

2008 Annual Report



WasteCap
NEBRASKA

Staff

Carrie Hakenkamp
Executive Director

Rozz Beckman
Development Director

Chris New
P3 Engineering Intern Manager

April Hilpert-Whitney
Office Manager

Kari Rohren
Special Project Coordinator

Ashley Baltes
Brent Hanson
Kayleigh Peters

Candy Bless
Project Manager

Aaron Price
Research Assistant

P3 Interns

285 South 68th Street Place, Suite 540 , Lincoln, NE 68510

Phone: 402-436-2383 Toll Free: 888-EWASTE9

Fax: 402-434-7375

www.wastecapne.org

WasteCap Nebraska

Business waste is responsible for over 50% of the waste in Nebraska landfills. WasteCap Nebraska is a member based organization dedicated to helping businesses design and adopt environmentally friendly practices that increase their profitability. In 2008, WasteCap Nebraska members recycled 26,514 tons of materials saving over \$404,514 in landfill tipping fees, and through our agreements with recyclers, our members saved over \$100,000 in recycling fees last year.

In 2008, WasteCap Nebraska conducted 11 on-site waste assessments, welcomed 9 new members, and provided outreach visits to member businesses in communities across Nebraska.

WasteCap Nebraska member businesses benefit not only from their cost savings and involvement in environmental stewardship activities but also from the education and networking opportunities WasteCap provides. Services provided include:

- On-site technical assistance
- Volume tracking
- Market research
- Educational workshops and training

Another Bright Idea

To encourage the use of energy-saving CFLs in Nebraska households and businesses, WasteCap Nebraska, with funding provided by the Nebraska Environmental Trust, partnered with OPPD, City of Omaha, Omaha Public Library, City of Lincoln, and QP Ace, Wolfe and Baker Ace Hardware to create a network of drop off sites for old CFL bulbs to be recycled. The "Another Bright Idea" Pilot Program, which ran from September through November, allowed homes and businesses in the Lincoln and Omaha area to recycle their used CFL bulbs at various locations around the city. The goals of a pilot CFL Recycling Program included testing the feasibility of establishing a network of hardware stores to

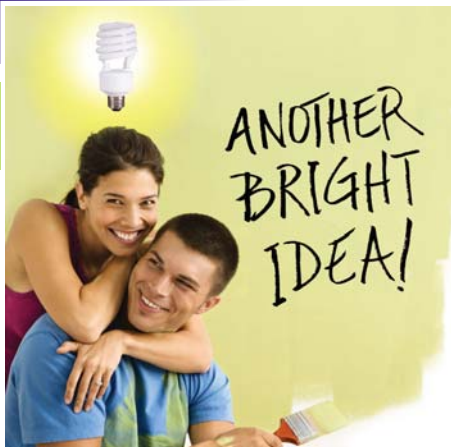


Keep Nebraska Beautiful receives donations collected during Shred Day

- Economic cost/benefit analysis
- Electronic recycling collections
- Universal waste management
- Contract negotiation and monitoring services
- Cooperative marketing of recyclables
- Program evaluation/benchmarking

Educational Events

During 2008 WasteCap held several events with the goal of educating the attendees. The events were: Universal Waste Lunch & Learn in Columbus and Norfolk, Greening Your Office 101 in Lincoln, Projecting a Professional Presence in Lincoln, and a Talk & Tour at the University of Nebraska Medical Center. These events educated 112 attendees including WasteCap business members, board members, staff, and community members.



take back fluorescent bulbs from the public; and to obtain information on the quantity of bulbs recycled and the cost to collect and recycle the bulbs.

The program also implemented a public education aspect by using multiple methods of recycling education and advertising. In

Assessments

In 2008, WasteCap Nebraska employees performed eleven company-recycling assessments. Three of these companies became members of WasteCap NE. During 2008, a total of eighty-one recycling suggestions were made to all of the assessed companies. On average nearly 8 recommendations were given per company.

These recycling suggestions range from implementing recycling programs with local and national recycling providers, advising recommendations for training employees and janitorial staff to implement programs, to encouraging increased networking with service providers handling recycling and trash to establish baselines. Sixty-six were direct recommendations that if implemented would decrease or eliminate a particular waste stream.

In 2008, forty-seven recycling companies were recommended by staff in total; on average five companies were recommended to the eleven companies assessed during this time period. The targeted solid waste reduction suggestions targeted a total of forty-seven common waste materials.

The assessments conducted in 2008 identified 4 companies who could experience measurable savings from implementing recycling programs. The total estimate these 4 companies could save is \$25,272.00 or nearly \$6,318.00 per company.

order to monitor bulb collection numbers in comparison to publicity methods, each media design, print, radio, and television, was implemented separately. Throughout the entire pilot period WasteCap Nebraska advertised the program on the "Another Bright Idea" website, which could be found by a link from the WasteCap Nebraska home site and partnering sites.

