

The Link

Summer 2018

Promoting reuse and recycling in Nebraska

Materials Exchange Program



Simplify, Standardize, Educate

In the last Link issue, we discussed China's decision to ban the import of 24 post-consumer materials including mixed paper, mixed plastics and numerous plastic resins, in addition to restricting contamination limits of other recyclables to 0.5%. Following years of ever increasing contamination, and the need to address their own pollution issues, China decided the cost had simply become too great. The #1 importer of said materials worldwide, the decision has sent shockwaves throughout the industry, as suppliers struggle to find markets for an ever increasing overstock. As a study by the University of Georgia, published in the June issue of Science Advances found, 111 million metric tons of plastic waste alone will be displaced by China's new policy by 2030.

In an attempt to keep materials flowing, numerous Chinese recyclers moved their processing operations off-shore to places like Vietnam and Malaysia, but ports there were quickly overwhelmed, and pollution issues amplified to the point that several of their governments decided to limit imports or declare outright bans as well. With the initial shock wearing off, and nowhere else to turn, recycling concerns worldwide are making the case that exporting trash is no longer a viable option - we need to accept responsibility for our own waste, and fast.

Unfortunately, the infrastructure for such a move simply doesn't exist in the United States. By all estimates, it will take 5 to 6 years of dedicated expansion before the nations Material Recovery Facilities (MRF's) are ready to

process all of the recyclables produced here at home. In terms of technology however, the timing couldn't be better as the last few years have produced some amazing innovations. Things like ultra-high frequency sensor-based sorting, and laser object detection can not only be utilized by newly built systems, but added onto existing systems as well. While new and improved technologies will positively impact efficiency, they will never be a cure-all, so what can we do in the meantime, and what changes need to be made so that domestic markets are able to thrive going forward? The answer can largely be summed up in three words - simplify, standardize and educate.

Without question, single-stream collection practices have dramatically increased the amount of materials recycled, but they're also responsible for the contamination that drove China to its ban in the first place. Causes range from confusion and wishful thinking on the part of generators, to a host of differing do's and don'ts that change, depending on the hauler, or the markets available to them. If the goal is to increase the purity of recyclables so they can be used as feedstock for manufacturing (and it is), then we need to accept that not everything can be recycled. In other words we need to simplify the number of acceptable materials, standardize practices throughout the industry, and educate the public about what's acceptable and what isn't.

Plastics provide a fitting example. In 1988, the Resin Identification Code (RIC) was established in response to

MRF's request for assistance in separating plastic packaging. More accurately described as representing resin "families", the ubiquitous numbered triangle has undergone several changes over the years, in an effort to more accurately reflect a products composition and alleviate confusion regarding recyclability. That said, different additives within resin families continue to make it difficult for MRF's to produce a homogeneous product - think chocolate chip cookies made with butter while others are made with margarine. By simplifying industry standards (agree to the same ingredients), and educating the public as to what's recyclable and what isn't, we simplify the sorting process and ensure a better feedstock.

Of course none of this means anything if consumers continue to throw trash in recycle bins and recycling in the trash, so a simplified and standardized message is vital to getting all of us on the same page. Indeed, when consumers get one message from their residential hauler, another from the commercial hauler at work, a third at the grocery or convenience store on the way home, and a fourth at the sporting event or concert venue that weekend, it's no wonder people get confused. As if that weren't enough, even the very look of waste bins can vary from one location to the next. Picture the ubiquitous RIC triangle on plastics as a square from a second manufacturer, and a circle from a third - even when all three have a # 1 inside - and the need to standardize bin labeling begins to make sense as well. Simplify, standardize, and educate a formula that just might turn the recycling crisis into an opportunity.

