



# MRF TURF Winter 2009

For more information  
call Recycling Center  
920-683-4333

Or visit

[manitowocrecycles.org](http://manitowocrecycles.org)

## In this Issue

2008 Drug Disposal Results . . . . .	Page 1
Electronics— A Solid Waste Concern . . . . .	Page 2
Electronics Fees . . . . .	Page 3
Earth Day 2009 . . . . .	Page 3

## Compost Site & Recycling Center Hours

**Basswood Road Compost Site**  
 Mon—Fri 7am—4pm Sat 8am—Noon

**Recycling Center Main Office**  
 Monday—Friday 7am—4pm

## **Manitowoc County Drug Disposal Programs—2008 Results**

In 2008 six Pharmaceutical collections were held in Manitowoc County.

- Locations:
- April UW Manitowoc—Earth Day Event
  - May Kiel Garage—Clean Sweep 2008
  - Aug TR Community House—Community Care Days
  - Sept Maribel Community Center
  - Oct Expo—Crime Prevention Day
  - Dec Two Rivers Community House

### COLLECTION RESULTS

542 Participants  
 representing  
 640 Households

819lbs of Uncontrolled Substances Collected

This includes pharmaceuticals, over the counter medications, & vitamins.

15,167 Controlled Pills Collected

102 Patches Collected

93 Vials Collected

This includes Vicodin, OxyContin, Fentanyl, Morphine and others.

The following agencies were instrumental in the success of the 2008 Drug Disposal Programs:

**Manitowoc County:** Dept of Public Works, Aging Resource Center,  
 Solid Waste Committee, Recycling Center, Public Health Department,  
 Metro Drug Unit, Pharmacy Task Force and the Department of  
 Agriculture, Trade and Consumer Protection.



## Community Environmental Education Opportunities

**Conservation Lobby Day** in Madison WI Feb 25th

**EARTH DAY 2009** April 28th 10a-2p UW Manitowoc

### **Woodland Dunes Happenings**

- Now—April 9th—Thurs Eves—Learn about 70 Birds
- Guided Naturalist Night Hike—Feb 5th—6:30p
- Maple Syrup Moon—March 27th—6:30p
- Uncommon Facts about Common Birds—April 17th
- Midwest Sandhill Crane Count—April 18th—5:30p

### **‘The Natural Step: For Communities’**

Call 686-6980 or email [tprigge@manitowoc.org](mailto:tprigge@manitowoc.org)

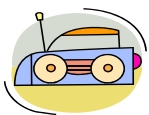
### **How waste is handled in Manitowoc County?**

**What does the MRF do?**

**How can I recycle better?**

Call 683-4333 to schedule a presentation and/or tour.

**MRF Mission Statement:** To provide materials recycling and recovery services to the citizens of Manitowoc County and to keep the public informed about recycling issues.



# ELECTRONICS—A Solid Waste Concern



Some methods of protecting the environment are expensive and not always reliable, but recycling is really a good one. Electronics waste recycling can significantly reduce the waste and provide materials for new electronics, which is great for the environment, reducing the pollution.



Electronic equipment has become a mainstay of our American way of life. In one way or another, it is an integral part of everything we do and own: TVs in our homes, GPS's in our cars, cell phones and MP3 players in our ears, blackberries and video games in our hands, and computers in our laps and on our desks. The electronic industry generates nearly \$2 billion a year, and it's no small wonder. Americans own nearly 3 billion electronic products.

For each new product that comes along, one or more becomes outdated or obsolete. Consequently, we're storing or discarding older electronic products faster than ever. In 1998, studies estimate about 20 million computers became obsolete in one year. In 2005, the Environmental Protection Agency (EPA or the Agency) estimates that between 26-37 million computers became obsolete. Along with computers, TVs, VCRs, cell phones, and monitors—an estimated 304 million electronics—were removed from US households in 2005, with about two-thirds of those still in working order, according to Consumer Electronics Association (CEA) estimates.

