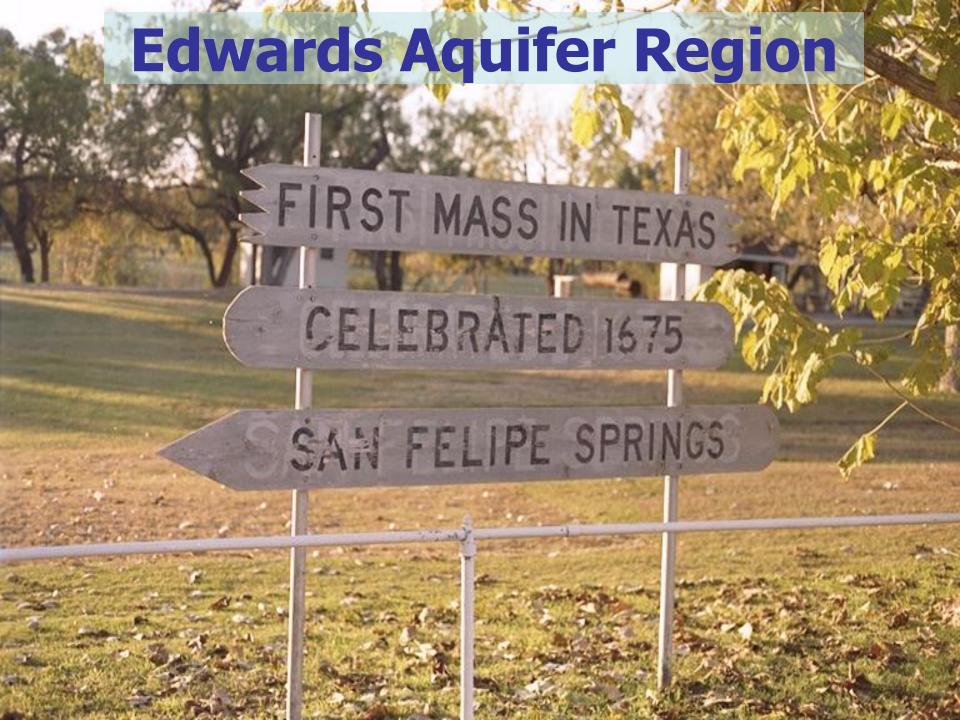
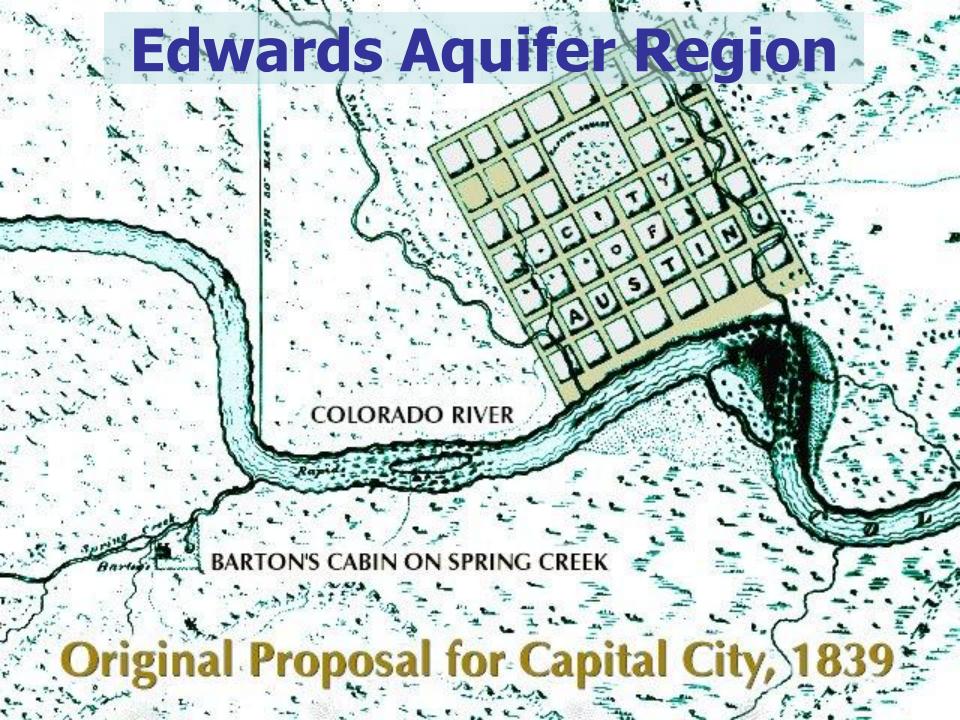


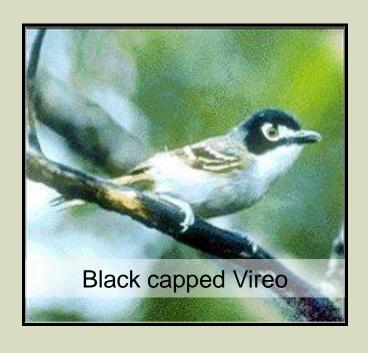
Edwards Aquifer Region







Home to over 50 plant and animal species that live nowhere else in the world.