THE NEBRASKA MATERIALS
EXCHANGE PROGRAM
IS MANAGED BY:
KEEP NEBRASKA BEAUTIFUL
3201 PIONEERS BLVD.,
SUITE 118
LINCOLN, NE 68502
402.486.4622
EMAIL: INFO@KNB.ORG
WEBSITE: <WWW.KNB.ORG>
JANE POLSON
President
PETER STADIG
Program Manager

Board of Directors

MIKE BASSETT
Blair
MATT BOERKIRCHER
Hastings
DICK COFFEY
Omaha
KELLY DANIELSON
David City
MEAGAN DEICHERT
Omaha
ANDREW FEREDAY
Omaha
C. KELLY FLEMING
Omaha
JOCELYN GOLDEN
Lincoln
MATT GUTZMANN
Blair
ADAM HOEBELHEINRICH
Lincoln
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Columbus
TORY KORT
Hastings
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Lincoln
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Omaha
EDIE RYBA
Columbus
KIM WIESE
Lincoln
JEFF WITT
Lincoln

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Emeritus

EPA Tips for Commercial Waste Reduction

Commercial & institutional buildings generate significant waste. These tools can help improve waste management, reduce costs and enhance sustainability.

Benefits of Addressing Waste

Ways organizations benefit from a waste reduction program:

- Recycling can cut disposal costs and improve the bottom line.
- Understanding the amount and types of waste, can help negotiate service contracts & reduce costs.
- Tracking waste management in one platform with a standard set of metrics, makes it easier to share and report.
- Managing waste, water, and energy more efficiently are core components of sustainability. Improving sustainability can boost your corporate image, attract quality tenants and positively engage employees.
- Waste prevention and recycling offer significant potential for greenhouse gas reduction.
- Reuse and recycling conserves natural resources including trees, metals and water.

Track Waste

Tracking waste is key to a successful waste reduction program. **ENERGY STAR Portfolio Manager®** is a free, easy to use, online tool for tracking waste, energy & water data. Benchmark performance with a consistent set of metrics for assessing waste management activities in a secure online environment. Use the Portfolio Manager quick start guide & **ENERGY STAR** training site for directions. Organizations participating in **WasteWise**, the **Food Recovery Challenge** or the **Federal Green Challenge** can also use the **Sustainable Materials Management (SMM) Data Management System** hosted in Re-TRAC Connect. Through SMM, partners can track and

report annual waste management and green purchasing activities, set annual goals and apply for recognition.

Team Up

Involving others in an action plan helps ensure a successful program. Create a green team and focus responsibility on planning, design and implementation of waste reduction activities.

Getting started:

- Get support from management.
- Recruit representatives from different organizational areas. A broad-based team offers a variety of perspectives.
- Relate team size to the size of the organization and gather representatives from as many departments, tenants or functions as possible.

Identify team responsibilities:

- Set short and long-term waste reduction goals.
- Gather and analyze information related to design and implementation.
- Secure managements endorsement of program implementation, goals, and sustainability.
- Promote the program to employees, educate on ways to participate, and offer incentives.
- Monitor progress.
- Report reduction efforts to management and employees.

Set Goals

Goals help prioritize waste prevention and recycling activities. They also promote a shared understanding of progress and accomplishments. A Waste Assessment will help identify specific activities that can help reach program goals.

Program Assessment

A waste assessment or audit is a systematic review of operations to identify the quantity and composition of materials in the waste stream. Knowing what's in

waste enables you to effectively tailor the goals of the program. Some local governments and waste haulers offer free waste audits, so consider contacting your city or county's recycling office or your waste hauler for assistance.

Using Waste Assessment Results

Use results to inform reduction activities. If the recycling stream contains a high percentage of contamination for example, or a large percentage of recyclables end up in the trash, it likely indicates the need for improved communication and education.

After reviewing results, identify potential waste reduction activities. List promising options and evaluate them in terms of feasibility and how they align with stated goals:

- Focus first on waste prevention to help eliminate waste at the source, cut costs, and save natural resources and energy.
- Evaluate recycling and composting options to manage waste that cannot be prevented.
- Implement suitable waste reduction activities.
- Start with 1 or 2 clear activities to get others engaged. Then roll out other initiatives as behaviors become habit.

