

## WASTECAP OF LINCOLN SUMMER NEWSLETTER 2002 VOLUME 6, ISSUE III

Welcome to the first edition of WasteCap of Lincoln's new E-mail Newsletter! Using an E-mail based newsletter should prove to be more convenient and easier to access. If you have any problems opening the links or the newsletter itself, please contact us as we're still working out the bugs!

\*\*Be sure to visit our new, improved website at [www.wastecaplnk.org](http://www.wastecaplnk.org) !!

### WHAT'S NEW FOR SUMMER 2002:

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## **NEW MEMBER PROFILES**

*WasteCap of Lincoln is pleased to announce that our membership is growing and now includes some of the service providers that our current members are using. We are happy to welcome them into our membership.*

### **CP RECOVERY**

CP Recovery is an electronic recycling company that serves the Lincoln and Omaha area. They currently accept all electronics including, but not limited to, computers, monitors, televisions and office equipment. No electronics will be placed in landfills or shipped overseas. CP Recovery also provides a 100% glass-to-glass recycling service on all computer monitors and televisions, the first of its kind in the State of Nebraska. All processes are approved by the State of Nebraska and the Environmental Protection Agency and pose no environmental hazards.

### **FIRSTAR FIBER, INC.**

Firstar Fiber, Inc. is a unique resource management company in that, besides offering recycling collection and marketing services for businesses and communities, it also operates a bath tissue converting plant. It is also the only tissue converting plant in the upper Great Plains region.

Firstar Fiber strongly believes that for recycling to work long-term, recyclers have to be vertically integrated, meaning they need to produce and market products made from the recyclables they collect. Its converting operation buys parent rolls of bath tissue made with 100% recycled fiber to make consumer sized rolls for the commercial and institutional marketplace. The company explains such “closed loop” opportunities, i.e., generators’ scraps returning to them as products they use in their facilities, have the potential to save businesses money and strengthen the economy viability of their recycling programs. The company’s long-term goal is to build an in-state paper mill, which will go even further to improve Nebraska’s recycling efforts since it will reduce freight costs both in terms of shipping the scrap paper to out of state mills and hauling back parent rolls for converting.

### **GABILAN MANUFACTURING, INC.**

Gabilan Manufacturing, Inc., with a home office in Salinas, California, has been in business since 1946. Two additional plants were opened in York in 1991 and Lincoln in 2000. Gabilan’s primary customer is Harley-Davidson. In 1978 Gabilan shipped the first muffler manufactured by its employees to Harley and in 1982 became Harley’s single source of all OE (original equipment) muffler exhaust. In 2001 Gabilan Manufacturing Inc. Lincoln (GMIL) supplied Harley with the mufflers and exhaust pipe for the sporty

Harley-Davidson V-Rod motorcycle. GMIL also builds the “Screaming Eagle” muffler for Harley-Davidson P and A (parts and accessories) division. The exhaust assembly for the 883R Sportster bike built by Harley at its’ Kansas City manufacturing facility is included in Gabilan’ production builds.

Waste Cap was introduced to Gabilan Manufacturing in a recent article in the Lincoln Journal Star. They were searching for options as a plant to reduce costs and saw recycling as a great opportunity. Because GMIL is used as a distribution center and manufacturing site, 85% of their parts and unplated product is shipped to them in cardboard containers. WasteCap of Lincoln performed an on-site waste audit, resulting in the implementation of a cardboard recycling program. By removing the cardboard from their waste stream, Gabilan Manufacturing has been able to reduce the amount of material going to the landfill resulting in a monthly cost savings of over \$600. Employees at Gabilan were enthusiastic about starting the new program and are continually looking for more recycling options.

## **MIDLAND RECYCLING**

Midland Recycling is Nebraska’s largest multi-material recycling facility. They provide containers, transportation, in-house training, baling, monthly environmental reports, and confidential document destruction. Midland Recycling is designed to provide a wide range of services to recyclers of all sizes with all kinds of materials, be it paper, aluminum cans or other scrap materials.

Scrap metals are also a Midland specialty. Aluminum and bi-metal cans, as well as non-ferrous metal materials, are sorted, cleaned, crushed and baled for shipment to the largest aluminum and steel mills.

Midland’s unique glass beneficiation system automatically removes the labels and lids while crushing the glass cullet to one-eighth inch pieces. This process makes the cullet “furnace ready” for direct shipment to glass container manufacturers in Arkansas, Colorado, Illinois, Minnesota, and Oklahoma.

Midland Recycling also has a second plant location where paper rolls are converted into packing paper, slip sheets and dividers for the moving, industrial packing, and printing industries. In place of repulping these slightly damaged rolls, they are recycled into a usable paper product for end users.

## **ROBERTS RECYCLING**

Doug Roberts, owner of Roberts Recycling, has been in the recycling business for over 20 years. He worked briefly for his father, Jack Roberts, at A & J Recycling, in 1982, before starting his own business in 1984. Roberts Recycling specializes in commercial paper recycling and document destruction for many businesses including life insurance companies, hospitals, and medical facilities. They pride themselves on providing prompt

service and meeting and exceeding customer needs.

