

IOWA WASTE EXCHANGE

The Iowa Waste Exchange (IWE) is the product of a partnership of the Iowa DNR and the Economic Development Authority, with assistance from the Iowa Waste Reduction Center.

Many industries, businesses, and institutions dispose of items and materials that others can use. IWE Resource Specialists help anyone looking to obtain specific items or materials, and match them up with anyone who has items or materials they are looking to give.

Businesses, schools, hospitals, communities and individuals are encouraged to take advantage of the IWE's free, non-regulatory, and confidential services.

IWE Resource Specialists can provide a wide range of assistance:

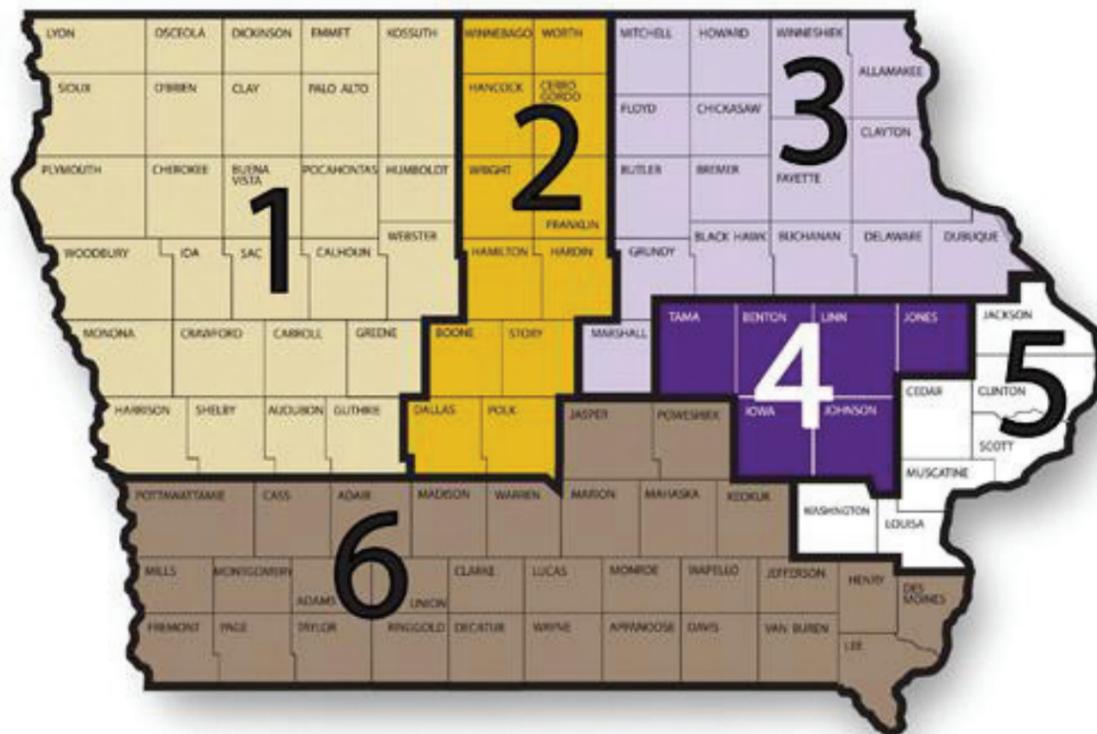
- Identifying viable markets for waste materials. A basic IWE principle – never rule out a waste stream.
- Helping locate and access markets for recyclable commodities.
- Finding environmentally stable solutions for unmarketable waste streams, such as outdated chemicals.
- Drafting and/or reviewing standard operating procedures for handling waste streams.

- Writing waste management grant applications for clients, and reviewing and commenting on client-drafted applications.
- Getting involved in numerous special programs and projects, including participating on recycling committees, in workshops, and at recycling events.

IOWA WASTE EXCHANGE STATISTICS: 2013	
Number of companies assisted (in house)	1,609
Number of companies assisted (on-site)	1,597
Number of material matches	585
Tons of materials matched	74,000
Total cost savings for Iowa companies	~\$2.9 million

IOWA WASTE EXCHANGE STATISTICS: 1990 - 2013	
Number of material matches	12,200
Tons of materials matched	3.3 million
Total cost savings for Iowa companies	~\$80 million

IOWA WASTE EXCHANGE PRIMARY SERVICE AREAS



2013 IWE SUCCESSSES

ORGANIZATIONS BENEFIT FROM EQUIPMENT DONATION

In 2013, Black and Veatch, a company that provides energy, water, telecommunications, and government services made the decision to decommission their facility in Belle Plaine. The facility contained a wide variety of usable equipment, including pressure washers, air compressors, pumps, weather monitoring components, and self-contained breathing apparatus (SCBA) equipment. Moving equipment to an alternate facility or disposing of outdated equipment would be costly, so Black and Veatch contacted the Iowa Waste Exchange to assist with the process.

Alicia Presto, IWE Area 4 resource specialist, worked with a Black and Veatch engineer for several months to identify reuse opportunities in the area. Equipment was donated to several organizations across the state. With each donation, Black and Veatch was able to avoid the cost of moving or disposing of the equipment. In addition, each donation provided usable equipment and cost savings to the receiving organizations.

A generator and air compressor were donated to Coe College in Cedar Rapids to use in their shop. Weather station equipment was donated to Iowa State University in Ames for students and faculty in the Geological and Atmospheric Sciences Department to use during classes. Pumps and SCBA equipment were donated to local governments; pressure washers and air compressors went to a company in central Iowa that recycles used pallets.



FOOD TRAYS FOR RELIEF

Through the cooperative efforts of the IWE, ConAgra Foods and Feed the Hungry, humanitarian workers were provided with 381,466 new food trays for serving meals to tornado victims in Moore, Okla. and food-insecure individuals in Detroit, Mich.

Due to production changes, ConAgra Foods' Council Bluffs plant had 40 pallets of unused plastic food trays available for reuse. Nick Babic, ConAgra manager, reached out to Jim Reimer, IWE Area 6 resource specialist for assistance in finding a new use for the trays.

Feed the Hungry accepted the tray donation to be put to good use in Moore and Detroit. The cooperative efforts of the three organizations not only helped feed individuals in need but also resulted in the use of nearly 10 tons of material.

STUDENT KICKS WASTE OFF THE CURB

When Ankeny Taekwondo student Henry Loch realized just how many new pine boards from his martial arts class were going into the trash, he wanted to make a change and enlisted his father to help. Loch's father researched options and was eventually referred to Shelly Codner, IWE Area 2 resource specialist.

"If someone was willing to take that initiative and responsibility, I thought it was a great idea," Codner stated. "Witnessing Henry's enthusiasm for this project made me determined to make it happen."

After receiving input from Loch on ideas of what could be done with the wood waste, Codner reached out to various woodworkers and builders, and received a reply from Luke Wright, who coincidentally works for the Iowa DNR. Wright used the boards to construct bird houses for various locations throughout the state. Codner and the Lochs have also heard from several other organizations that are interested in receiving boards in the future.

Loch hopes the project will get students interested in recycling. "I think recycling is a very good idea, stated Henry, "throwing good boards in the trash is just a waste."

Left: Donations of equipment to Iowa organizations included SCBA rescue tanks, an air compressor and more.

FOR MORE INFORMATION

To learn more about the IWE and its progress over the past year, go to www.iowadnr.gov/FABA

DNR Contact: Bill Blum • 515.281.8176 • Bill.Blum@dnr.iowa.gov