

CASE STUDY: **North Buffalo Wastewater Treatment Plant**

**North Buffalo Wastewater Treatment Plant
Employs Problem-Free Headworks Screens
to Help Maintain City of Greensboro's High
Standards for Water Quality**

Background

The City of Greensboro North Carolina is committed to protecting its greatest natural resource: water. Last year the North Buffalo Wastewater Treatment Plant received the prestigious "Silver Peak Performance" Award for their outstanding environmental compliance from the National Association of Clean Water Agencies (NACWA). The citizens of this community are proud of the efforts to maintain and improve the quality of streams and waterways and being "good neighbors" to people living downstream.



Headworks® Bar Screen installation at North Buffalo

Process

In November of 2003, this community addressed the sewer overflows in the area, and City Council approved the North Buffalo Sanitary Sewer Project. The initial design phase of the project began in 2004 with consulting firm Hazen & Sawyer, in Raleigh, North Carolina, in charge of this extensive undertaking. The consultant recommended the Headworks® Bar Screens for its long track record and reliability as well as low life cycle costs.

Location: Greensboro, North Carolina, USA

Three Bar Screens were installed at the facility. The installation process ran very smoothly, which was part of a total construction process that allowed contractors to complete the entire project five months ahead of schedule. Mr. Ed Osborne, the Plant Supervisor is very happy with the screens at his facility. "The Headworks Bar Screens have been running for over a year with no problems whatsoever." The screens assist in a facility that is designed to help control flooding in the region. During peak water flows, the patented self-cleaning screens can operate at a faster speed to remove debris.



Pump Station at North Buffalo

QUALITY THAT NEVER QUILTS™