## **CHANGES TO WASTECAP OF LINCOLN'S MEMBERSHIP STRUCTURE**

To ensure continued quality and equitability in services, WasteCap of Lincoln is moving from a voluntary donation for memberships to a mandatory membership fee. Although the fee will now be a required membership fee, the funding level of the membership is still at the discretion of each business. The WasteCap Advisory Committee approved a new membership structure with three levels: Supporting (\$150 - \$499 donation), Sponsoring (\$500 - \$999), and Sustaining (\$1,000 and above).

Regardless of the paid annual membership rate, all members will receive quarterly E-newsletters and monthly E-bulletins, free economic cost/benefit analysis, volume tracking, on-site waste reduction and recycling technical assistance, and will be able to participate in all WasteCap of Lincoln Master Agreements for Services. As the donated amount for membership increases, businesses can increase membership representatives, increase the number of free attendees for Talk & Tours, and will receive a larger percentage discount to meetings, workshops, and pollution prevention assistance. The number of member representatives per business and percentage discount for meetings, workshops, and pollution prevention assistance will be scaled based on the cost of the event/service and/or the number of attendees expected. Please call our office at 472-0888 with any questions that you have regarding the new membership structure.

## **FIRST WASTECAP OF LINCOLN TALK & TOUR SET FOR SEPTEMBER 19TH AT MEMORIAL STADIUM**

The first of two grant-funded Talk & Tours hosted by WasteCap of Lincoln will be held at UNL's Memorial Stadium on Thursday, September 19, 2002. Scheduled for 8:30 a.m. to 11:00 a.m., the event is free to WasteCap of Lincoln members. The Talk & Tour will include a tour of the stadium by UNL Athletic Department personnel. Dale Ekart, the UNL Recycling & Solid Waste Resource Manager will interject information concerning the program's recycling and environmental purchasing efforts during the tour. Highlights include how crumb rubber surfaces, such as those in the FieldTurf on Tom Osborne Field, can protect playing surfaces and the environment and how recycled plastic can be used to make innovative seating like that found in the newly remodeled West-Stadium. Following the tour, Mr. Ekart will give a presentation on various aspects of the University's recycling program, including video highlights from the stadium sort after Game Days.

This is a great opportunity for business representatives to network and learn from each other how to implement a successful recycling program for large groups of people and large streams of recyclables. Watch for our upcoming brochure in the mail – we hope to

see you all there! Please contact our office at 472-0888 with any questions or if you would like to register to attend the Memorial Stadium Talk & Tour.

## **RETROFIT RECYCLING PICK-UP DATES**

Reminder that WasteCap of Lincoln members do receive discounted fluorescent lamp, ballast, electronic and battery recycling services through Retrofit Recycling (800-248-7328) and Environmental Compliance Enterprises (466-2268). Please let us know if you need an updated price sheet.

### **August:**

**5<sup>th</sup> & 6<sup>th</sup>**

**19<sup>th</sup> & 20<sup>th</sup>**

**26<sup>th</sup> & 27<sup>th</sup>**

### **September:**

**9<sup>th</sup> & 10<sup>th</sup>**

**23<sup>rd</sup> & 24<sup>th</sup>**

## **MARKETS CORNER**

	<b>JUNE</b>	<b>JULY</b>	<b>AUGUST</b>
<b>OCC</b>	<b>80</b>	<b>115</b>	<b>100</b>
<b>CPO</b>	<b>40</b>	<b>40</b>	<b>40</b>
<b>MAG</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NEWS</b>	<b>10</b>	<b>10</b>	<b>10</b>
<b>SOP</b>	<b>20</b>	<b>25</b>	<b>25</b>

Reminder that INFORM Members using Midland Recycling are paid \$20 under the reported price for loose cardboard (OCC) and \$5 under the reported price for baled cardboard in bales weighing over 1,000 pounds.

### **Material abbreviations:**

*OCC- Old Corrugated Cardboard*

*CPO- Computer Print Out  
Mag- Old Magazines  
News- Old Newspaper  
SOP- Sorted Office Paper*

## **THE FIBER MARKET: THE ROLLER COASTER OF RECYCLING - WRITTEN BY MICHAEL FOSTER**

*Many of our members have questions about the market payments and revenues received for recycling. Guest writer and WasteCap member Michael Foster, General Manager of Midland Recycling in Lincoln, sheds a little light on the changes in markets and why our market revenues are always subject to change and volatility. This is an interesting article that all of our members should read. Mr. Foster can be reached at Midland Recycling at 476-8502.*

Wastepaper markets truly resemble your favorite roller coaster ride at the local amusement park. One must always remember that waste paper is a raw material and competes with virgin materials on a global scale. There are many external forces, which affect the value of waste paper that most people do not even think about.

First is the value of woodchips on the world market. With the United States southern forests being managed much more intensively as *tree farms* and improvements in forest management in South and Central America, there is a large amount of wood available to the paper mills. Remember that the large integrated international companies own this timber and must use it in their production process. This virgin wood is a major competitor to waste paper.

