

**IMPORTANT!** To ensure that your data isn't stolen from the hard drive when you dispose of a computer the disc should be overwritten. You can do this by obtaining a program that will make the disc unreadable. Inspector e-maxx ([www.pcinspector.de/emaxx/uk/welcome.htm](http://www.pcinspector.de/emaxx/uk/welcome.htm)) meets U.S. military standards. It says no data can be recovered after it is used. It is FREE. Another highly rated program for Windows is Eraser, which is also free. Go to [www.heidi.ie/eraser](http://www.heidi.ie/eraser). For Macs, use SuperScrubber (\$30 at [www.jiva.com](http://www.jiva.com)) Others include System Shield and Drive Scrubber.

For more information on computer reuse/recycling, MAT-EX, Household Hazardous Waste Collection, and other GLOW programs, contact the GLOW office at (585) 344-2580 x5463, or email [glow@co.genesee.ny.us](mailto:glow@co.genesee.ny.us).



*Recycling!  
Feels Great...Less Filling...*

Phone: (585) 344-2580 ext. 5463  
Hotline: (800) 836-1154  
Fax: (585) 345-3061  
Email: [glow@co.genesee.ny.us](mailto:glow@co.genesee.ny.us)

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Printed on Recycled Paper

## Safe and Legal Computer & Electronics Disposal

*GLOW Region Solid Waste  
Management Committee  
Genesee County Building 2  
3837 West Main Street Rd.  
Batavia, NY 14020-9404*



Tel: 585-344-2580 ext. 5463

## Computer Disposal

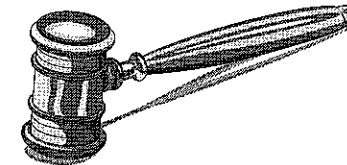
*Advances in computer and electronic technology have improved lives and the ability to access information. These advances have also added a new and large component to the waste stream. As systems are upgraded individuals, businesses and institutions purchase new equipment on an ongoing basis. Millions of computers will be obsolete in the coming years. The discarded equipment must be disposed of legally and properly. The following brochure outlines the options and requirements for disposal of computer components and electronics.*

### HAZARDS

*Computers are composed of not only plastic and silicon, but also heavy metals. These heavy metals include cadmium, lead, and mercury. Cathode Ray Tubes (CRTs) contain high levels of lead. Processors, printers, and other items with printed circuit boards contain lead solder or silver. CPUs normally contain batteries that contain mercury, zinc, or cadmium. These heavy metals have been shown to cause health and environmental damage.*

### LAW

*The U.S. Environmental Protection Agency (EPA) and the NYS Department of Environmental Conservation (DEC) have classified computers and their components disposed of by businesses, institutions, and government as hazardous waste. This means that these materials cannot be disposed of in a conventional landfill or incinerator and must*

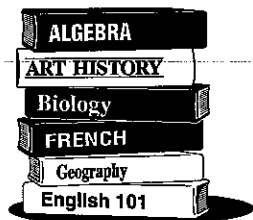


*be handled by a licensed, permitted contractor.*

*However, the DEC has recognized that much of this material has reuse potential. This activity is permitted and in fact is preferable, according to the State's*

*hierarchy of disposal methods.*

# Reuse and Recycling



Schools are one of the many organizations that benefit from reuse of computers

## Reuse

Even though computers become obsolete at an amazing rate, there is still great potential for the reuse of some components. Two organizations in the Rochester/Buffalo/GLOW Region accept materials for this purpose.

These organizations rehabilitate computers for use by non-profit organizations or use them in training programs. GLOW's own MAT-EX: Western/Central New York Materials Exchange has been used successfully to find someone who can use various computers and their components. In addition, various non-profit, senior citizen and other groups are often in need of computers that can perform very basic functions. These organizations normally accept the material at no charge.

Known organizations are as follows:

### **MAT-EX: Western/Central New York Materials Exchange**

GLOW Region Solid Waste  
Genesee County Building #2  
3837 West Main Street Road  
Batavia, NY 14020-9404  
Ph.: (585)344-2580 x5463  
Email: glow@co.genesee.ny.us  
www.mat-ex.org

### **Micrecycle**

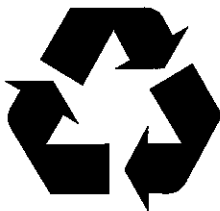
175 Humboldt Street  
Rochester, NY 14610-1039  
Ph.: (585)224-4040  
Email: gfrith@sciencelinkages.org  
www.micrecycle.org

### **Computers for Children**

237 Main Street, Suite 400  
Buffalo, NY 14203-2702  
Ph. (716)843-8880  
Email: cfc@computersforchildren.com  
www.computersforchildren.com

## Recycling

The need to dispose of computers has spawned an industry. There are numerous for-profit companies that deconstruct computers for recycling. They are then melted down and remanufactured into new materials. Many of these companies pull out usable parts for reuse before remanufacturing begins. These companies may or



may not charge the business, institution, or government agency that contracts with them. It is often a case of the type of material being disposed of. In other cases, the materials may be accepted at no charge. In some cases, the vendor will pay for certain materials.

Known recycling companies in the Rochester/Buffalo area are listed below.

### **Certified Document Destruction & Recycling, Inc.**

565 Blossom Road, Suite C  
Rochester, NY 14610-1859  
Ph.: (585)482-9400  
Email: steve@suburbandisposal.com  
www.suburbandisposal.com/doc\_dest.asp

### **EDA (Electronic Data Authority)**

1833 Genesee Street  
Corfu, NY 14036  
Ph. (585) 905-2321  
Email: JEFFSMAIL2004@yahoo.com  
Www.ecyclingcentral.com

### **Maven Technologies, LLC**

1144 Lexington Ave.  
Rochester, NY 14606  
Ph.: (800)609-2435  
Email: phimmler@maventech.com  
www.maventech.com

### **Rochester Computer Recovery & Recycling (RCR&R)**

7383 Victor-Mendon Rd.  
Victor, NY 14564  
Ph.: (888)563-1340  
Email: info@waste.com  
www.rochestercomputer.com

### **Sunnking, Inc.**

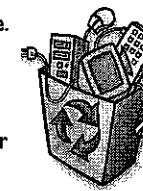
40 Owens Rd. (store at 203 Main St.)  
Brockport, NY 14420  
Ph.: (585) 637-8365  
Email: duane@sunnking.com  
www.sunnking.com

### **Sunnking Associated**

122 Central Ave.  
Lancaster, NY 14086  
Ph. (716) 685-4577

## Residential Computer Disposal

On April 1, 2011 the NYS Electronic Recycling and Reuse Act takes effect. This law requires manufacturers to recapture certain percentages of a comprehensive list of the electronics they produce. They must provide collections in each county and in municipalities over 10,000 and are working with recyclers to achieve



their goals. Eventually it will be illegal of residents and businesses to landfill electronics. GLOW expects to be working with these companies to offer collections. For dates and places of the collections, please call the GLOW Office. These collections are open to all Genesee, Livingston & Wyoming County residents.