Although used electronics represent less than two percent of the municipal solid waste stream, if we continue to replace old or outdated electronic equipment at our current rate that percentage will likely grow. In 2005, used or unwanted electronics amounted to approximately 1.9 to 2.2 million tons. Of that, about 1.5 to 1.8 million tons were primarily disposed in landfills, and only 345,000 to 379,000 tons were recycled.

Recognizing the need to find better end-of-life management for these products, EPA has been working with stakeholders to help improve awareness of the need for recovery of electronics and access to safe reuse and recycling options. State and local governments, manufacturers, and retailers, who are already aware of the pressing need to better manage these materials, are providing more opportunities to recycle and reuse this equipment. At least seven states ban some electronics from landfills, and four have instituted recovery programs. Many other states are considering some sort of legislation to manage used electronics. Over 800 communities have instituted electronics collection events to help manage obsolete electronics from households. Many computer manufacturers, TV manufacturers, and electronics retailers offer some kind of take back program or sponsor recycling events.

**In 2005 . . . 1.9 – 2.2 million tons obsolete 1.5 – 1.8 million tons disposed 345,000 – 379,000 tons recycled**  
Source: EPA Website/Fact Sheet (revised July 2008)



Electronic recycling helps recover reusable raw materials, conserves limited landfill space, and creates jobs. Environmentally, recycling electronics prevents the leaching out of heavy metals into our ground and water. These materials can cause a number of health problems in humans and wildlife. The improper disposal of electronics needs to garner serious concern.

The Manitowoc County Recycling Center accepts electronics year-round. This includes computer, audio/video equipment, microwaves, batteries, ballasts and light bulbs. Fees may be charged and are noted on the next page. Recently media outlets have focused on improper recycling of electronics and its effects on third world country's. Residents of Manitowoc County can have confidence that what they bring in for proper disposal is handled safely and recycled properly. The following companies are utilized for the electronics brought into the MRF for recycling:

- |                         |                                                |
|-------------------------|------------------------------------------------|
| Bulbs—                  | Lamp Recyclers                                 |
| Rechargeable Batteries— | Rechargeable Battery Recycling Corp            |
| Disposable Batteries—   | ToxCo                                          |
| Electronics—            | 5-R Processors                                 |
| Cell Phones—            | Manitowoc Domestic Violence Center (if usable) |

## MRF Electronic Collections

Collected in 2008

**75,704 lbs**

Collected since 2004

**256,047 lbs**

**For More Information on Electronic Recycling and other types of recycling visit: [www.manitowocrecycles.org](http://www.manitowocrecycles.org)**

# MANITOWOC COUNTY RECYCLING CENTER ELECTRONIC COLLECTION FEES

## Guidelines

- ◆ Do not break bulbs they should remain intact.  
A separate fee will be charged for broken glass.
- ◆ It is advisable to tape the terminals of batteries for safety.
- ◆ Call ahead if bringing in lots of items or items that are especially heavy, such as photocopiers and large screen TV's.

## Fees

<u>Item</u>	<u>Cost</u>
Computer Monitors, Computer Processors, Televisions, Microwaves	\$10.00 each
Other Electronics	\$0.25 per pound
Batteries	FREE
Ballasts—Non PCB	\$0.55 per pound
Ballasts—PCB	\$0.88 per pound
Fluorescent Bulbs—4ft & under	\$0.30 each
Fluorescent Bulbs—over 4ft	\$0.40 each
Compact Fluorescent Bulbs	\$0.30 each
Incandescent, Flood, and Spot Light Bulbs	\$0.20 each
High Intensity Discharge Bulbs	\$1.25 each



National  
Collegiate  
Recycling  
Competition

RecycleMania is a friendly competition and benchmarking tool for college and university recycling programs to promote waste reduction activities to their campus communities. Over a 10-week period, schools report recycling and trash data which are then ranked according to collection totals based on per capita. The 2009 competition is underway with our local colleges participating!!

**Lakeshore Technical College**  
**Silver Lake College**  
**UW Manitowoc**

Each school has chosen the Waste Minimization category competing nationally, but also creating a local competition that will wrap up at the Earth Day event. All three colleges are collaborating to plan and implement our community Earth Day event.