Secondly, the roller coaster of the paper industry drives the value of raw materials as well. Paper is a leading indicator to the economy of the manufacturing sector. Waste paper consumption and values tend to rise 6 months in advance of the economy's upturn and suffer 6 months in advance of the economy's downturn. This gives the markets the appearance of volatility to the casual observer. "My business is good, why are the waste paper prices so low?" "My business is bad, why are the waste paper prices rising?"

Third, raw materials (waste paper) are a global commodity now. With the Pacific Rim countries (especially China) becoming a major manufacturing center, exports of raw materials can drive the markets in an erratic fashion. The raw material buyers from these countries will watch our market trends and, when the prices are low, they will contract for large blocks of tons. After buying them on the cheap end, they then crash the markets by pulling out as prices start to catch up with the supply and demand curve. Exports do create huge spikes in these markets.

Fourth, the weather affects the markets. Residential generation falls as the weather begins to turn cold and snowy. Transportation of raw materials to markets can face delays.

All of these factors and more add up to one wild ride when you watch or try to predict the markets.

Mike Foster  
General Manager  
Midland Recycling-Lincoln

## **NEBRASKA DEPT. OF ROADS AWARDED \$420,000 GRANT FOR RECYCLED TIRES**

Grant funds will be used on a 7.3 mile overlay project on I-80 from Gibbon to Shelton using recycled automobile tires in the asphalt pavement. Entire, a tire recycling operation that has a tire supply in Nebraska City, Neb., will provide the approximately 47,000 used tires for the project. It is estimated that the crumb rubber will make up as much as 20 percent of the raw material to make the overlay.

**For the complete story, click here:**

<http://p2ric.org/cgi-shl/nph-t.pl?U=1580&M=1064&MS>

## **STATISTICS SHOW LOWER RECYCLING RATES**

The fizz has gone out of the recycling business. For the first time in more than 20 years, Americans are throwing away more aluminum cans than they recycle. Environmental groups and industry groups alike see it as an ill omen for the rest of the recycling business because aluminum soft-drink and beer cans are the single most valuable consumer commodity being recycled. Speculations for the decline include hurried lifestyles and low scrap values, signs of good economic times.

**For the complete story, click here:**

[http://p2ric.org/cgi-shl/nph-t.pl?U=1586&M=\\$subst](http://p2ric.org/cgi-shl/nph-t.pl?U=1586&M=$subst)

## **"GREENER" SCOTCHGARD HITS THE MARKET**

Scotchgard, the water and stain repellent, was a sturdy household name before environmental concerns led 3M Co. to phase out production two years ago. 3M discovered the product was breaking down into a substance known as perfluorooctanyl sulfonate or PFOS, which lingers in the environment and has been found in the blood of humans and animals worldwide. The company is now marketing five revamped products for carpets and leather upholstery and apparel. The U.S. EPA has reviewed and approved all of the ingredients in the new formulas.

**For the complete story, click here:**

<http://p2ric.org/cgi-shl/nph-t.pl?U=1560&M>

*WITH THE RECENT DROUGHT CONDITIONS AND WATER CONSERVATION CONCERNS ABOUNDING IN LINCOLN AND ALL OVER THE STATE, HERE ARE A FEW USEFUL ARTICLES TO HELP YOU IN YOUR WATER CONSERVATION EFFORTS.*

## **GRAYWATER: WHAT IS IT AND WHAT ARE ITS USES?**

As clean water resources become more valuable, the concept of separating out the graywater from the home's waste stream and using it to supplement the family's water demand is becoming increasingly appealing. Graywater is generally defined as all wastewater generated from household activities except that produced from the toilet and the kitchen sink. There are many advantages to separating out the home's graywaters, such as extended treatment system life, lowered household's water demand, and recharged aquifers.

**For the complete story, click here:**

<http://p2ric.org/cgi-shl/nph-t.pl?U=1540&M>

## **100 WAYS TO CONSERVE WATER**

How can food coloring help save you money on your water bill? Pour a small amount of food coloring into your toilet tank and, if it seeps into the toilet bowl, fix the leak for a savings of over 600 gallons a month. Hate doing the laundry and dishes? Put it off until you have full loads! Running your washing machine and dishwasher only when they are full and you could save 1000 gallons a month. These and several other great water conservation tips are found on this website.

**For the complete story, click here:**

<http://p2ric.org/cgi-shl/nph-t.pl?U=1547&M=1064&MS>

## **HOW TO CONSERVE WATER USING XERISCAPE**

For most of the country over fifty percent of residential water used is applied to landscape and lawns. Xeriscape can reduce landscape water use by seventy percent or more. By xeriscaping, you make sure that your lawn and landscaping will be better suited to the region's weather (i.e. drought-proofing it in the case of Nebraska). Such practices can increase your property value as much as 15% and reduce water and

maintenance costs by up to 60%. To learn more about xeriscaping and the organizations Xeriscape Colorado!, visit this website.

**For the complete story, click here:**

<http://p2ric.org/cgi-shl/nph-t.pl?U=1542&M=1064&MS>