The success of the program brought in a total of 630 CFL bulbs and 84 linear bulbs, for a total of 717 bulbs, all recycled by Retrofit Recycling of Minnesota. Due to the pilot's successful response, the program was approved for continued use and expansion throughout the state.

Finishing Technologies

The WasteCap Nebraska Finishing Technologies Certification program was developed to instruct members of the surface coating industry using state-of-the-art technology. This hands-on training is vital to assist spray paint technicians in improving their skills. The VirtualPaint™ system designed by the Iowa Waste Reduction Center allows technicians to understand, practice, and become proficient with these techniques without the expense related to traditional paint booth training.

The WasteCap Nebraska Finishing Technologies Certification program will offer training throughout the state with technicians receiving a 5-year certification. All instruction will be conducted by experienced members of the surface coating industry. This certification program will be used as an option to satisfy the state hazardous air pollutant best available control requirement as well as the new Environmental Protection Agency (EPA) rule on national emission standards for hazardous air pollutants that mandates training for all surface coating applicators.

Utilizing this training and certification program provides numerous direct benefits for busi-

Interior of mobile training trailer being completed



nesses and the environment. Painters trained using this system can: increase transfer efficiencies by 19%, decrease material consumption by 13%, saving \$450-1000 in product savings per project and reduce air emissions by up to 12.6%. Development of each program participant will be measured before and after training with the VirtualPaint™ system to monitor individual improvements to transfer efficiencies, average mil thickness, time and ounces of paint sprayed. These individual improvements will lead to increased overall efficiency of spray applications at a business and reduce the waste and hazardous emissions generated.

The WasteCap Nebraska Finishing Technologies Certification program is made possible through the support and partnerships of the Nebraska Department of Environmental Quality, the Lincoln-Lancaster County Health Department, Southeast Community College, Stephen Truck Repair, and General Dynamics.

Annual Membership Meeting and Awards Ceremony

WasteCap Nebraska held their annual awards ceremony & luncheon at Mahoney State Park in Ashland, NE. The luncheon featured keynote speaker, W. Cecil Steward and awarded member businesses for their outstanding participation in environmental conservation projects. It was also a kickoff to new WasteCap Nebraska programs.

At the luncheon, WasteCap Nebraska recognized member businesses who have been active participants in the EPA's WasteWise program and those who have been members for 10 years or greater. WasteCap also presented awards to those businesses that

have demonstrated their environmental excellence. The awards were as follows: Member of the Year—**Nebraska Community Blood Bank**, Continued Excellence in Recycling— **University of Nebraska - Lincoln, Landscape Services - Lincoln**, Green Business Award- **University of Nebraska Medical Center** and Best Waste Reduction and Reuse Program— **Tenneco - Lincoln**.



Dave Ellison accepts the Member of the Year award for Nebraska Community Blood Bank

Partners in Pollution Prevention

WasteCap Nebraska has partnered with the University of Nebraska— Lincoln Partners in Pollution Prevention (P3) program to provide source reduction technical assistance to businesses. The P3 program has placed student interns in industrial facilities or small businesses to help companies identify, evaluate, and implement pollution prevention projects since 1997. WasteCap's collaboration with the P3 program enables two interns to be available year-round to provide technical assistance services. The P3 program provides students hands-on experience in reducing pollution and waste in industrial settings while providing companies with specific, well-developed options for reducing waste and saving money. An intern's typical project will:

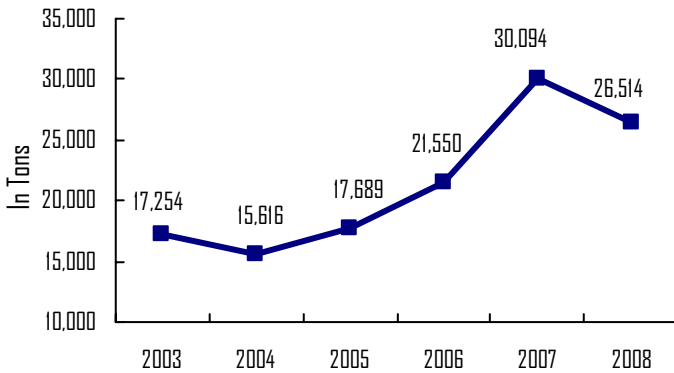
- Analyze the company's current processes or operations
- Research and evaluate options for reducing waste streams
- Determine the feasibility of pollution and waste reduction options by working with the company
- Develop a cost comparison

Recommendations made by past interns to industrial clients have included potential cost savings of over \$65,000/year per intern and major reductions in solid and hazardous waste generation.

