



MIDWEST
Environmental Services, Inc.

Midwest Environmental Services, Inc. Water Conservation

You probably know that water conservation saves money as well as energy but it is important to sometimes stop and take a look at the impact water has in our lives. Because of the vast quantities of water in the world it is often thought of as a renewable resource but water is in fact finite. The water we have on earth is all there is or ever will be. Seventy percent of our bodies are made up of water and it would be hard to find anything in our daily lives that did not use water in order for it to exist. Only one percent of our water is drinkable the rest is in oceans or locked up in ice. As the earth's population increases so does the demand for water in the home, in the energy consumed in business, and to generate our power. Approximately 40 percent of our water supply is used in cooling towers to generate electricity used in homes and business and some 35 percent of this energy is used in treating our wastewater. As food demand rises so does the amount of water needed to grow crops. In theory water is used and returned to the ground and used again but with increasing urbanization water is often trapped and unable to return to the ground water supply. Due to the fact that water is being bottled and transported an estimated 6 billion gallons of it goes unaccounted for every day due to leakage, poor accounting, and unbilled consumption. The simple fact of the matter is that if we are to enjoy the water we have today we will need to be more efficient in the way that we use it.

The easiest way to do this is just to use less, but effort can be made in just changing the efficiency in which we use it. Updating appliances such as older HVAC and water heating units, fixing leaks or drips in the house, and using native plants in the garden that require fewer resources can save around 3 trillion gallons of water a year. If we were to simply replace all the high flush toilets we could save 2 billion gallons a day. It's important to remember that although water will always be here, there is in fact only so much of it and the more that we consume the less we will have readily available to us and water is one of the few things that we truly can not live without.

Midwest Environmental Services provides a wide variety of services in the field of environmentally responsible waste management include water and wastewater recycling and treatment. For more information visit our website at www.midwestenvironmentalservices.com or contact us by phone at 812.358.5160.

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