Home to over 50 plant and animal species that live nowhere else on the planet



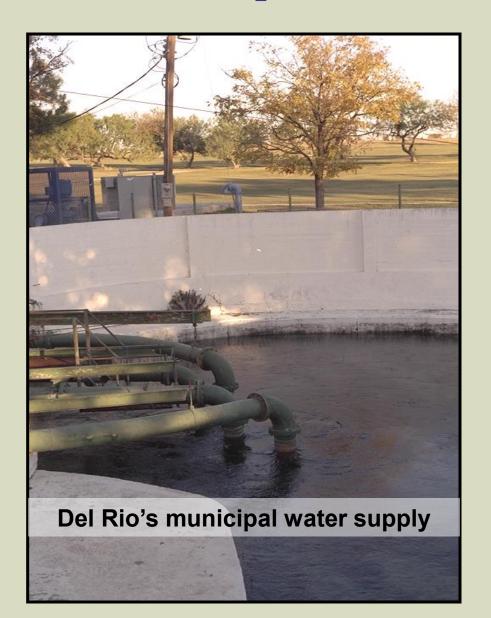


Home to over 50 plant and animal species that live nowhere else on the planet



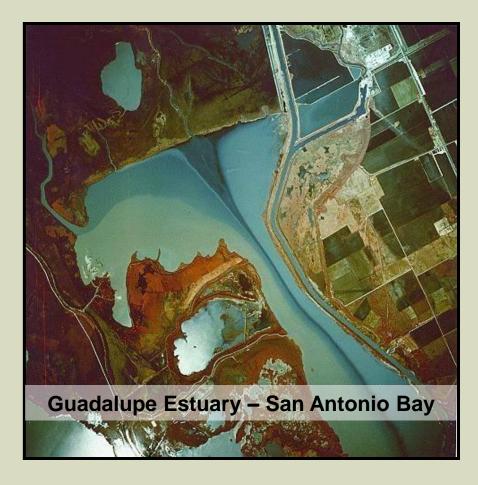


Providing the sole source of drinking water for over 1.5 million citizens.

