



Manistee County Board of Commissioners

Manistee County Courthouse • 415 Third Street • Manistee, Michigan 49660

CHAIRPERSON
Jim Krolezyk
VICE-CHAIRPERSON
Ken Hilliard

Duane Anderson
Ervin Kowalski
Glenn Lottie
Carl Rutske
Richard Schmidt

CLERK

Marilyn Kliber
(231) 723-3331

CONTROLLER/ADMINISTRATOR

Thomas Kaminski
(231) 398-3500

MANISTEE COUNTY GREEN TEAM/RECYCLING COMMITTEE

Friday, March 4, 2011
1:00 P.M.

Manistee County Courthouse & Government Center
Board of Commissioners Meeting Room

AGENDA

- 1) Review Bids for LED Lighting Project
- 2) Future of Recycling Program
- 3) Battery & Lightbulb Recycling
- 4) Energy Star Partner (APPENDIX A)
- 5) EPA WaterSense "Fix a Leak Week" (March 14-20, 2011) (APPENDIX B)
- 5) Other Items from Committee Members
- 6) Adjournment

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APPENDIX A



Manistee County Board of Commissioners

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February 11, 2011

Ms. Jean Lupinacci
Director, ENERGY STAR Commercial & Industrial Branch
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, NW (6202J)
Washington, DC 20460

Dear Ms. Lupinacci:

With this letter, Manistee County joins ENERGY STAR as a Partner, and makes a fundamental commitment to protect the environment through the continuous improvement of our energy performance. We believe that an organization-wide energy management approach will help us enhance our financial health and aid in preserving the environment for future generations. In partnership with ENERGY STAR, we will:

- Measure and track the energy performance of our organization's facilities where possible by using tools such as those offered through ENERGY STAR,
- Develop and implement a plan consistent with the ENERGY STAR Energy Management Guidelines to achieve energy savings,
- Help spread the word about the importance of energy efficiency to our staff and community,
- Support the ENERGY STAR Challenge, a national call-to-action to help improve the energy efficiency of America's commercial and industrial buildings by 10 percent or more, and
- Highlight our achievements with recognition offered through ENERGY STAR.

We understand that our commitment to measure, track, and improve the energy performance of our organization is supported by the resources and tools offered through ENERGY STAR. In addition, we understand that we will be recognized on the ENERGY STAR web site as a Partner and as a supporter of the ENERGY STAR Challenge. To be eligible for additional recognition, we will share with EPA our progress and milestone achievements. As a Partner, we agree to follow all applicable terms and conditions governing the use of the ENERGY STAR logos, which are registered trade and service marks.

Manistee County looks forward to our partnership with ENERGY STAR.

Sincerely,

Jim Krolczyk
Chairman, Manistee County Board of Commissioners
Manistee County

EPA WaterSense "Fix a Leak Week"

March 14-20, 2011

Did you know that an American home can waste, on average, more than 10,000 gallons of water every year due to running toilets, dripping faucets, and other household leaks? That's enough to fill a backyard swimming pool!

Nationwide, more than 1 trillion gallons of water leak from U.S. homes each year, which is equivalent to the annual water use of Los Angeles, Chicago and Miami combined. That's why WaterSense reminds Americans to check their plumbing fixtures and irrigation systems each year during Fix a Leak Week.

The Facts on Leaks:

- 10% of homes have leaks that waste 90 gallons or more per day.
- Common types of leaks found in the home include leaking toilet flappers, dripping faucets, and other leaking valves. All are easily correctable.
- Fixing easily corrected household water leaks can save homeowners more than 10% on their water bills.
- Keep your home leak-free by repairing dripping faucets, toilet valves, and showerheads. In most cases, fixture replacement parts don't require a major investment and can be installed by do-it-yourselfers.
- The vast majority of leaks can be eliminated after retrofitting a household with new WaterSense labeled fixtures and other high-efficiency appliances.

Leak Detection:

- A good method to check for leaks is to examine your winter water usage. It's likely that a family of four has a serious leak problem if its winter water use exceeds 12,000 gallons per month.
- Check your water meter before and after a two-hour period when no water is being used. If the meter does not read exactly the same, you probably have a leak.
- One way to find out if you have a toilet leak is to place a drop of food coloring in the toilet tank. If the color shows up in the bowl within 15 minutes without flushing, you have a leak. Make sure to flush immediately after this experiment to avoid staining the tank.

Faucets and Showerheads:

- A leaky faucet that drips at the rate of one drip per second can waste more than 3,000 gallons per year. A home with WaterSense labeled toilets could use that water to flush for six months!
- Leaky faucets can be reduced by checking faucet washers and gaskets for wear and replacing them if necessary. If you are replacing a faucet, look for the WaterSense label.
- A showerhead leaking at 10 drips per minute wastes more than 500 gallons per year. That's enough water to wash 60 loads of dishes in your dishwasher.
- Most leaky showerheads can be fixed by ensuring a tight connection using pipe tape and a wrench.

Toilets:

- If your toilet is running constantly, you could be wasting 200 gallons of water or more every day.
- If your toilet is leaking, the cause is most often an old, faulty toilet flapper. Over time, this inexpensive rubber part decays, or minerals build up on it. It's usually best to replace the whole rubber flapper - a relatively easy, inexpensive do-it-yourself project that pays for itself in no time.
- If you do need to replace the entire toilet, look for a WaterSense labeled model. If a family of four replaces its older, inefficient toilets with new WaterSense labeled ones, it could save more than 16,000 gallons of water per year. Retrofitting the house could save the family approximately \$2,000 in water and wastewater bills over the lifetime of the toilets.

Outdoors:

- An irrigation system should be checked each spring before use to make sure it was not damaged by frost or freezing.
- An irrigation system with pressure set at 60 pounds per square inch that has a leak 1/32nd of an inch in diameter (about the thickness of a dime) can waste about 6,300 gallons of water per month.
- To ensure that your in-ground irrigation system is not leaking water, consult with a WaterSense irrigation partner who has passed a certification program focused on water efficiency.
- Check your garden hose for leaks at its connection to the spigot. If it leaks while you run the hose, replace the nylon or rubber hose washer to ensure a tight connection to the spigot using pipe tape and a wrench.

WaterSense is a partnership program sponsored by the U.S. Environmental Protection Agency. Its mission is to protect the future of our nation's water supply by promoting and enhancing the market for water-efficient products and services. Currently, there are 34 WaterSense labeled flushing urinals, 81 WaterSense labeled showerheads, 559 WaterSense labeled toilets, 1,912 labeled faucets and faucet accessories, and 959 certified irrigation partners. WaterSense labeled products must achieve independent, third-party testing and certification to prove they meet EPA's rigorous criteria for efficiency and performance.

For more information, statistics, educational materials, publications and helpful ideas, visit www.epa.gov/watersense.