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Publication date: 05/18/06

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Harbec Reduces Insurance Costs by Recycling Water

Company Information

Name: Harbec Plastics Inc
 Address: 369 Route 104
 Ontario, NY 14519
 Contact: Bob Bechtold
 Website: www.harbec.com



Project Summary

Project Activity: Design and installation of an on-site pond with auxiliary equipment, including a fire suppression system and heat exchange equipment. The facility was configured to divert storm water and waste water into the pond where natural vegetation and engineering controls would be used to clean the water for industrial use. The facility also redirected water from evaporative cooling towers to heat exchangers at the bottom of the pond.

Project Benefits:

- Sufficient water available from storm water and recycled cooling water to install and operate a fire suppression system
- Elimination of over 200,000 gallons of waste water discharging to the sewer system
- Reduced consumption of town water for industrial use, making more water available for other facilities in area
- Reduced water bills by approximately \$2,500/year
- Reduced insurance premiums by \$59,000/year
- The pond is also serving as a test site for a plastic filtration product "**Ecstones**" that Harbec has developed for the purpose of filtering runoff water

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