Improve Practices

Programs can be significantly improved by actively engaging and educating employees, as well as identifying markets for recovered materials.

Waste Prevention

The most effective way to reduce waste is to generate less in the first place. Waste prevention offers the greatest environmental benefits and cost savings.

- **Reduce:** Modify current practices to reduce waste generation by changing the design, manufacture, purchase, or use of materials or products. For example, only print what's needed and print double-sided to save paper.
- **Reuse:** Reuse is the repair or recovery of materials, prolonging their life. For example, encourage reusable coffee mugs rather than single-use cups so there's no disposal to manage.
- **Donate:** Organizations can donate products or materials to others who need and can use the items. For example, many local food banks will pick up food donations free of charge, saving storage and disposal costs.

Recycling

When waste cannot be prevented, recycling is the next best option. It saves energy, helps keep materials out of landfills and provides raw materials for production. Composting is recycling for organics. It converts organic materials, like food waste and yard trimmings, into a valuable soil amendment that contributes to soil health and keeps organic waste out of landfills. When looking to increase recycling, there are two interrelated components to address, availability and engagement.

Availability

Refers to the systems, markets, and equipment that impact recycling options. Location and amount of waste generated shape opportunities to increase recycling.

- **Within a Building** - What services do haulers offer for each location? Are recycling and compost bins visible and convenient?
- **Local** - What materials are accepted by municipal or county programs? Are there other businesses, like waste exchanges and donation outlets that could use your waste material?
- **Regional** - What end markets and processing facilities can be accessed, particularly for large amounts of materials?

Engagement

Once availability is established, it's important to engage and educate. Best practices include:

- **Kick Off:** Make an announcement and host a program kick-off. Have a senior leader speak to the importance, implementation, and goals.
- **Keep It Fun:** Use challenges, zero waste lunches and recognition to highlight the role of employees in meeting goals.
- **Pictures, Please:** Clear signage on recycling, composting, and trash bins that includes pictures of what goes in which bin.
- **Better Together:** Keep waste and recycling bins together and clearly marked so people have all options in one place.
- **Be Consistent:** If recycling bins are blue, compost is green, and trash is black, keep the colors consistent throughout the program and building.
- **Keep It Up:** Ongoing communication and promotion is key to program success. Celebrate program milestones to maintain momentum.

