

## **Groundwater Concerns**

### **D. FLOW MEASUREMENT TECHNOLOGY -- Adequate to quantify river and stream base-flows.**

The science and technology available for river and stream gain/loss studies has improved steadily over the last 10-20 years. Acoustic Doppler Current Profiling (ADCP) is now an accepted practice that is used throughout the world and in Texas. The U.S. Geological Survey (USGS), Texas Commission on Environmental Quality (TCEQ), Texas Parks and Wildlife Department (TPWD), Texas Water Development Board (TWDB) Lower Colorado River Authority (LCRA), Guadalupe-Blanco River Authority (GBRA) and the Edwards Aquifer Authority (EAA) are among the many agencies using ADCP technology to measure river, stream and spring flows in Texas.