

## **Todd Running Bio**

Todd Running has served at the Houston-Galveston Area Council for over 15 years. For the past six years he has been the Clean Rivers Program Manager. He is responsible for conducting water quality assessments for one river and three coastal basins in the Houston-Galveston area. Under his leadership, H-GAC's Clean Rivers Program has produced several innovative reports, including the 2006 Basin Summary Report, which is a fully interactive CD. H-GAC's Clean Rivers Program has also been able to expand its ambient monitoring program and collect more parameters at each site with no increase in funding. Through the Clean Rivers Program, Mr. Running has supervised the development and implementation of over 20 special studies on waterbodies throughout the H-GAC region.

Mr. Running also was responsible for developing the methodology for conducting the Contact Recreation UAA Pilot Study on Mill Creek and for conducting the epidemiological feasibility study for Houston Area Bayous.

Before his tenure as Program Manager, Mr. Running served as Clean Rivers Program Coordinator, Senior Environmental Planner and Environmental Planner at H-GAC. In those positions he was responsible for a variety of water quality tasks and projects which included conducting wasteload estimates and projections for domestic wastewater treatment plants, writing and maintaining the Regional Quality Assurance Project Plan for the Clean Rivers Program, managing data collected for the Clean Rivers Program, coordinating the ambient water quality monitoring between seven local agencies, establishing the Regional Monitoring Workgroup, and training and certifying Texas Watch volunteer monitors.

Todd, his wife Mary and their four children live in on the Northwest side of Houston in Jersey Village.

## **Abstract**

Use Attainability Analyses(UAAs) can be complicated and seem daunting. Contact Recreation related UAAs are fairly new types of studies. Not many have been conducted nationwide. Many of the studies that have been conducted did not provide the needed information to determine if the contact recreation use designation was being met, The first pilot contact recreation UAA has recently been conducted in Texas. This paper will discuss the six criteria that can be used for removing a streams designated use and the required components of contact recreation UAAs. A detailed discussion of the development of the contact recreation UAA protocols for use in Texas and the development and results of the Mill Creek pilot study will also be discussed.