Material	Qty.	ID#	Material	Qty.	ID#
Highlighted Items			Ag Products		
Seeking			Seeking		
Acrylic & Lexan	ns/ns	O m a h - 9 1 0 1	Animals -Fallen Farm & Feedlot	any/any	B e l v - 1 0 5 2
AED Lithium Batteries (ship pd 10+)	any/any	W A I L - 9 1 0 9	Animal Fats	lg qty/og	M I M N - 7 9 8 7
Athletic Equipment	any/any	L i n c - 9 1 3 1	Antlers, Skins, Hides etc	ns/ns	W h i t - 7 2 4 2
Bags- Burlap	any/any	O m a h - 9 0 5 7	Cattle Hides	any/any	B e l v - 1 0 5 1
Bags- Burlap	any/any	L i n c - 9 1 0 4	Food By-Products	any/any	A N I A - 1 9 4 1
Bags- Plastic Grocery	900/1x	G r l s - 9 0 8 2	Grass Clippings	any/any	B e a t - 7 2 0 6
Batteries - Expired AED	any/any	W A I L - 9 2 3 7	Meat Scraps -Locker & Grocery	any/any	B e a t - 1 0 5 3
CD's & DVD's	any/any	G r l s - 9 3 6 7	Organic Material	any/any	P l C e - 8 1 9 3
Compost - Commercial	any/any	A s h l - 9 3 1 6	Sugars/Syrups	any/any	T I I A - 6 9 1 3
Compost - Commercial	any/any	F i r t - 9 3 1 8	Generating		
Computers & Accessories -Working	any/any	H o w e - 9 1 1 4	Animal Fats	lg qty/any	M I M N - 7 9 8 8
Computers & Accessories -Working	any/any	F a C i - 9 1 6 9	Horse Manure w/ Wood Chips	1ton/wk	V a l l - 5 2 5 4
Computers & Accessories -Working	any/any	P l a i - 9 2 2 2	Horse Manure	1ton/wk	R o c a - 7 2 7 1
Computers & Accessories -Working	any/any	A l l i - 9 2 2 3	Organic Waste Material	any/any	M I M N - 7 6 9 3
Computers & Accessories -Working	any/any	D a C i - 9 2 2 6	Chemicals		
Cork Rubber	any/ongoing	B e l l - 9 1 0 7	Seeking		
Doors - Interior	ns/any	L i n c - 9 3 0 3	Acids -All	any/any	L i n c - 2 4 3 9
Foam & Polystyrene	any/any	M e a d - 9 1 1 5	Acids -All	any/any	A B K S - 6 7 7 4
Fryer Oil	any/any	O m a h - 9 2 0 6	Antifoam	any/any	O m a h - 8 9 9 1
Hydrochloric Acid	any/any	B e a t - 9 0 4 6	Chemicals -Various	any/any	O m a h - 3 5 1 3
Memory Cards	any/any	B l a i - 9 0 1 4	Chemicals -Various Ag/Industrial	lg qty/ns	B R I N - 5 3 1 9
Medical Equipment & Supplies	any/any	K i m b - 9 2 5 7	Chemicals -Various Ag/Industrial	any/any	A R C O - 8 8 5 2
Mulch	any/any	O m a h - 9 2 3 6	Chemicals -Various	any/any	L i n c - 6 2 9 3
Office Equipment & Furniture	any/any	W i s n - 9 0 3 1	Chemicals -Various	any/any	T I I A - 6 5 9 8
Office Equipment & Furniture	any/any	A l l i - 9 0 6 1	Chemicals -Various	any/any	K e a r - 6 6 8 1
Office Equipment & Furniture	any/any	H o w e - 9 1 1 2	Chemicals -Various	any/any	H a s t - 7 0 2 0
Office Supplies	any/any	W i s n - 9 0 3 2	Chemicals -Various	any/any	C I O H - 6 1 3 8
