

More **e**-cycling opportunities!

...in Richland County, MT

The Richland County Solid Waste Department has joined the "E-erase your E-waste" team to expand electronics recycling in the county. The Solid Waste Department will be helping to collect e-waste during the month of August at Richland County Public Works (county shop), 2140 W Holly Street, in Sidney to accommodate those residents unable to participate in the Sept. 5-6 community E-erase your E-waste event.

Collection days and times at the county shop site are:

Every Thursday in August

11 am to 2 pm

2140 W. Holly, Sidney, MT

We're sorry, but any discounts being offered at the September community collection event will NOT be available for these alternative collections. That means the cost to those e-cycling their items at the county shop will remain 40 cents per pound.

Our thanks to the Solid Waste Department for providing this service to local residents interested in recycling their obsolete electronics to preserve our environment!

...through manufacturers

Not everyone interested in recycling their old electronics can make a weekend recycling event. And as interest in e-cycling has grown, a number of new programs have arisen, at least for computers. Companies like Dell, Gateway and Apple all have recycling options for their customers, although the requirements can vary.

Typically those larger computer manufacturers allow their customers to return their old computers for **free**, but participants in some programs must pay shipping charges and abide by specific packaging instructions. In some instances, manufacturers may apply discounts to new computer purchases made by their customers returning old computers. A few manufacturer recycling websites include:

www.dell.com

www.gateway.com

www.apple.com

In addition, some larger electronics retailers, such as Best Buy, have pilot programs providing free electronics recycling at selected stores. If successful, the company may expand the program nationwide. For more info:

<http://www.bestbuy.com/recycling>

e-rase your **e**-waste!

New electronic recycling issues ...and online resources

Television Digital Conversion:

TVs are set to go digital in Feb. 2009. Find out more about the process and proper disposal of your old analog sets at:

www.dtv2009.gov

www.epa.gov/e-Cycling/tv-convert.htm

CFLs (Compact Fluorescent Lights):

These new household bulbs are big energy savers, but also contain mercury. While some large stores like Home Depot have recycling programs, many do not. Find out how and where to properly dispose of them at:

www.epa.gov/epaoswer/hazwaste/id/univwast/lamps/index.htm

www.epa.gov/epaoswer/hazwaste/id/univwast/lamps/index.htm

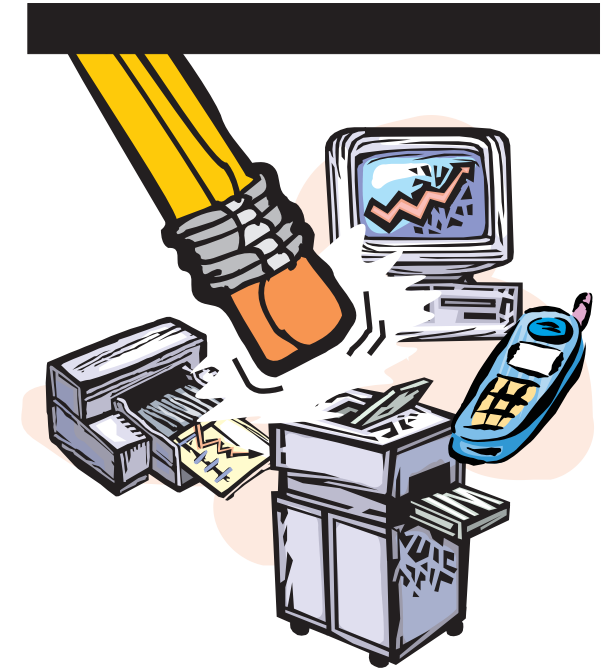
Additional energy saving information is also available at:

www.epeat.net

www.energystar.gov

www.mygreenelectronics.org

The artwork for this brochure was developed by USDA-ARS in Sidney, MT, to promote its first e-cycling event held in the Spring of 2005. To encourage others to e-cycle, it is made freely available to individuals and organizations interested in adapting it for their own events. For more information, contact Jackie Couture at Jackie.Couture@ars.usda.gov



e-rase your **e**-waste!

