

# Green is Beautiful

Increased density and irresponsible development are straining our natural resources and threatening the ecosystem, the aesthetics of our communities, and our quality of life. Changing the way we engage in development is critical to keeping our world green and beautiful.

## The Problem.

An estimated 40-65% of energy consumption in the United States lies in the construction and operation of buildings. Globally, it is estimated that buildings currently account for:

- 17% of the world's fresh water use
- 25% of all wood harvests
- 40% of all material flows
- 40% of all energy flows

An Environmental Protection Agency report demonstrated that the construction industry was generating more than 130 million tons of construction waste per year in the U.S. and that only 20% to 30% of this debris was being recovered for processing or recycling. It is estimated that there is an opportunity to reduce the energy, resource consumption and waste production of construction by 50-60% without decreasing value, aesthetics or function.



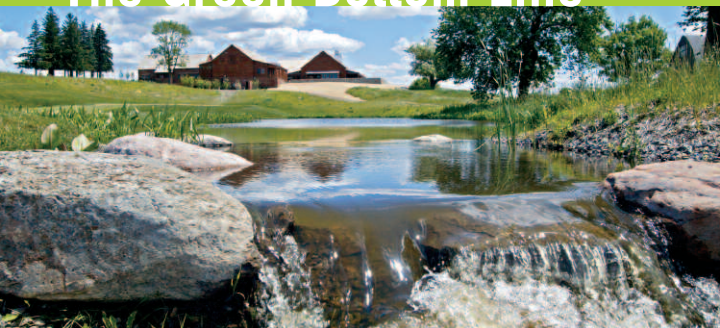
## The Solution

As a team, Rehbein Environmental Solutions is dedicated to resolving issues in water management, resource conservation and reuse, sustainability, greening, and beautification. Utilizing rapidly emerging technologies, the RES team addresses multiple issues with each design. Total system efficiencies promote long-term sustainability through simple water physics and proven science. By redefining the impact of construction on the environment and improving the use and conservation of precious resources, design solutions are limited only by the boundaries of imagination.

**Rehbein Environmental  
Solutions – Making the  
World a Greener Place**

**Rehbein**  
ENVIRONMENTAL SOLUTIONS

# The Green Bottom Line



Sustainable building practices are becoming increasingly mainstream in the U.S. The public is less tolerant of wasteful, careless construction that does not consider the aesthetic quality of development and the environmental impact of growth. The world's political, scientific and business leaders are taking notice of a pending catastrophe and taking action.

## You Care.

We know that our clients have a desire to build responsibly. Resistance to sustainable building practices typically stems from limited information, not a disregard for the environment. In an increasingly mindful society, it is critical that companies demonstrate ecological consciousness to the public by taking extra steps to implement sustainable technologies and practices.

*“Unlike many other aspects of the environmental movement, sustainable design is a real, practical and long-term practice that could make a huge contribution to energy savings and environmental health around the world—if only architects and building owners would fully embrace its principles.”*

—FORBES MAGAZINE, AUGUST 2006

## It's Good to Be Green.

Over a 100-year average lifespan, the cost to operate a commercial building will be 10 times greater than the amount spent on construction. At Rehbein, we can assist you in calculating the costs and benefits of implementing sustainable practices into your project. We consider the total return on investment in your development project, including the value of responsible leadership associated with positive public relations. Our experience has shown us that green building results in increased prosperity for all: our clients, the community, and the environment.