



Rainwater/Stormwater Harvest and Reuse

Capture and Use Free Water

The High Cost of Water

A Boston area high school spent \$136,619.09 in 2001 to purchase 11,169,884 gallons of city-supplied water and \$92,538.27 in 2000 to purchase 7,765,736 gallons.

One of nature's greatest gifts is water. In the form of rain and snowmelt, it nourishes our aquifers, promotes stream flow and generally sustains all life.

However, city-supplied clean water is increasingly expensive as the costs of water supply, wastewater treatment and distribution are all combined in one water bill.

At the same time, stormwater is increasingly a management challenge as it arrives on roof and parking lot surfaces faster than it can be soaked into the ground, and can be no longer legally drained to sewers.

The Opportunity

EEG turns these costs and challenges into a money-saving opportunity, showing you how to collect stormwater and reuse it to offset the high costs of purchased water.

EEG helps you capitalize on this opportunity by providing:

- rainwater harvest studies that show you how much water can be collected and stored for reuse for nearly all purposes
- irrigation studies that determine how much water is required to make up the difference between rainwater and the amount required for irrigation
- an economic analysis of water bills that shows the avoided cost/benefit from collecting and using rainwater instead of purchasing water from the water company
- Best Management Practices (BMPs) for stormwater treatment and reuse: Today's regulations require treatment of stormwater before it is drained to the environment. This is especially true for stormwater from parking lots that receive toxic chemicals and hydrocarbons from vehicle spills, road salt and drippings from the undersides of vehicles.
- design, engineering, permitting and even construction and operations management for rainwater systems based on ecological principles
- green schools and green building consulting and design

**Call EEG today:
978.369.9440**



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