

Jacquelyn Coated Pump Strainers

Industry	Industrial Water (Automotive)
Problem	An automotive company was building its new state of the art world headquarters. The facility was using an artificial lake as cooling water for the plant chillers. Because of high zebra mussel populations in the area the screens were built with an antifouling material. The engineer was concerned over pump failure as the strainers were not built of an antifouling material.
Solution	Cook Legacy worked with the pump provider and coated the pump strainers to ensure that they did not clog.
Result	For less than \$1,000 the facility protected their chillers from zebra mussels and other biofouling.

Protecting Pumps

Sometimes small things make big differences. Most of the case studies mentioned within this site are significant capital projects, this application was very simple. For less than \$1,000 dollars and in less than a week the site owner was able to maintain the integrity of their water supply. Although the cost is small, the potential impact is huge. The replacement cost of the pumps was roughly 100 times the cost of the coating. This does not account for the maintenance costs associated with pump failure or diminished water supply.