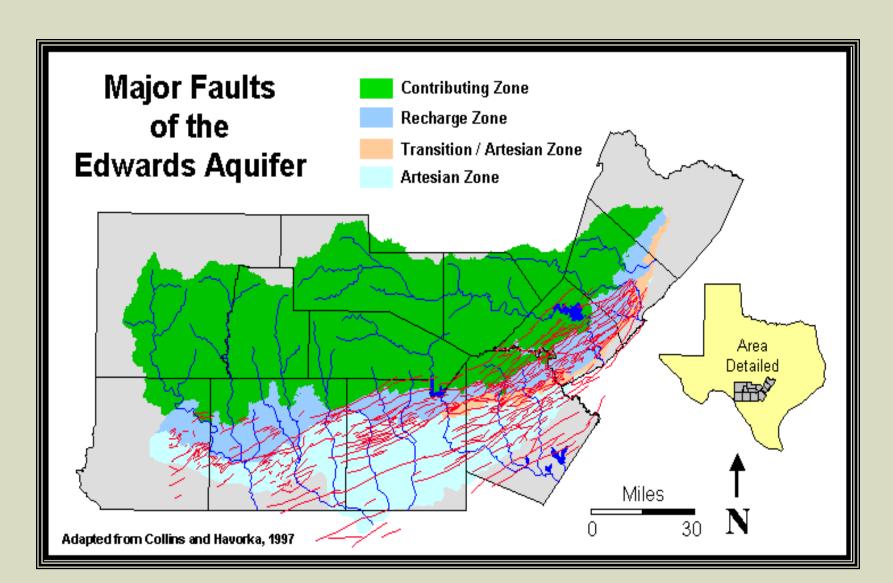


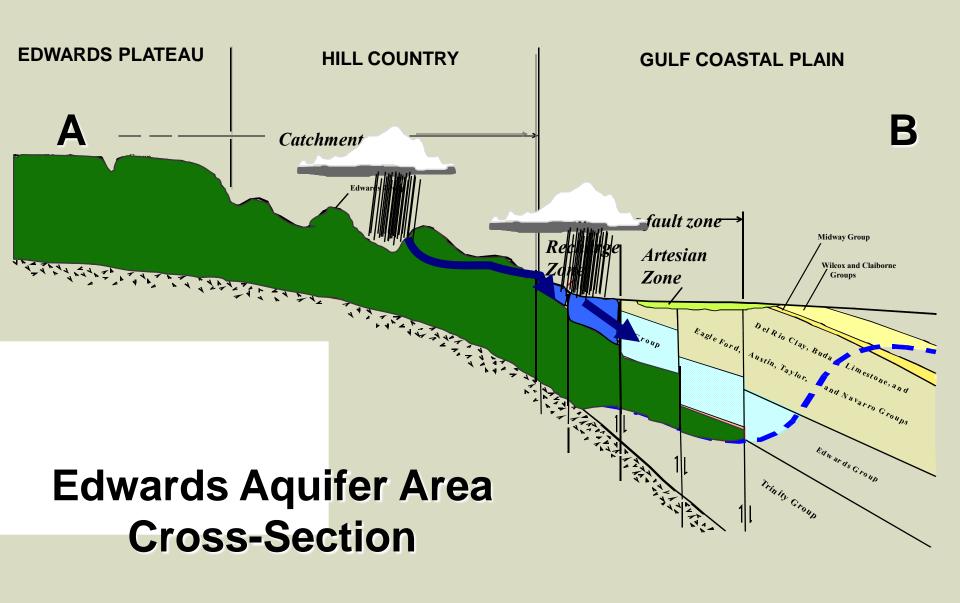
Sustaining essential freshwater flows to bays and estuaries during times of drought





A Treasure at Risk





A Treasure at Risk

Thin to non-existent Hill Country soils . . .





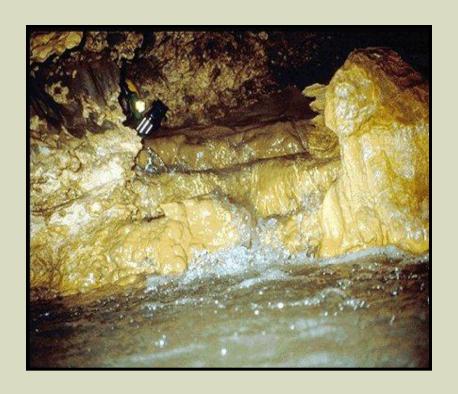
Edwards Aquifer Ecosystem A Treasure at Risk

... rapid, groundwater recharge...



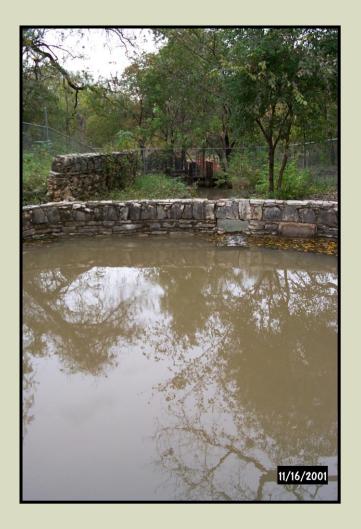
Edwards Aquifer Ecosystem A Treasure at Risk

... rapid open channel flow ...



A Treasure at Risk

... provides minimal filtration of pollutants that enter the aquifer . . .



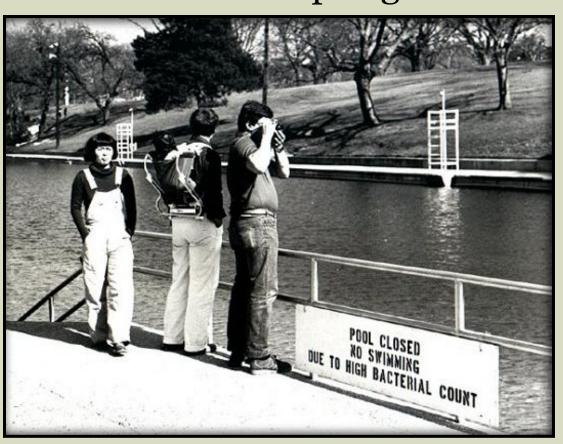
A Treasure at Risk

... combine to make the Edwards Aquifer more vulnerable to pollution than any other major aquifer in Texas.