**Waste Minimization:** Schools compete to see which produces the least amount of municipal solid waste (both recyclables and trash) per person. This competition is intended to reward those schools that generate the least amount of combined waste and recyclables, emphasizing reuse and source reduction over recycling.

## IMPORTANT NOTICE

Due to budget constraints at the State level many important Solid Waste and Recycling grant programs are frozen at this time. Most of these funds are derived from land fill tipping fees and designated for programs and services that properly dispose of various Solid Wastes.

Clean Sweep 2009 is one of the services affected. Manitowoc County will still offer a Clean Sweep program on May 16th. Details of this years Clean Sweep program will be finalized when we receive word from the State with regards to funding. This information is expected to be in March.

If you would like to share your concerns about maintaining the funds earmarked for proper disposal of solid wastes please contact your representatives.

**You Can Help**—Call or email your representative:

**Representative Bob Ziegelbauer** call: 888-529-0025

Email: rep.ziegelbauer@legis.wisconsin.gov

**Representative Ted Zigmunt** call: 608-266-9870

Email: rep.zigmunt@legis.wisconsin.gov

**Senator Alan Lasee** call: 608-266-3512

Email: sen.lasee@legis.wisconsin.gov

**Senator Joe Liebham** call: 608-266-2056

Email: sen.leibham@legis.wisconsin.gov

## Manitowoc County Event

**April 18, 2009 10am—2pm**  
**UW Manitowoc**

### ACTIVITIES

Wind Energy  
Presentation  
Nature Hike  
Community  
Rummage Sale  
Recycled Art Project  
Ground Water Testing

### COLLECTIONS

Pharmaceuticals  
Mercury  
Batteries  
Tennis Shoes  
CFL's  
Plastic Bags  
Ink Cartridges

### Participants

Art & About  
Bay Lakes EcoWater  
Cartridge World  
Discovery Farms  
Glacial Lakes Conservancy  
Go Green Manitowoc  
GreenSky Energetics  
Lakeshore Basin Educator  
Lakeshore Natural Resources Partnerships  
Lakeshore Technical College  
League of Conservation Voters  
Loon Watch  
Manitowoc Farmers Market  
Manitowoc Co Lakes Association  
Manitowoc Co Recycling Center  
Manitowoc Public Utilities  
Orion Energies  
Rolling Acres Native Landscaping  
Silver Lake College  
UW Manitowoc  
Walmart  
WI DNR  
WI Maritime Museum  
Wild Ones  
Woodland Dunes Nature Center

**EARTH DAY 2009**  
WWW.EARTHDAY.NET

## Manitowoc County Recycling Center

3000 Basswood Road P.O. Box 351

Manitowoc, WI 54220-0351



**Manitowoc County Recycling Center**  
3000 Basswood Road,  
Manitowoc, WI 54220  
Phone: 920-683-4333  
Fax: 920-683-5030  
[www.manitowocrecycles.org](http://www.manitowocrecycles.org)

### Residential Drop Off

You can drop off the following materials for recycling:

**Plastic Bottles, Tin and Aluminum Cans, Glass Bottles,  
Magazines, Newspaper, Cardboard, Paper.**

Please call the Recycling Center if you have questions regarding where to recycle other materials or visit [www.manitowocrecycles.org](http://www.manitowocrecycles.org) for a complete list.

**BE GREEN  
AND SAVE US  
SOME GOLD!**

Instead of receiving a mailed copy of the MRFTURF you can receive it by email as a PDF.

Email [bobbischuetze@co.manitowoc.wi.us](mailto:bobbischuetze@co.manitowoc.wi.us) with your name, email, and mailing address so we can make the switch.

Congratulations to Woodland Dunes on making the switch and winning a Compost Bin!

**Thank you for your consideration!**

*The Manitowoc County Recycling Center is managed and operated by Holiday House of Manitowoc County Inc.  
Serving people with disabilities since 1957.*