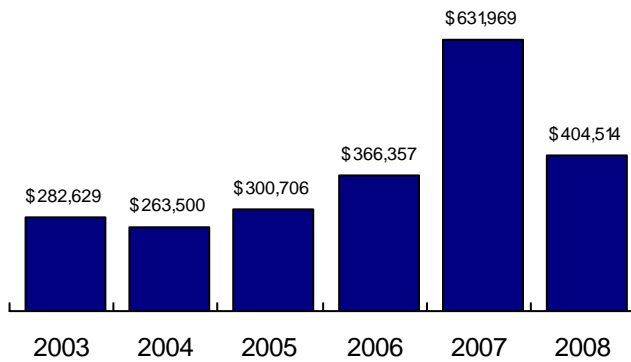
Shred Day

In 2008 WasteCap Nebraska, along with The Lincoln Recycling Office, Midland Recycling, Recycling Enterprises, Shredding Solutions and Paper Tiger held their Second Annual Shred Day on November 15th, 2008 from 9 am until 12 pm in Lincoln. Following the success of last year's inaugural Shred Day, the event allowed households and businesses to shred their confidential information and have the paper recycled. The turnout for this year's event brought in 864 cars, with a total of 7362 pounds of paper for shredding and recycling for the day!

Annual Recycling Totals and Member Savings



Annual Recycling Totals for WasteCap Nebraska Members



Annual Cost Savings for WasteCap Nebraska Members

WasteCap Nebraska's Mission and Goals

Mission

To provide resource conservation assistance to Nebraska businesses.

Goals

- Serve as a proactive catalyst for Nebraska businesses and institutions for the conservation of resources.
- Facilitate partnerships and coordinate resources to increase the value and marketability of recycling commodities and access to recycling services.

Board Members

Chairman

John Hetcko - General Dynamics

Secretary

Gene Hanlon - City of Lincoln

Treasurer

John Hauner - Lincoln Electric System

Members

Russ Baker - Omaha Public Power District

Jeff Burg - BryanLGH Medical Center

Lisa Darlington Johnson -

Lincoln Partnership for Economic Development

Reynolds Davis

Patti Wubbels - Cornhusker Bank

WasteCap Nebraska Members

Alter Metal Recycling

Ameritas

Archer Daniels Midland - Lincoln

Archer Daniels Midland - Columbus

Assurity Life Insurance Company

Baker Hardware

Becton Dickinson Medical Systems

BryanLGH Medical Center

Burton Enterprises

City of Grand Island Utilities

City of Lincoln Recycling

City of Omaha

Columbus Community Hospital

Community Blood Bank

Computer Hardware, Inc.

Concordia University

Consolidated Companies

Cornhusker Bank

CP Recovery

Custer County Recycling

Double Eagle Beverage

Duncan Aviation

Electronic Disposal Technologies

Farm Bureau Financial Services

FBG Services

Gallup

Garner Industries

General Dynamics

Goodwill Industries

GRX

Hillyard Inc.

Hilton Omaha

Hofeling Enterprises

Hornady Manufacturing

Husker Battery Service

i-Recycle

Katana Summit

Lancaster County Extension Office

Li-Cor, Inc.

LifeSpan Technologies

Lincoln Action Program

Lincoln Children's Zoo

Lincoln Electric System

Lincoln Industries

Lincoln Public Schools

Lincoln Tent

Lincoln Trap and Skeet Club

Molex, Inc.

NAI FMA Realty

NOEQ

Nebco, Inc.

Nebraska Air National Guard

Nebraska Animal Medical Center

Nebraska Public Power District

Nebraska Wesleyan University

Northern Natural Gas

Novartis Consumer Health

Nucor Steel

Nucor Vulcraft/Coldfinish/Detailing Center

Omaha Paper Stock

Omaha Public Power District

Open Harvest Natural Foods

Paper Tiger Shredding

Parker Engineering

Pegler Sysco

Printing Plus

Recycling Connections

Recycling Enterprises

Retrofit Recycling

Roberts Recycling

Sandhills Publishing

Secure Recyclers

Shred Monster

Shredding Solutions

Southeast Nebraska Cancer Center

SouthPointe Pavilions

Square D

St. Elizabeth Hospital

State Farm Insurance

Stephenson Truck Repair

Store Kraft Manufacturing Company

TechWare Recycling

Teledyne Isco, Inc.

Telesis, Inc.

Tenneco, Inc.

Union Bank & Trust

University of Nebraska-Lincoln

Veyance Technologies

Waste Connections of Nebraska

West Corporation

Windstream Communications

YMCA

Businesses denoted in **bold** have been members for 10+ years