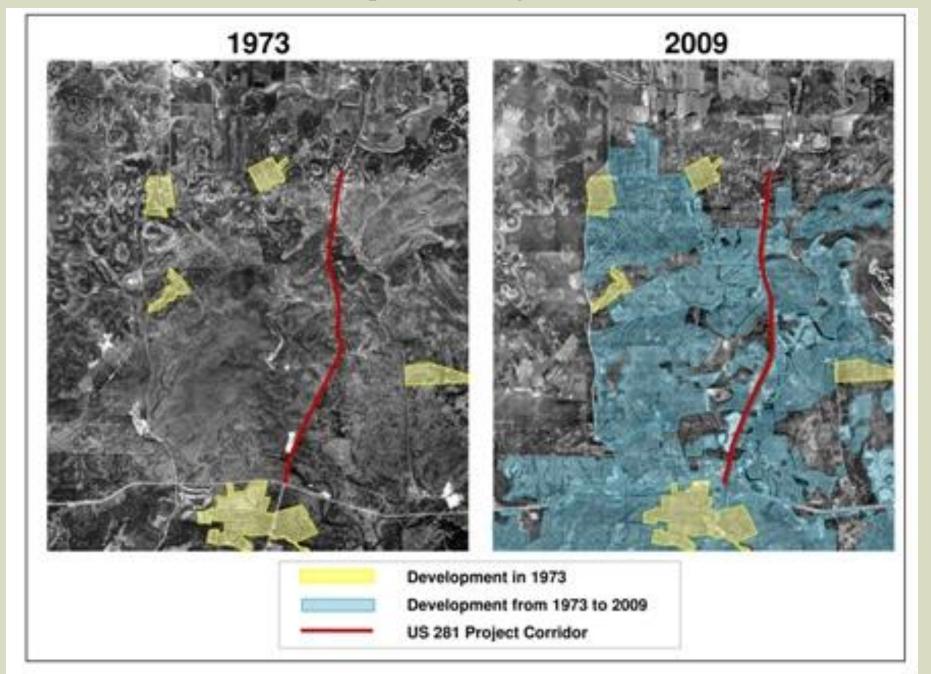


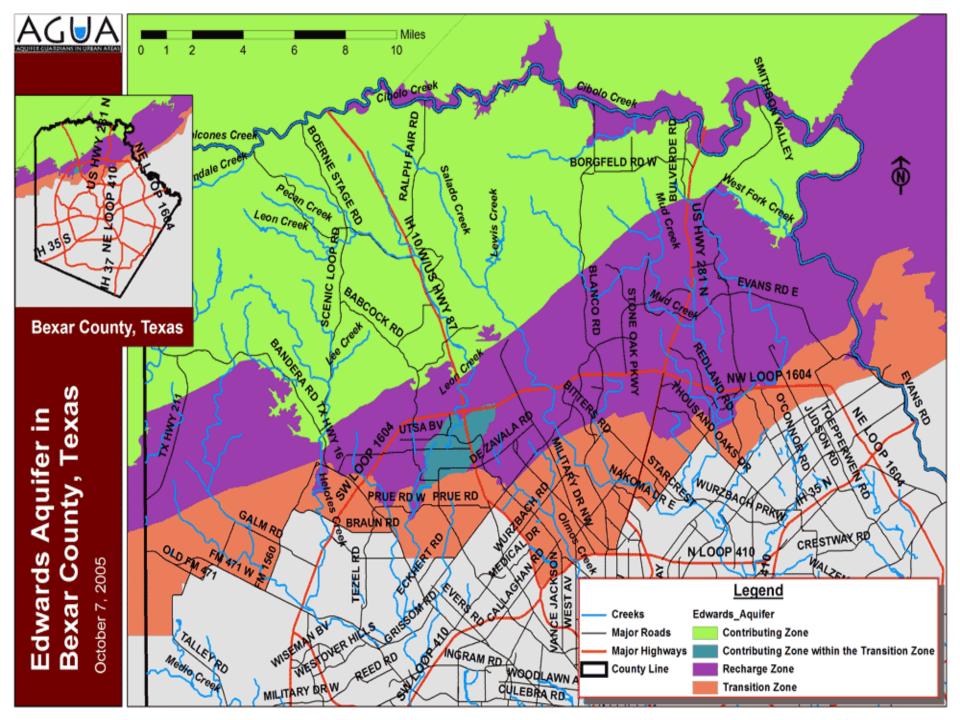
A Treasure at Risk

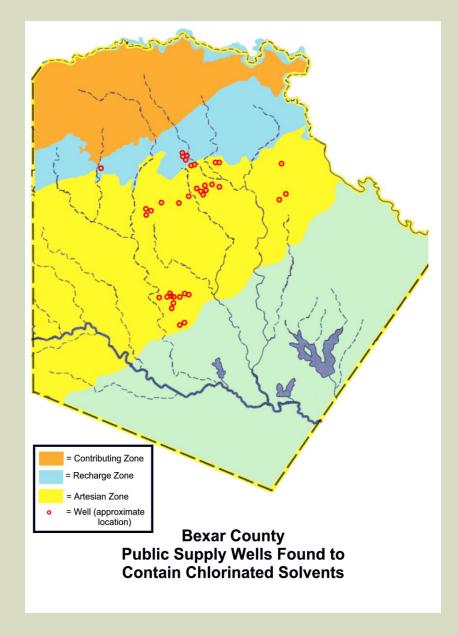
Rapid, unsustainable urbanization threatens pollution of the Great Springs of Texas.



US 281 on the Edwards Aquifer Recharge Zone in San Antonio, Texas



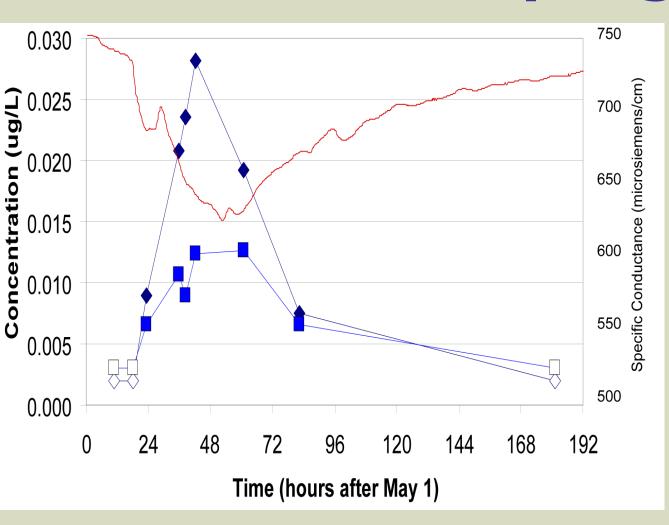


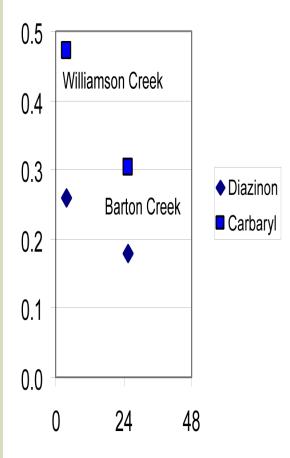






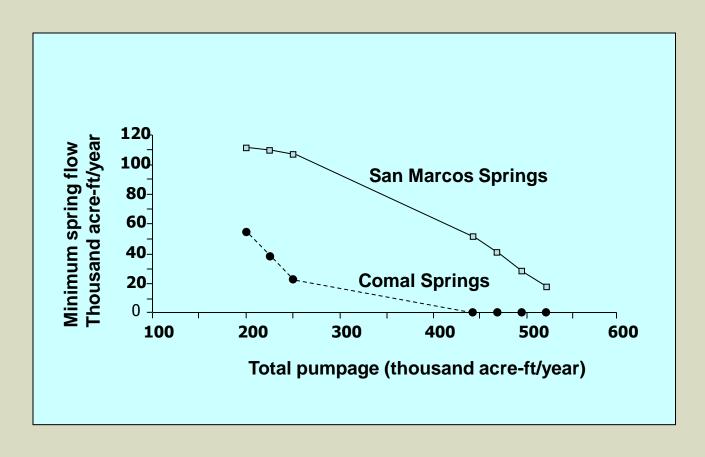
Carbaryl and Diazinon in Barton Springs





A Treasure at Risk

Rapid, unsustainable urbanization threatens to overpump the aquifer.



Edwards Aquifer Ecosystem A Treasure at Risk

Rapid, unsustainable urbanization is pushing aquatic species to the brink of extinction



Edwards Aquifer Sustainability Initiative

A Need for Action

- Rapid regional population and urban growth predicted to continue.
- Multiple jurisdictions with no coherent plan or vision for the region
- TxDOT and River Authorities building infrastructure without local accountability

Edwards Aquifer Sustainability Initiative

A Need for Action

Based on regional scientific consensus

"Government, private corporations and citizens should act promptly to direct urban development away from the aquifer through control of infrastructure investment...."