Office Supplies	any/any	A l l i - 9 0 6 2	Generating		
Office Supplies	any/any	H o w e - 9 1 1 3	Carbon -Granular, Wet Activated	50 lb/1x	G r l s - 6 8 1 7
Polytotes	any/any	O m a h - 9 0 5 7	Chromium Hydroxide (Industrial Only)	1-2 t/wk	x x x x - 4 6 8 1
Printer	any/1x	G r l s - 9 0 5 3	Sodium Metal- raw powder	400 lb/mo	K e a r - 8 8 4 4
Printer/Copier	1/1x	O m a h - 9 0 7 4	Construction Materials		
Residential Equipment & Furniture	any/any	L i n c - 9 1 4 2	Seeking		
Residential Supplies	any/any	L i n c - 9 1 4 3	2x4's & Plywood for Shelving	any/any	L i n c - 8 2 2 3
School Equipment & Furniture	any/any	W a h o - 9 2 6 3	Brick, Block, Limestone	any/any	L i n c - 3 1 2 0
School Equipment & Furniture	any/any	R a n d - 9 2 6 6	Brick, Block, Beams	any/any	C r e t - 6 5 5 2
School Supplies	any/any	W a h o - 9 2 6 4	Brick	any/any	W a l t - 8 7 5 6
School Supplies	any/any	R a n d - 9 2 6 7	Building Mat'l -Doors, windows etc	any/any	O m a h - 3 3 1 9
Super Sacks	100/yr	F r e m - 9 0 9 3	Building Mat'l -2x4's, Plywood	any/any	V a l l - 6 5 4 5
Telephone System	1/1x	C r e t - 9 1 5 4	Building Mat'l -General	any/any	W a l t - 8 4 5 8
Tungsten Scrap	any/any	C I O H - 9 0 7 7	Doors & Windows	any/any	B e a t - 6 9 4 5
Wood Chips	any/any	G r e t - 9 1 0 6	Glass Block	any/any	O n e i - 8 7 1 3
Generating			Light Fixtures	any/any	O m a h - 7 3 3 0
Caustic Soda/ Sodium Hydroxide Beads	650 lbs/1x	B e a t - 9 2 3 4	Light Fixtures	any/any	H o l d - 7 3 4 1
Compost - Bagged	any/any	A s h l - 9 3 1 7	Lumber	any/any	L i n c - 7 0 3 1
Compost - Bagged	any/any	F i r t - 9 3 1 9	OSB/Plywood Scrap	any/any	B l a i - 7 4 2 8
Drums- 55 gal plastic	30/mo	H a r v - 9 1 6 3	OSB/Plywood Scrap -12"x12" up	any/any	O m a h - 7 8 4 9
Fuel Treatment - Nalco 8258	55 gal/1x	L e x i - 9 3 3 0	Please note: Due to space limitations, the listings in the newsletter are not inclusive. For a complete list of materials being sought or generated by program participants, please go to our website at www.knb.org or call us at 402-486-4622.		
Rubber- 12"x24"x1/8" Sheets	1 rolloff/wk	K e a r - 9 0 6 4	\$=charge	dmpr=dumpster	ltr=liter
Super Sacks	150/yr	N o L o - 9 1 6 5	1X=one-time amount	gal=gallon	ml=milliliter
			cont=container	gd=gaylord box	mo=month
			cu.yd.=cubic yard	lg=large	mt=metric ton
			ns=not specific	qtr=quarter	t=ton
			og=ongoing	qty=quantity	wk=week
			plts=pallets	semi=semi trailer load	yd=yard
			pu=pickup load	tl=truck load	

