

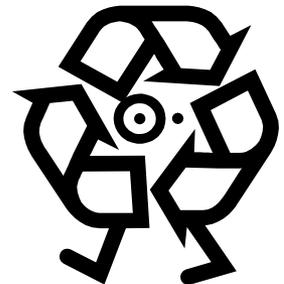
# Business Recycling



Prepared by Charmaine Riddle, Rusk County Recycling Coordinator

# Roles of Recycling Coordinator

- Administer the recycling programs for our RU (Responsible Unit) including 11 residential recycling sites and 5 curbside locations
- Educate and promote recycling
- Enforcement
- Maintain effective recycling program in order to be eligible for State funding



# Garbage Crisis

- We throw away more and more every year
- We are in a hurry – items are made for convenience
- Packaging changes
- Not eating at home
- Recycling markets aren't keeping up with new products
- Many modern products are designed for a short life with a speedy trip to the refuse pile



# Where does our garbage go?

- Picked up by waste hauler
- Taken to Timberline Trail Landfill
- Compacted down by heavy equipment
- Covered & buried
- Generate energy using methane gas from landfill.



# Where does our recycling go?

- Loaded from your business & taken to Timberline Trail in Bruce, WI
- Loaded onto a semi and taken to Recycle America in MN
- Auto sorted and sold to manufacturers
- See how at: [https://www.youtube.com/watch?v=\\_pa\\_ebNcz8c](https://www.youtube.com/watch?v=_pa_ebNcz8c)

**Buy Recycled**  
**Just ask for it !**

# History of Recycling Program in U.S.

- 1987 – The **Mobro 4000** was a barge made infamous for hauling the same load of trash along the east coast of North America from New York to Belize and back until a way was found to dispose of the garbage.



- This focused America's attention on the growing national problem of solid waste management
- In WI, landfill requirements became stricter and many were closing
- In 1990 the WI **Solid Waste** Reduction, Recovery and Recycling Law was enacted
- The law didn't directly require recycling, but banned landfilling certain items.

# Where can I find the recycling law?

- 1989 Wisconsin Act 335
- Chapter 287, Wisconsin State Statutes
- NR 542 to NR 549, Wisconsin Administrative Code
- Rusk County Recycling Ordinance Chapter 40 – Article 2



# Who does the law apply to?

- **Everyone, everywhere, all the time!**
- WI's recycling requirements apply to everyone in the state, at all locations. This includes schools, public places, businesses, special events, homes and apartments.



# The law in a nutshell

1. Established a hierarchy of preferences for solid waste management options
2. Instituted a graduated series of landfill bans



# 1. Hierarchy of preferences for solid waste management options

- Reduction of the amount of solid waste generated
- Reuse of solid waste
- Recycling of solid waste
- Composting of solid waste
- Recovery of energy from solid waste
- Land disposal of solid waste
- Burning of solid waste without energy recovery



## 2. Landfill Bans

- 1991
  - Lead acid batteries
  - Major appliances
  - Waste Oil
- 1993
  - Yard Waste



## 2. Landfill Bans (Cont.)

- 1995
  - Aluminum Cans
  - Corrugated Cardboard
  - Plastics
  - Glass
  - Magazines, Newspaper, office Paper
  - Steel
  - Tires



# Landfill Bans (Residential)

- 2010 (Effective Sept. 1, 2010)
  - Electronics including:
    - Computers and peripherals, fax/copy/scan machines, DVD/VCR/DVR, Video display devices including TV's, laptops, monitors & other video players, printers, and phones with video displays
- 2011
  - Used oil filters



# I'm a business, what do I do?

- Lease a dumpster for garbage
- Lease a dumpster for recycling
- Consider sharing a dumpster with another business to save money and space
- ***Curbside pickup and recycling sites are for residents only!***



# Garbage dumpsters

- In the City of Ladysmith, contact City Hall to lease a garbage dumpster. Monthly fee plus price per pound
- Outside city limits: contract with a licensed waste hauler
  - Waste Management 888-960-0008
  - Express Disposal, Inc 800-440-4990
  - Republic Services 715-234-7744

# Recycling dumpsters

- Available in a variety of sizes
- Frequency of pickup according to need
- Single-sort Recycling
  - No longer need 2 separate dumpsters for cardboard and commingled
  - Single-Sort sticker on dumpsters
- This eliminates one dumpster and saves \$
- Recycling Hauler Contact info:
  - Waste Management 888-960-0008
  - Republic Services 715-234-7744
  - Express Disposal 800-440-4990

# What can I put in my recycling dumpster?

- All items that you would typically recycle at home:
  - Flattened cardboard, magazines, office paper
  - Newspapers, brown bags, junk mail, phone books
  - Paperboard, dairy/soup/broth/juice containers
  - Glass, food metal, aluminum cans
  - Plastic Bottles, Tubs, Lids and Containers 1-5
- No need to sort – it can all go together!

