

BIOLOGICAL FOULING SOLUTIONS

Intake screens are subject to fouling or plugging by aquatic vegetation, which can include zebra mussels. To date, 100% prevention of plugging by mussels is not possible; however Hendrick offers a variety of non-toxic coatings as an option to aid in minimizing the problem. Coatings allow for easy removal by physical scrubbing or high pressure cleaning.

Other options include screens fabricated with copper alloys; however these are extremely expensive and could prove to be an environmental hazard. The coating applications are an economical and non-toxic solution to attack different types of bio fouling.

In addition, a chemical injection system may be specified to disperse an approved biocide into the screen body to control aquatic life that has passed through the screen area. These systems are carefully designed to ensure toxic chemicals are not released into the natural water source.

Hendrick is proactive in solving all types of bio-fouling problems, through extensive research and commitment to working with engineering firms and government agencies to determine environmentally safe solutions to the various types of problems encountered while installing intake screens.

Hendrick Screen works closely with engineering firms, state and local agencies to ensure the environment is protected.