Material	Qty.	ID#	Material	Qty.	ID#
Construction Materials			Containers & Pallets		
Generating			Generating (Continued)		
Tiles -3/4"-1", Adhesive & Grout	500/1x	B l a i - 8 4 0 0	Drums -Plastic 55 gal	5-8/mo	O m a h - 5 0 9 6
Construction Mat'l	any/any	L i n c - 5 5 3 3	Drums -Plastic 55 gal Food Grade §	any/any	H a s t - 6 9 2 0
Lumber Scrap -less than 20" long	ns/ns	O m a h - 8 3 2 7	Drums -Plastic 55 gal NOT food grade	8/mo	N e C i - 7 4 9 5
Plywood -Laminated Scraps	400lb/mo	H a s t - 1 6 3 7	Gaylords	50/qtr	H a s t - 5 6 6 6
Containers & Pallets			Gaylord Boxes	ns/wk	Y A S D - 8 9 3 9
Seeking			Pallets	400/mo	M c C o - 1 2 8 4
Buckets -5 gal plastic	any/any	P I D a - 4 0 6 3	Pallets	any/any	H a s t - 7 4 8 1
Burlap Bags	ns/ns	N o P l - 8 4 6 1	Pallets	any/any	N A K S - 7 7 6 7
Crates -Wood	any/any	L i n c - 2 7 8 8	Polytotes -225-345 gal §	any/any	O m a h - 3 7 2 6
Drums -55 gal Plastic	2/mo	D a C i - 8 3 6 6	Super Sacks	600/yr	O m a h - 6 5 0 5
Drums -55 gal Plastic Food Grade	2/1x	W a l t - 8 4 5 9	Super Sacks	ns/ns	L i n c - 8 4 1 3
Drums -Fiber	any/any	L i n c - 7 1 6 8	Super Sacks	40+/yr	C o l u - 8 5 4 2
Drums -Plastic, Steel	any/any	O m a h - 1 1 7 3	Zip-Lock Bags	any/any	L i n c - 7 0 6 5
Drums -Steel, any size	any/any	H a s t - 2 1 6 5	Durables & Electronics		
Gaylord Boxes	any/any	L i n c - 2 7 8 7	Seeking		
Gaylord Boxes	any/any	O m a h - 5 5 7 7	Audio/Visual Equipment -all kinds	any/any	O m a h - 6 3 6 5
Gaylord Boxes	any/any	K e a r - 5 6 4 5	Cell Phones -Scrap	any/any	K E W A - 5 8 8 4
Gaylord Boxes	any/any	I m p e - 6 4 7 1	Computers & Electronic Scrap	any/any	O m a h - 2 9 1 5
Gaylord Boxes	any/any	H a s t - 6 8 0 4	Computers & Electronic Scrap	any/any	L i n c - 5 9 7 8
Gaylord Boxes	any/any	O s c e - 7 7 4 2	Computers & Electronic Scrap	any/any	K e a r - 7 2 5 8
Gaylord Boxes	several/mo	Y o r k - 8 7 2 0	Computers & Accessories -Working	any/any	O m a h - 2 6 2 2
Pallets	any/any	F r e m - 1 0 5 7	Computers & Accessories -Working	any/any	B e a t - 3 6 5 8
Pallets	200/mo	L i n c - 2 7 8 9	Computers & Accessories -Working	1/1x	G r l s - 3 9 1 8
Pallets	any/any	G r e t - 4 5 3 2	Computers & Accessories -Working	any/any	L i n c - 5 5 3 2
Pallets	any/any	G e r i - 4 6 1 6	Computers & Accessories -Working	any/any	N e C i - 7 8 8 1
Pallets	any/any	O m a h - 5 5 7 8	Computers & Accessories -Working	any/any	S e w a - 8 5 5 9
Pallets	any/any	H a s t - 7 4 8 2	Computers & Accessories -Working	several/1x	V a l l - 8 6 3 3
Pallets	any/any	N A K S - 8 1 1 3	Computers & Accessories -Working	any/any	T a R o - 9 1 6 9
Polytotes -225-345 gal	any/any	F t C a - 1 2 7 6	Computers & Accessories -Working	any/any	P l a i - 9 2 2 2
Polytotes -225-350 gal	any/any	O m a h - 6 4 0 6	Computers & Accessories -Working	any/any	A l l i - 9 2 2 3
Polytotes	ns/ns	P I D a - 6 6 1 6	Computers & Accessories -Working	any/any	D a C i - 9 2 2 6
Sacks -Paper, Plastic	any/any	O m a h - 4 9 7 9	Office Machines	any/any	H o w e - 9 1 1 4
Super Sacks	any/any	O m a h - 7 4 0 0	Printer/Copier	1/1x	B e a t - 6 9 4 7
Super Sacks	any/any	L i n c - 7 6 1 0	Printer/Copier	1/1x	L i n c - 7 9 7 8
Super Sacks	any/any	F r e m - 8 5 1 4	Projector -LCD,Laptop,Digital Camera	1/1x	G r l s - 3 9 1 8
Trash Bags -all sizes	any/any	O m a h - 7 5 7 3	Projector -LCD	1/1x	O g a l - 4 3 8 7
Zip-Lock Bags	any/any	P I D a - 5 9 9 4	Projector -LCD	1/1x	O m a h - 6 0 4 9
Zip-Lock Bags	ns/ns	W h i t - 7 2 4 3	Projector -Power Point	1/1x	L i n c - 6 3 7 3
Generating			Telephone Handsets -2 line	any/1x	L i n c - 6 1 2 4
Boxes -Hvy Duty on Pallet	15-20/wk	K e a r - 7 5 1 9	Telephone System -electronics	any/1x	G r l s - 7 8 9 6
Buckets -5 gal	24/wk	O m a h - 2 0 1 1	Telephone System -2 line or better	1/1x	O m a h - 8 1 0 4
Burlap Bags	50/wk	O m a h - 5 4 5 1	TVs w/& DVD Player	1/1x	O g a l - 4 3 8 7
Composters -55 gal Plastic Drum §	ns/og	A l l e - 7 7 4 8	TVs w/& DVD or VHS Player	any/any	L i n c - 6 5 7 5
Crates -Wood 4'x8' or 5'12'x30"H	5-10/wk	L i n c - 6 8 2 6	TVs - Cable Ready	several/1x	C r o f - 7 1 8 1
Crates - 33"x33"x28"H	40/mo	G r l s - 8 6 7 9	Food		
Drums -Fiber 30 gal no lids	200-300/yr	O m a h - 1 7 5 1	Seeking		
Drums -Fiber (sm) -15"Tx11"W	600/mo	G r l s - 7 3 6 5	Food Chemicals -oils, resins etc	any/any	S T M O - 7 2 3 4

