An Overview of the Local Economic Impacts of Rowing on the Passaic River

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Real-time data from the Two Bridges monitor are analyzed by a downstream water treatment facility to evaluate water quality and determine treatment options. Nitrate data collected at this station are part of a forthcoming journal article, in cooperation with the U.S. Environmental Protection Agency, investigating the effects of land use and sample location on nitrate-streamflow hysteresis during storm events. The station has also been utilized for field testing the accuracy of state-of-the-art in situ instruments for real-time monitoring by the USGS NJWSC and the USGS Hydrologic Instrumentation Facility. In reaching the goals set forth for environmental monitoring, management and restoration on the Passaic River, this station is a valuable well-established resource with which to meet these initiatives and objectives and has the potential to aid in predicting harmful algal blooms, modeling nutrient loading or bacteria concentrations, testing new real-time continuous sensor technologies and countless other possibilities.