# Local Recycling Opportunities

- Clearwater Paper Mill 715-532-5541
  - Bring used office paper to mill and get paid per ton for it!
  - Immediately placed into hopper to be made into new paper so no need to worry about confidential documents
  - DO NOT want magazines, newspaper, cardboard, paperboard or hard cover books with the cover in place

# Other Local Opportunities

- Rands Disposal, 532-6663
  - Rolloffs
    - Construction & Demolition debris (goes to C/D landfill)
    - Garbage (goes to solid waste landfill)
  - Drop off at Rands for Garbage and C/D waste
    - Charge is according to weight & size – minimum charge is for 3 yards (level pickup load)
    - Great opportunity for when you don't have enough for a dumpster
    - C/D waste must be sorted separately
    - Both businesses & residents can utilize

# Other Local Opportunities

- Timberline Trail

- Garbage

- Tire Recycling

- Appliance Recycling

- DOES NOT ACCEPT BUSINESS RECYCLING HERE

- 715-868-7000



# Recycling Bins

- Clearstream Bins – use clear bags so people can see what is recyclable
  - Frame & Lid \$50 plus tax
  - base is \$20
  - Can be used indoors & outdoors
- Recycling Totes – 18 gal.
  - \$12.29 plus tax

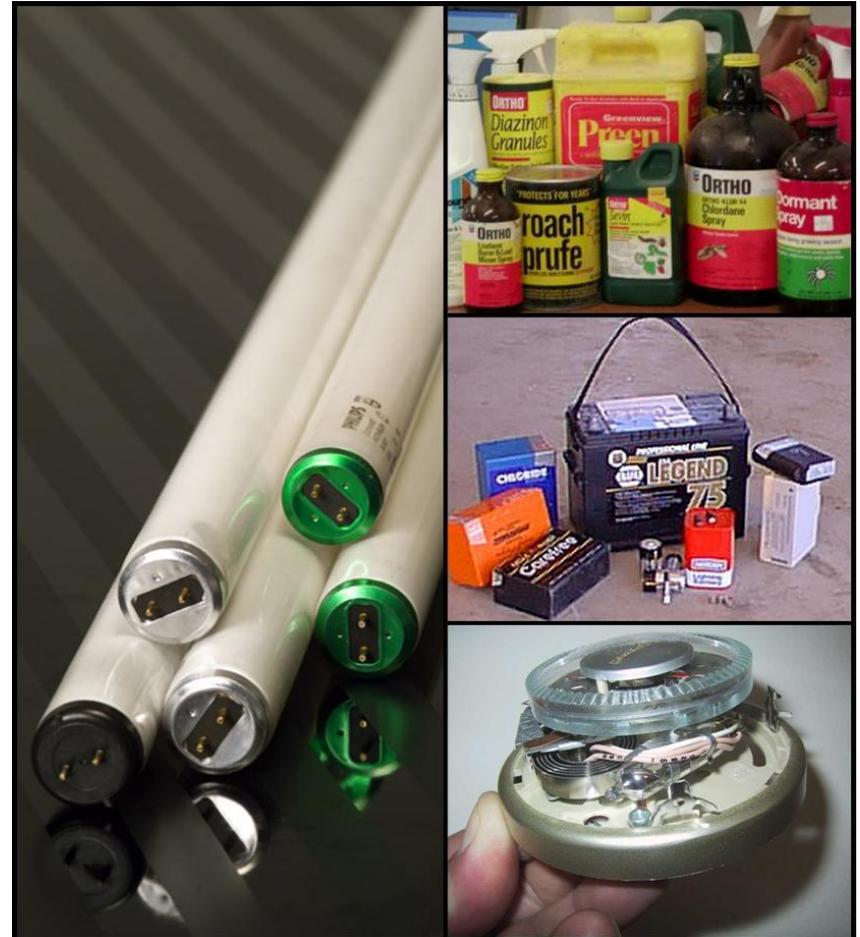


# Check out these websites:

- DNR Business & Recycling Website
  - <http://dnr.wi.gov/topic/Recycling/business.html>
  - How do I handle my waste materials?
  - Recycling & Waste Management publications
- Recycle More Wisconsin
  - <http://www.recyclemorewisconsin.org/>
- WI Recycling Markets Directory
  - Provides information about outlets for recycling of a broad array of materials in Wisconsin and neighboring states
  - [www.wisconsinrecyclingdirectory.com](http://www.wisconsinrecyclingdirectory.com)

# Universal Waste

- Universal wastes are hazardous wastes that contain mercury, lead, cadmium, copper and other substances hazardous to human and environmental health.
- Businesses can't discard in landfills.



# Universal Waste

- Examples of these wastes are batteries, fluorescent tubes, and some electronic devices.
- Either treat as universal waste and recycle it or handle it as hazardous waste.
- Bring to cleansweep!
- [www.call2recycle.org](http://www.call2recycle.org) free program for rechargeable battery recycling

# What to do with fluorescent bulbs?

**Fluorescent bulbs are considered universal waste and cannot be discarded in landfills. Here are some alternatives:**

- Bring them to the annual Cleansweep in June for a low fee
- Ace Hardware now accepts tubular fluorescents for a low fee
- Very small quantities can be taken to Rusk County Recycling. Call for prices.
- NWRPC in Spooner can do a pickup in fall and spring for a pickup charge plus price per bulb. Call 715-635-2197.
- Waste Management, Stericycle and others also have bulb mail back programs.

# Cleansweep

- Annual hazardous waste collection
- Businesses with small quantities need to pre-register by calling NWRPC at 715-635-2197
- Reasonable fees
- NWRPC can do milk runs but there is a pick up charge plus cost of items
- Usually there are additional collections for tires, appliances & electronics

# In Conclusion

- Questions?
- Contact Info:
  - Charmaine Riddle, Recycling Coordinator
  - 311 Miner Ave E, Suite S110
  - Ladysmith, WI 54848
  - 715-532-2167 or [charmaine@ruskcountywi.us](mailto:charmaine@ruskcountywi.us)
  - <http://www.ruskcounty.org/recycling/>