

# Clean water for challenging sites. Integrated cost-saving strategies.

## Ecological Engineering Group



- ▶ Advanced Wastewater Systems
- ▶ Water-Reuse Systems
- ▶ Septic-Sewer Alternatives
- ▶ Zero-Waste Discharge Systems
- ▶ Stormwater/Rainwater Systems
- ▶ Denitrification Systems
- ▶ Water & Energy Conservation



**Ecological Engineering Group, Inc.**  
Ecological Engineers and Designers  
Where Life informs design™



## Beautiful solutions for wastewater management



**Zero-discharge and ecological solutions –that double as landscaping—for environmentally sensitive sites**

EEG designs, engineers, obtains permits, installs and operates a wide range of solutions, including systems that double as landscaping. Tough sites are EEG's specialty.



**Water-recycling systems that use water more than once—whether for toilet flushing, landscape irrigation, cooling or makeup water**

**Stormwater management solutions that clean and manage flows—and even collect it for use**



**Central and cluster systems for advanced tertiary treatment as well as beautiful odorless amenities**

# Cost-effective water and wastewater engineering and design solutions

The Ecological Engineering Group (EEG) designs and engineers integrated cost-effective ecologically engineered solutions for managing water, wastewater and stormwater. EEG looks for opportunities for preventing pollution, reusing water and working with existing systems to save money and provide added amenities, such as landscaping and reduced water usage.

More than just an engineering firm, EEG is a collaborative of designers, scientists, project managers, a treatment plant operator and landscape architects, as well as engineers, that has built a reputation for providing innovative strategies for restricted situations where other firms cannot. Find out why regulators, developers and environmentalists alike recommend EEG.

## Planning, engineering and design

### Landscape architecture

### Permitting and environmental compliance

### Construction services

### Operations services

#### SOLUTIONS INCLUDE:

Zero-discharge wastewater systems for environmentally restricted sites

Ecological stormwater treatment

Treatment, recycling and beneficial reuse of wastewater for irrigation of landscapes and nonpotable reuse

Water-conserving measures and devices for both large developments and individual buildings

Harvesting and storage of rainwater from buildings

Security walls and noise-absorbing fences that grow valuable plants irrigated with rainwater or treated effluent

Reclamation of waste heat to heat facilities

Ecological air purification

Alternative and renewable energy

**Call today to discuss your needs: 1-866-4-ECO-ENG**



## Ecological Engineering Group, Inc.

Ecological Engineers and Designers  
staff@ecological-engineering.com • [www.ecological-engineering.com](http://www.ecological-engineering.com)

508 Boston Post Road, P.O. Box 415  
Weston, Massachusetts 02493-0003 USA



## Examples of projects



For a property severely constrained by wetlands and coastal zoning regulations, Ecological Engineering Group developed a strategic plan, designing ecologically engineered solutions and securing variances from regulations. The result: The value of the property significantly increased as this “unbuildable” site was reclassified as buildable.



A Solar Aquatics System in Weston, Mass. treats all of the wastewater of the town’s business center—about 7,000 gallons daily with a capacity for 15,000 gallons—in a beautiful greenhouse. Tours of the facility are conducted regularly for schools and groups from around the country. The town chose this system for its effectiveness and its attractive appearance.



The owners of Lalati, a resort on Bega island, Fiji, wanted a wastewater system that would not pollute the water. Ecological Engineering Group designed garden-like wastewater systems that use up washwater at each building. The system also features site-built composting toilets with micro-flush toilets that are compatible with an upscale resort. Guests feel good knowing they are not polluting the island’s coral reefs which provide world-class diving.

A house located in an area with high groundwater and close to a municipal water supply had been condemned by the town. The only solution the town would accept was a zero-discharge system designed by Ecological Engineering Group. The greenhouse-enclosed system manages wastewater while also providing passive solar heat and an atrium space for the homeowners to enjoy.