

# What We Recycle

MONITORS  
CRT AND LCD WORKSTATIONS  
TOWER COMPUTERS  
LAPTOPS  
LAPTOP BAGS  
SMALL APPLIANCES  
DESKTOP COMPUTERS  
FAX MACHINES  
SCANNERS  
CAMERAS  
PHONE SYSTEMS  
PDA'S  
CAMCORDER  
CAMERAS  
CELL PHONES  
TYPEWRITERS  
EXTERNAL DRIVES  
CALCULATORS  
ROUTERS  
VCR/DVD PLAYERS  
BACK UP POWER SUPPLIES  
PRINTERS  
KEYBOARDS  
MICE (Not the cute squeaky ones!)

BATTERIES  
ALL CABLES  
CORDS  
PROJECTORS  
SPEAKERS  
CABLE  
SATELLITE EQ

Recycling Fundraiser Facilitated By:

## Computer Recyclers of Michigan

32295 Stephenson Highway  
Madison Heights, MI 48071

Tel 248-705-6174

Fax 248-498-6102

Email [info@crmgreen.com](mailto:info@crmgreen.com)

[http://www.macombcountymi.gov/macomb\\_gov/documents/ComputerRecyclersofMichigan.pdf](http://www.macombcountymi.gov/macomb_gov/documents/ComputerRecyclersofMichigan.pdf)

## E Waste Michigan-

HARD DRIVES ARE DESTROYED ON SITE OR WIPED TO DOD REQUIREMENTS.

ON OCCASION, IF A PRODUCT CAN BE REFURBISHED, WE WILL SEND IT BACK TO ONE OF OUR NON PROFITS TO BE SOLD OR DONATE EQUIPMENT TO A NEEDY CHURCH OR SCHOOL.

Grissom Ecology Club

35701 Ryan Road  
Sterling Heights, MI 48310  
(586) 825-2560



# Grissom Ecology Club



## Electronic Recycling Day

February 2, 2012  
4:30pm – 6:30pm

Turn in all items to  
Grissom Middle  
School Gym

Donation:  
Only \$5  
per carload



## Why Should You Recycle?

Our increased reliance on personal technology—laptops, cell phones, PDAs, computer monitors, printers—has resulted in vast quantities of garbage in landfills and incinerators that could have been reused or recycled. Less than 10% of discarded computers are currently recycled and most are improperly thrown into the garbage. Your personal computer may contain up to 1,000 toxins that can cause damage to the nervous system, the brain, the kidneys, and can cause birth defects and cancer. A typical computer monitor alone contains 4 to 8 pounds of lead.

If Americans recycled the more than 100 million cell phones that are no longer used, the amount of energy saved would be enough to power approximately 24,000 U.S. households for one year.

Some of the materials in personal electronics, such as lead, mercury and cadmium, are hazardous and can release dangerous toxins into our air and water when burned or deposited in landfills improperly. And throwing away metal components, like the copper, gold, silver and palladium in cell phones and other electronics, leads to needless mining for new metals.

Fortunately, there is a solution: returning your used electronics for responsible recycling, rather than throwing them in the trash.

## Interesting Facts!!

- A UN study found that the manufacturing of a computer and its screen takes at least 240 kg (530 pounds) of fossil fuels, 22 kg (48 pounds) of chemicals and 1.5 tonnes of water - more than the weight of a rhinoceros or a car (Kuehr and Williams, 2003).”
- The EPA estimates that 29.9 million desktops and 12 million laptops were discarded in 2007. That’s over 112,000 computers discarded per day!
- In a 2006 report, the International Association of Electronics Recyclers projects that with the current growth and obsolescence rates of the various categories of consumer electronics, (a broader list than the EPA used above, including DVDs, VCRs, mainframes) somewhere in the neighborhood of 3 billion units will be scrapped during the rest of this decade, or an average of about **400 million units a year**.
- In 2008, we generated **3.16 million tons of e-waste in the U.S.** Of this amount, only 430,000 tons or 13.6 % was recycled, according to the EPA. The rest was trashed – in landfills or incinerators. (The total generated increased from 3.01 million tons of e-waste generated in 2007, but the recovery rate stayed at 13.6%.<sup>3</sup>

It is up to  
**YOU**  
to be  
environmentally  
responsible!

When you recycle, you are protecting **your** environment.

**DO NOT DISPOSE OF  
ELECTRONIC MATERIAL  
WITH YOUR REGULAR  
GARBAGE!**



These days, responsible computing means much more than not spreading viruses and not hacking into someone else's system. The e-scrap that results from disposing of your electronics is highly toxic.