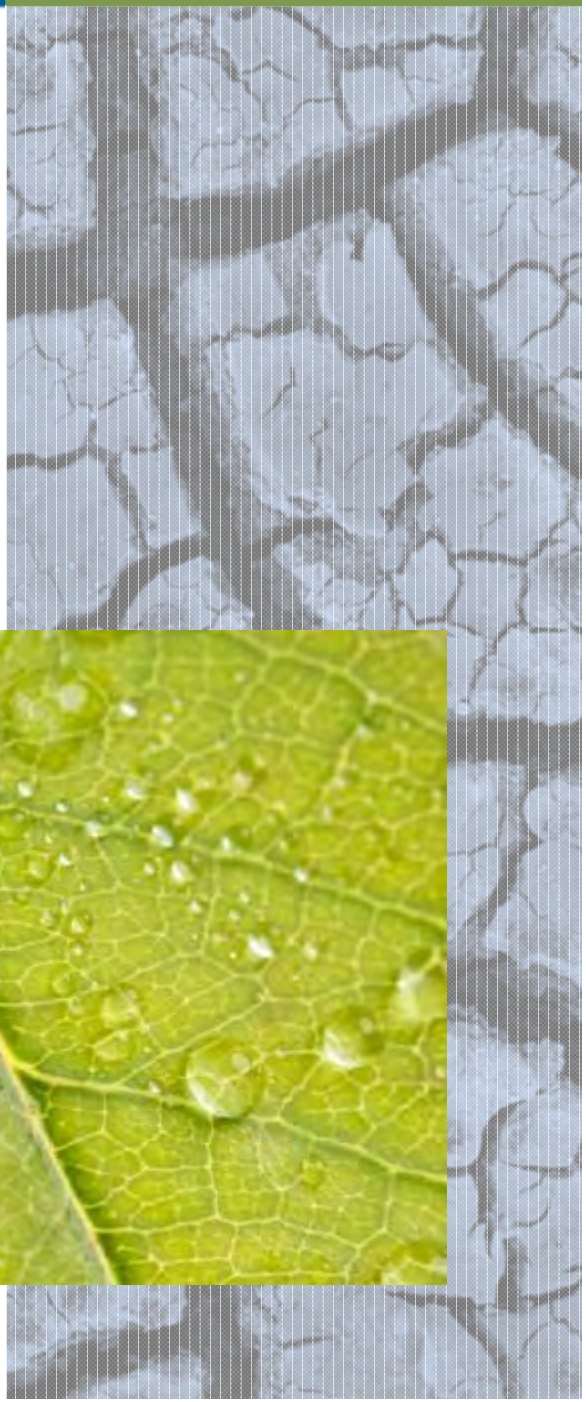
Person responsible for implementing conservation program:

Signature:

Phone:

Date:

NOTE: If the plan does not provide information for each requirement, include an explanation of why the requirement is not applicable.



What do we do today?