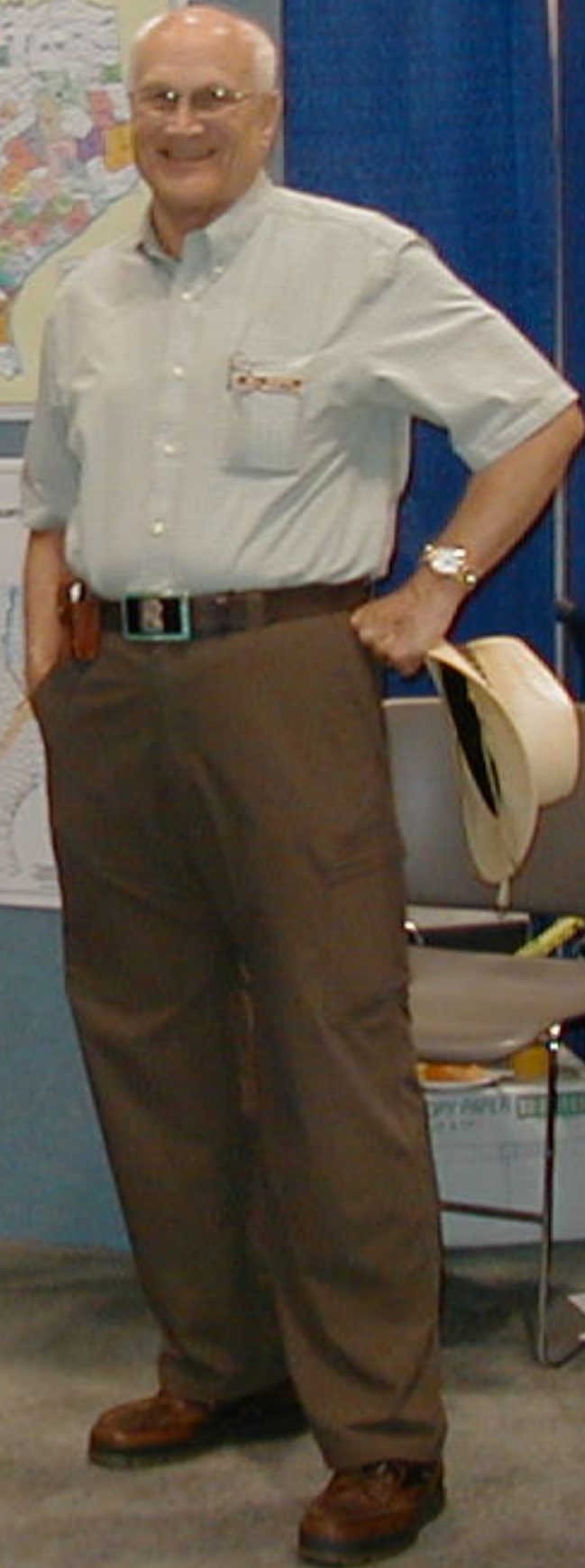


Texas Groundwater Protection Committee

1204

Texas Groundwater Conservation Districts





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EXTENSION
Understanding Water Needs
in Black Communities

Water is a precious resource, and understanding your water needs is the first step in conserving it. This infographic provides essential information on water usage in Black communities and offers practical tips to reduce consumption.

- 1. Fix leaks
- 2. Use water-efficient fixtures
- 3. Water your lawn wisely
- 4. Take shorter showers
- 5. Run the dishwasher only when full
- 6. Wash clothes in full loads
- 7. Turn off the tap while brushing teeth
- 8. Use a bucket to wash cars
- 9. Collect rainwater
- 10. Use a broom instead of a hose to clean driveways

AGRICULTURE EXTENSION
Sustainable Water
Quality Practices

Protecting water quality is essential for sustainable agriculture. This infographic outlines key practices for farmers and ranchers to maintain clean water resources.

- 1. Implement buffer strips
- 2. Practice cover cropping
- 3. Use precision agriculture
- 4. Rotate crops
- 5. Manage manure properly
- 6. Avoid herbicide drift
- 7. Plant riparian vegetation
- 8. Monitor water quality
- 9. Educate workers
- 10. Develop a water quality plan

EXTENSION
Protecting the Environment

Protecting the environment is crucial for our future. This infographic provides information on various environmental issues and how we can all contribute to a healthier planet.

- 1. Reduce, reuse, recycle
- 2. Conserve energy
- 3. Use public transportation
- 4. Plant native plants
- 5. Avoid single-use plastics
- 6. Support local businesses
- 7. Participate in community cleanups
- 8. Use eco-friendly products
- 9. Conserve water
- 10. Advocate for environmental policies



EXTENSION
Water Quality

Regular water quality testing is essential for ensuring the safety of your drinking water. This infographic provides information on how to test your water and what to look for.

- 1. Test for lead
- 2. Test for copper
- 3. Test for iron
- 4. Test for manganese
- 5. Test for nitrate
- 6. Test for total dissolved solids (TDS)
- 7. Test for total hardness
- 8. Test for chlorine
- 9. Test for pH
- 10. Test for turbidity

AGRICULTURE EXTENSION
Understanding and maintaining
your septic system

Proper septic system maintenance is crucial for protecting your health and the environment. This infographic provides essential information on how to care for your septic system.

- 1. Pump out regularly
- 2. Avoid flushing non-biodegradable items
- 3. Use water efficiently
- 4. Inspect the system
- 5. Plant septic-friendly plants
- 6. Avoid parking on the septic tank
- 7. Use a septic filter
- 8. Monitor for odors
- 9. Check for leaks
- 10. Hire a professional for repairs

EXTENSION
Soil Science

Soil is the foundation of our food system. This infographic provides information on soil science, soil health, and how we can improve our soil.

- 1. Test your soil
- 2. Add organic matter
- 3. Practice crop rotation
- 4. Use cover crops
- 5. Avoid over-tilling
- 6. Use mulch
- 7. Plant native plants
- 8. Avoid synthetic fertilizers
- 9. Water wisely
- 10. Practice conservation tillage



EXTENSION
Drinking Water
Production

Understanding the process of drinking water production is important for ensuring the safety and quality of the water you consume. This infographic provides information on the water treatment process.

- 1. Coagulation and flocculation
- 2. Sedimentation
- 3. Filtration
- 4. Disinfection
- 5. Distribution
- 6. Storage
- 7. Monitoring
- 8. Maintenance
- 9. Emergency response
- 10. Public information

AGRICULTURE EXTENSION
Graywater

Graywater reuse is a sustainable way to conserve water. This infographic provides information on how to safely reuse graywater in your home.

- 1. Identify graywater sources
- 2. Collect graywater
- 3. Filter graywater
- 4. Use graywater for irrigation
- 5. Use graywater for cleaning
- 6. Use graywater for toilet flushing
- 7. Avoid using graywater for drinking
- 8. Avoid using graywater for cooking
- 9. Avoid using graywater for laundry
- 10. Maintain the system



Land Use and the Environment

Land use changes can have significant impacts on the environment. This infographic provides information on how land use affects the environment and how we can mitigate these impacts.

- 1. Deforestation
- 2. Urbanization
- 3. Agriculture
- 4. Mining
- 5. Wetland loss
- 6. Air pollution
- 7. Water pollution
- 8. Climate change
- 9. Biodiversity loss
- 10. Soil erosion



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STATE AQUIFER ABBREVIATIONS

OG - Ogallala
ED - Edwards
TR - Trinity
GCP - Gulf of Mexico Coastal Plain
CV - Central Valley
B - Balcones



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