

E-waste Recycling



What is E-Waste?

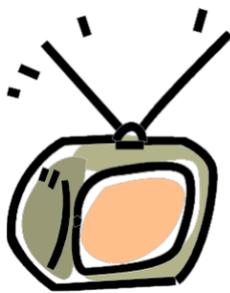
E-waste is electronic waste, electronic products (computers, televisions, cell phones, etc.) that are at or near the end of their useful life.

Why is E-Waste a Concern?

The e-waste stream is growing 2-3 times faster than any other type of waste (US EPA). 4.6 million tons of e-waste ended up in U.S. landfills in 2000. Electronics can contain over 1,000 different materials, many of which are extremely hazardous.

Why Can't E-Waste go to Landfills?

It is illegal in Wisconsin to put many kinds of electronics in trash that is going to a landfill. The hazardous materials in electronics can leach into soil and water. If they are incinerated, electronics can release chemicals into the air and create toxic ash. Not only will landfilling e-waste harm the environment, but many of these chemicals are hazardous to human health as well.

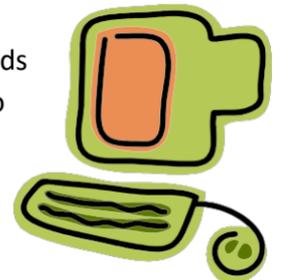


TVs

Older "tube" televisions contain large amounts of lead (some up to 5 pounds). Lead can impact many different systems in the body. Most notably, lead can cause brain damage and impact development in children. Newer, flat panel televisions contain less lead, but have mercury lamps. Mercury is a neurotoxin and can cause severe disabilities.

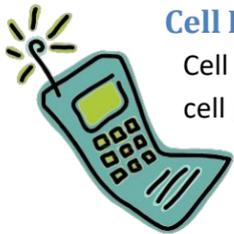
Computers and Printers

Computer cables and wires often contain PVC, which can form dioxin when burned. Dioxins are bioaccumulative compounds that can impact reproduction, cause developmental problems, and cause cancer. Computers and printer cartridges can also contain copper, silica, aluminum, iron, germanium, gallium, tin, barium, nickel, zinc, tantalum, indium, vanadium, terbium, beryllium, europium, titanium, ruthenium, cobalt, palladium, manganese, antimony, bismuth, chromium, cadmium, selenium, niobium, yttrium, rhodium, platinum, arsenic, gold and silver.



Cell Phones

Cell phones can contain over 40 elements as well as PVC (HealthyStuff.Org). Brominated Flame Retardants (BFRs) are also found in cell phones and other electronic devices. BFRs can disrupt hormones, cause cancer, and cause brain damage.



Recycling can help!

Superior residents have several options for recycling electronic waste. Recycling electronics keeps these hazardous materials out of our air and water. Certain charities will take electronics that are still usable or able to be repaired. Some manufacturers and electronic retail locations recycle electronics, in addition to the local facilities listed below. Fees may apply and not all locations take all types of waste.

Local E-waste Recycling Facilities:

AA Roll-off
1201 Garfield Avenue
Superior, WI 54880
(715) 394-4285

www.aarolloff.com

Superior Landfill
107 Moccasin Mike Road
Superior, WI
(715) 398-7222

www.ci.superior.wi.us/landfil

Afterlife Electronics Graveyard
915 John Avenue
Superior, WI 54880
(218) 940-9274

WLSSD Materials Recovery Center
4587 Ridgeview Road
Duluth, MN 55803
(218) 722-0761

www.wlssd.com

For more information, call the **City of Superior – Environmental Services Division of Public Works** at 715-394-0392.

www.ci.superior.wi.us/disposalguide