Materials Exchange Disclaimer: Information provided through this database is supplied by the lister of the material. Keep Nebraska Beautiful is not responsible for any warranty, expressed or implied, as to the accuracy of the material description, the suitability of a particular use, or the saleability of any material offered through this service. It is the legal responsibility of each party to determine whether a listed material is a hazardous waste or a hazardous material. Both hazardous and solid wastes must be managed in accordance with all relevant regulations and laws. Keep Nebraska Beautiful reserves the right not to list a material, to delist a material, or to edit information provided by the listing party.

Material	Qty.	ID#	Material	Qty.	ID#
Metals Seeking			Other Seeking (Continued)		
Aluminum	any/any	H e n d - 7 6 8 5	Clothing & Shoes	any/any	O m a h - 7 1 6 3
Aluminum Scrap	ns/ns	O m a h - 8 6 3 7	Craft Materials	any/any	K e a r - 8 1 1 5
Aluminum & Tin	ns/ns	B e a t - 3 9 2 1	Curtain Mat'l for Sound Reduction	any/any	L i n c - 6 6 0 3
Aluminum & Tin	ns/ns	B l a i - 7 4 2 7	Custodial Materials/Supplies	any/any	L i n c - 5 1 8 4
Aluminum & Tin	500 lb/ load min	O m a h - 5 9 3 9	Diapers -All Sizes	any/any	S c o t - 5 4 1 6
Metal -Non/Ferrous -NO Iron	any/any	O m a h - 1 4 2 5	Die Cut Lettering Mat'ls	any/any	H o l d - 6 5 1 5
Metal -Non/Ferrous	any/any	K e a r - 1 9 7 8	Dinnerware -Disposable	any/any	O m a h - 5 3 4 6
Metal -Non/Ferrous	any/any	H a s t - 2 6 0 2	Duplication Fluid	600-800 gal/yr	O m a h - 5 2 7 4
Metal -Non/Ferrous	any/any	D U O N - 3 5 2 9	Educational Materials	any/any	L i n c - 4 3 2 0
Metal -Non/Ferrous	any/any	O m a h - 4 1 4 4	Fluorescent Tubes/Ballasts	any/any	B e a t - 6 5 6 8
Metal -Non/Ferrous	lg qty/ns	L i n c - 4 1 5 9	Game Room Equipment & Supplies	any/any	O m a h - 8 4 0 6
Vehicles -Cars & Light Trucks	any/any	L i n c - 1 9 5 3	Gardening Tools -spades, rakes etc	any/any	L i n c - 7 0 5 7
Generating			Golf Cart	1/1x	B e a t - 7 1 5 2
Aluminum, Copper, Lead, Zamac	any/any	D U O N - 3 5 3 3	Hand Drier -Electric	4/1x	L i n c - 8 3 1 6
Aluminum Dust	3-5-4 t/yr	D a C i - 3 5 8 5	Hangers -Unremovable Coatroom	50/1x	L i n c - 8 2 4 0
Grinding Metal/Swarf	3-4 tons/week	K e a r - 1 2 0 6	Household Supplies	any/any	L i n c - 6 3 5 3
Wheelabrator Dust	200 tons/yr	K e a r - 1 2 0 5	Household Cleaning Supplies	any/any	L i n c - 6 7 5 5