"Restrict impervious cover to levels to levels that will sustain existing water quality." (<12%)



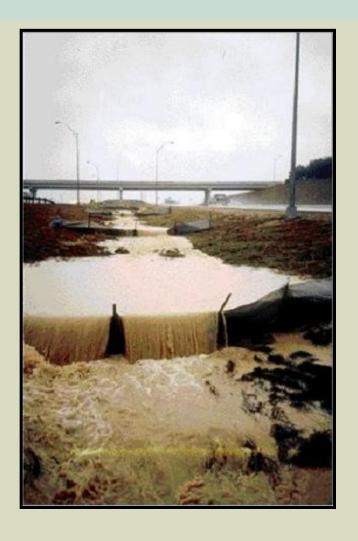
Based on regional economic consensus

Chamber of Commerce's "New Century Economic Report" confirms that a high quality environment is necessary for a healthy economy

Edwards Aquifer Sustainability Initiative

A Need for Action

Current measures are inadequate:
Structural controls often fail to prevent pollution.

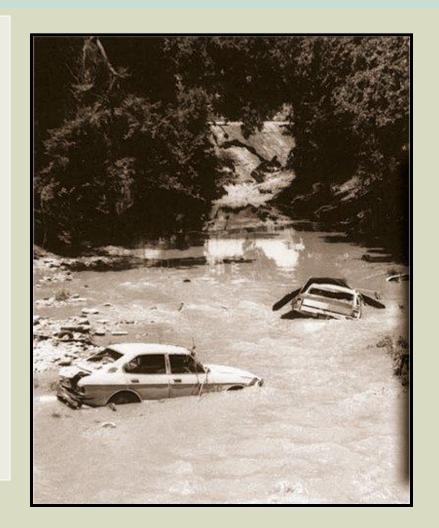


Edwards Aquifer Sustainability Initiative

A Need for Action

Current measures are inadequate:

Increased impervious cover increases stormwater flows, erosion, and flooding.



Pollutants found in Barton Springs or Contributing Stream Sediments Above Levels which are Toxic to Aquatic Life

hlordane

Spray

Heavy Metals

Pesticides

Polyaromatic hydrocarbons

Arsenic ORI Cadmium

Copper Insect Sp

Lead

Mercury

Silver

P-P'-DDD

P-P'-DDE

P-P'-DDT

Aldrin

Endrin

Heptachlor Epoxide

Beta-BHC

Delta-BHC

Gamma-BHC (lindane)

PCD

Benzo(A)anthrocene

Benzo(B)fluoranthene

Benzo(K)fluoranthene

Benzo(A)pyrene

Chrysene

Dibenz(AH)anthracene

Fluoranthene

Phenanthrene

Pyrene



Nurture the "Hidden Heart of Texas" *The Edwards Aquifer*and the Texas Hill Country

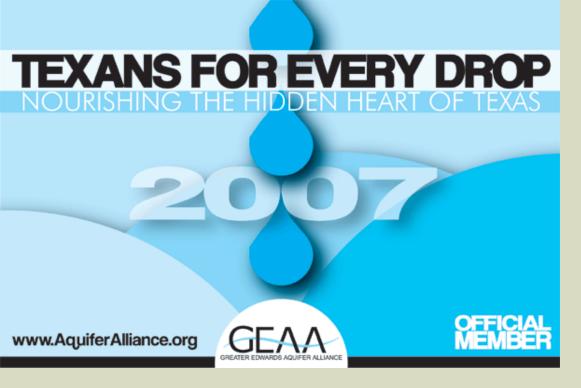
Join GEAA's
Texans for Every Drop
Business Campaign
at

www.AquiferAlliance.org



Local GEAA Member Groups

- AGUA
- Boerne Together
- Cibolo Nature Center
- Friends of Government Canyon
- Hill Country Planning Association
- Helotes Heritage Association
- Kendall County Well Owners Association
- San Geronimo Valley Alliance
- Scenic Loop/Boerne Stage Alliance
- And more...visit our groups at www.AquiferAlliance.org



Join GEAA as a Business Member

According to a San Antonio Business Journal Poll (Jan. 08)

55% said they are more likely to buy products if a business goes "green"

To Join Visit <u>www.AquiferAlliance.org</u>

- Artisan \$50
- Small Business \$100
- Large Business \$200

Recognition of you business by GEAA members Parties, Tours and Social Events