

# HOW CORROSIVE CAN BE THE ANOXIC WATER ?



**Toxic gases such as hydrogen sulfide and carbon dioxide building up at the bottom of the lake due to thermal stratification along with sulfuric and carbonic acids were eroding the concrete structure at the base of the Benbrook dam. In order to control this, the Tarrant County Regional Water District installed a Clean Flo aeration system at the deep end of Benbrook lake near the intake during the spring of 2010.**

**The Clean Flo aeration system not only helped to inhibit the corrosion activity of the anoxic water but also increased the TOC removal by 20-25%.**



<http://www.swf-wc.usace.army.mil/benbrook/faq.asp>