

Hartford, Wisconsin WPCF Operates a Problem Free Headworks® Screen

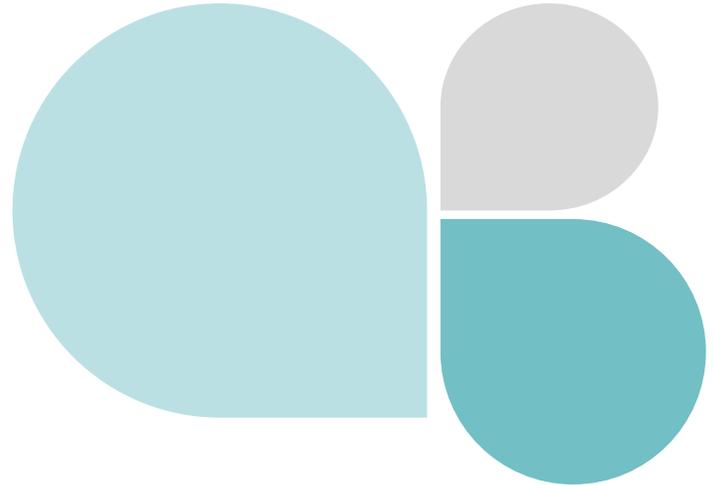
The Headworks® MS® Bar Screen began operation at the Hartford WPCF in 1998. During a recent conversation, Jerry Wagner, the plants superintendent, stated, "The Headworks® MS® Bar screen has operated for the past 8 years and we have never had to replace a part. The only maintenance required has been adjusting the chain tension twice."

Hartford, Wisconsin has been experiencing a healthy, steady growth rate for the past 10 years. Planning for the expanding population, currently at approximately 12,500, the Hartford City officials decided to upgrade their water pollution control facility in 1997.

The engineer in charge of Hartford WPCF's upgrade, Mr. Tom Renner of Ruckert Mielke, had previously visited the Headworks® booth at WEFTEC in 1995. He was impressed with the screening technology and in 1997, the Headworks® screen was purchased.

This screen was installed to replace an aging comminutor. The expensive maintenance requirements for the comminutor cost the plant both time and money. The new bar screen eliminated these expenses while removing solids from downstream processes, resulting in reduced maintenance throughout the plant.

The Headworks® MS® Bar Screen was engineered to handle a design flow of 12 mgd, as well as a future expansion up to 21



mgd. Fabricated totally out of 316 stainless steel, the MS® Bar Screen was designed with 0.25 inch bar spacing to fit a channel 3 ft wide and 4.5 ft deep.

The overall length of the screen is 28 ft. The screen conveys solids from the invert of the channel, located 19 ft below grade to the discharge point 4 feet above grade. The screen discharges into a washer compactor for solids processing.

The Headworks® MS® Bar Screen has been operating with no downtime for many years. This successful installation has led to other sales from the same consultant. In addition, Hartford has been a showcase installation for Headworks® in the Midwest generating interest with other end users and consultants.