

# LAKE RALPH HALL

*A Reliable Water Supply Source for the Future*

Our water supply is too critical of a resource to leave to chance. Since 1989, the members of **Upper Trinity Regional Water District** have proactively planned to secure a safe and reliable water supply for the future. Practical solutions like Lake Ralph Hall will help ensure that future generations of North Texans never face a water crisis. The member cities and utilities of Upper Trinity are counting on this new lake.



## **Reliable Water Supply Regional Benefits**

**A Future Water Supply Source.** Upper Trinity plans to use all the water that is available from existing sources; yet, there will not be enough to avoid a shortfall within 15 years.

More water from Dallas, increased water conservation efforts and more reuse of existing supplies are all vital. However, additional water supplies are absolutely critical, making **Lake Ralph Hall** an important defense against future water crisis.

**Safe, Dependable Source.** The proposed Lake Ralph Hall will provide about 30 million gallons of water per day (mgd), plus about 15 mgd in reuse for the Upper Trinity service area. Also, water will be available for the City of Ladonia and for portions of Fannin County. Though similar in size to Grapevine Lake, greater rainfall in the Sulphur River Basin will allow Lake Ralph Hall to yield about 20% more water.

**A Great Site.** Preliminary field studies confirm that the North Sulphur River near the City of Ladonia is an outstanding site for a new water supply lake. There are no oil or gas wells, and no cemeteries that would be under water. No major pipelines or electric transmission lines within the project site - - and, only a few residences will be affected.

**Economic Benefits.** Lake Ralph Hall and its water supply are expected to contribute approximately \$18 billion dollars in economic benefits to Denton, Dallas, Collin and Fannin Counties.



### **Upper Trinity Regional Water District**

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*For more information about the  
proposed new water supply reser-  
voir, please visit:*

***[www.LakeRalphHallinfo.com](http://www.LakeRalphHallinfo.com)***

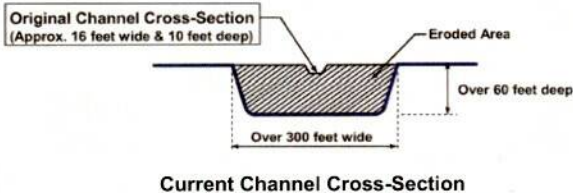
# Environmental Benefits of Lake Ralph Hall

The North Sulphur River, the proposed site for Lake Ralph Hall, has an on-going environmental problem of epic proportions. Over the past 80 years, hundreds of acres of valuable land have disappeared - - eroded away from the main channel and tributaries, washing away valuable soil, trees, wetlands and wildlife habitat - - taking the material downstream and creating serious problems.

State and County highway bridges have been rebuilt because the erosion has continued to undermine their foundation. Construction of Lake Ralph Hall will help mitigate erosion, restore natural conditions and beauty to the region, will provide new water and food sources for animals, and will help preserve

soil and natural resources. Lake Ralph Hall will make life better - - for nature and for people.

The original channel dug in 1928-29 was approximately 16 ft. wide and 10 ft. deep. However, today it is over 300 ft. wide and 60 ft. deep - - some 10 times its original size. Environmental experts recently visited the site of the proposed new water reservoir and were astounded. This photograph depicts the current condition of the channel of this small river.



The size of proposed Lake Ralph Hall project is approximately 11,800 acres, including boundary lands.