Sidney, MT - Sept. 5-6
Williston, ND - Sept. 5-6

**Join us for our second,
cross-border, cooperative
event to safely recycle
unwanted electronics!**

Event Coordinators:

**Richland Co. LEPC, ROI, and USDA-ARS in Sidney,
with help from CERT and Richland Co. Health Dept.
Upper Missouri District Health Unit in Williston**

e-cycle!



e-erase your e-waste at our **cooperative** community e-cycling event!

e-waste is a popular, informal name for electronic products nearing the end of their "useful life." Computers, televisions, VCRs, stereos, copiers, mobile phones and fax machines are common electronic products that make up one of the fastest growing segments of our nation's waste stream.

Because of the heavy metals and other toxic substances contained in electronic products, and increasing concern for their impact on the environment, members of the Richland County (MT) Local Emergency Planning Committee; Richland Opportunities, Inc. and USDA-ARS Northern Plains Agricultural Research Laboratory in Sidney joined together to conduct their first annual community-wide e-cycling event in 2005, only the second such event held in the state.

Now in its fourth year, the Sidney "e-erase your e-waste" event has collected more than **36,181 lbs.** of electronic waste for recycling/reuse over the past three years and, equally important, has inspired other communities to establish their own e-cycling events, Williston, ND among them. Organizer's of Williston's first event last year collected more than **11,000 lbs.** of electronic waste

This year, Sidney and Williston are hosting their second joint e-cycling event on **Friday and Saturday, Sept. 5-6 (in both communities)**. The Williston event is being coordinated by the Upper Missouri District Health Unit with organizers in both communities using the same Wyoming recycling company, **Tatooine Electronic Systems, Inc.**, and sharing education and publicity materials.

SIDNEY, MT

Fri. & Sat., Sept. 5-6, 2008

USDA-ARS Northern Plains Ag Research Lab
1500 North Central Avenue

Times:

Fri: 8 a.m. - 6 p.m / Sat: 8 a.m. - 1 p.m.

Cost:

40 cents/lb. (Discounts may be available.)

Contacts:

Jackie Couture - 406-433-9422
Cindy Eleson - 406-488-3341

WILLISTON, ND

Fri. & Sat., Sept. 5-6, 2008

Wal-Mart Supercenter
4001 2nd Ave. West

Times:

Fri: 8 a.m. - 6 p.m / Sat: 8 a.m. - 1 p.m.

Cost:

40 cents/lb. (Discounts may be available.)

Contacts:

Dan Saint - 701-774-6408
Upper Missouri District Health Unit

e-cycling

Sidney & Williston

What can I bring?

"E-waste" refers to a wide range of electronic products. Examples include:

- Computers and Components
- Cell phones and Fax machines
- TVs and VCRs
- Copiers
- Stereos
- Other specialized electronic equipment used in hospitals, law enforcement, manufacturing and even the oil fields.

Microwaves and vacuums are also acceptable, although not other appliances.

What will it cost?*

For this special event, our e-cycler, Tatooine Electronic Systems, Inc., will charge 40 cents per pound for all eligible e-waste items. That means a typical desktop computer, weighing around 70 pounds, will cost about \$28.00 to recycle. **However**, donations from local businesses and organizations are expected to discount this cost for many of our "e-erase your e-waste" participants. Please watch for details in your local media.

** Please note: E-waste in Montana and North Dakota is not yet regulated and in many instances can legally be disposed of in any landfill, although some do charge a fee, including Williston's. However, many individuals and businesses opt for e-cycling where available to eliminate toxic substances from entering landfills.*

e-waste

Why recycle?

- 133,000 PCs are discarded each day in U.S. and 130 million cell phones retired each year.
- As little as 1/70th of a teaspoon of mercury can make the fish in a 20-acre lake unfit to eat. It would take **less than 5 1/2 cups** of mercury to make all of the fish in Lake Sakakawea unfit to eat.
- E-waste contains several hazardous chemicals and heavy metals significantly affecting human health, among them lead, mercury, cadmium and brominated flame retardants (BFRs).
- Already, consumer electronic products account for more than 40 percent of the lead found in landfills. Since 2005, Richland County residents have kept 3,189 lbs. of lead and .077 lbs of mercury out of our local landfill by recycling their e-waste!
- Obsolete computers will soon account for more than one billion pounds of lead, 1.9 million pounds of cadmium, 1.2 million pounds of chromium, and nearly 400,000 pounds of mercury.
- Montana e-waste collections now total 928,200 lbs or 464.10 tons!

