



Guadalupe-Blanco River Authority
933 E. Court Street, Seguin TX 78155
www.gbra.org

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March 30, 2011

GBRA to Inflate Salt Water Barrier on Guadalupe River near Tivoli

For more information

LaMarriol Smith, Guadalupe-Blanco River Authority, (830) 379-5822, lsmith@gbra.org

TIVOLI, TX —Drier weather conditions in the lower Guadalupe River basin have caused a gradual decline in the river's level as recorded at the GBRA Lower Guadalupe Diversion Dam and Saltwater Barrier, which is located near the community of Tivoli, Texas. As a result, GBRA crews plan to activate the fabridam bags of its Salt Water Barrier on Friday, April 1, 2011. Boaters or recreational users in this area of the river are urged to exercise extreme caution.

By Tuesday March 29, the river level recorded was 2.6 msl (2.6 feet above mean sea level). Herb Wittliff, manager of GBRA's Port Lavaca operations, explained, "The operation of the barrier would prevent the possible intrusion of salty water from the San Antonio Bay system into the fresh water supply, which might occur when extremely dry conditions develop during the long days of summer."

"We will be inflating both the inboard and outboard fabridam bags of the Barrier", said Chief Water Tender Richard Gaona. "Continued operation will depend primarily on the amount and timing of rainfall received further upstream."

When the fabridam bags are not in operation, the design of the Barrier allows normal flows of the river to pass through without restriction, because the bags are completely deflated and lie flat on the river bottom. However, when the Barrier is activated by inflating the bags, upstream water will "pool" to the desired operating level of 4.0 feet msl, with most of the water flowing over the bags and downstream to San Antonio Bay.

Because a 2 to 4 foot drop in water level is possible from the upstream to the downstream side of the Salt Water Barrier when the bags are inflated, **GBRA is issuing a boating caution for anyone who uses the lower Guadalupe River near Tivoli for water recreation or commercial fishing**. Warning signs will be posted and lights illuminated for nighttime conditions.

Attempting to pass through the structure in a boat while the Barrier is in operation could result in serious injury, or possible loss of life. Boaters on the upstream side should stay a safe distance away from the structure to avoid being carried downstream by strong currents.

The Lower Guadalupe Diversion Dam and Salt Water Barrier was built in 1965 by GBRA and is located near Tivoli, about 10 miles upstream of the mouth of the Guadalupe River.

The Barrier will remain in operation until river conditions improve. While GBRA is aware of the inconvenience to the boating public, operation of this structure is essential to safeguard water supplies for agricultural, industrial and municipal drinking water use. For more information, contact GBRA's Calhoun County office at Port Lavaca at (361) 552-9751.

The GBRA was established by the Texas Legislature in 1933 as a water conservation and reclamation district. GBRA provides stewardship for the water resources in its 10-county statutory district, which begins near the headwaters of the Guadalupe and Blanco rivers, ends at San Antonio Bay, and includes Kendall, Comal, Hays, Caldwell, Guadalupe, Gonzales, DeWitt, Victoria, Calhoun, and Refugio counties.



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