Oils & Waxes Seeking			Hygine Products	any/any	O m a h - 7 5 7 2
Grease -Used Kitchen	all/ns	B e l v - 1 0 5 5	Kitchen Equipment & Supplies	any/any	L i n c - 6 3 4 9
Oil -Used Animal/Vegetable	all/ns	B e l v - 1 0 5 6	Lawnmower (Riding)&Snow Blower	1 ea/1x	G r l s - 7 5 4 2
Oil -Used	any/any	S C I A - 1 0 8 7	Medical Supplies	any/any	O m a h - 5 9 4 8
Oil -Used Mineral/Vegetable	3 trailer tanks/wk	T I I A - 6 5 8 2	Mercury Barometers	any/any	C o l u - 3 1 0 9
Oil -Used	any/any	K e a r - 6 6 8 2	Native Plants	any/any	R o c a - 5 6 5 7
Oil -Used Animal/Vegetable	lg qty/any	M I M N - 7 9 8 7	Office Supplies	any/any	L i n c - 3 3 4 8
Oils & Hazardous Waste	any/any	S P M N - 8 2 8 2	Office Supplies	any/any	O m a h - 4 3 7 0
Oil -Used Motor	any/any	F t C a - 6 5 7 7	Office Supplies	any/any	O g a l - 4 3 8 8
Oil Filters-Used	any/any	F t C a - 6 5 7 6	Office Supplies	any/any	B e a t - 7 6 9 7
Generating			Office Supplies	any/any	B e l v - 7 7 1 2
Oil -Used Animal/Vegetable	lg qty/og	M I M N - 7 9 8 8	Office Supplies	any/any	G r l s - 7 7 1 5
Fryer Oil	4yd/og	B u t t - 8 9 6 9	Office Supplies	any/any	N e C i - 7 8 8 2
Other Seeking			Office Supplies	any/any	W a l t - 8 4 5 7
Art Supplies	any/any	L i n c - 5 7 1 9	Office Supplies	any/any	A l l e - 8 5 0 1
Art Supplies	any/any	O m a h - 5 9 8 7	Office Supplies	any/any	V a l l - 8 5 0 9
Art Supplies	any/any	F i r t - 6 4 9 9	Office Supplies	any/any	A s h l - 8 6 6 7
Artwork	any/any	H a r t - 7 9 2 4	Office Supplies	any/any	C r o f - 8 7 1 9
Artwork	any/any	O m a h - 7 9 2 7	Office Supplies	any/any	P l a i - 8 7 6 9
Artwork	any/any	G r l s - 7 9 3 5	Office Supplies	any/any	C o l u - 8 8 3 7
Basketball Hoop -on stand	1/1x	L i n c - 6 2 4 3	Office Supplies	any/any	O n e i - 8 8 8 8
Batteries	any/any	H a s t - 3 5 1 8	Office Supplies	any/any	N o B e - 8 9 4 8
Batteries	any/any	B e a t - 6 5 6 9	Office Supplies	any/any	W e P o - 8 9 7 7
Bicycles -Working & for Parts	any/any	L i n c - 6 8 7 6	Office Supplies	any/any	B u r c - 8 9 8 3
Boxing Equipment	any/any	L i n c - 7 2 9 0	Office Supplies	any/any	F t C a - 6 5 7 6
Cleaning Supplies	any/any	G e r i - 4 3 8 2	Oil Filters -used	any/any	O m a h - 7 4 9 7
Cleaning Supplies	any/any	O m a h - 6 1 5 6	Park Benches & Patio Furniture	any/1x	L i n c - 6 2 4 4
Clothing -esp Maternity & Baby	any/any	L i n c - 6 3 7 2	Picnic Tables	any/any	L i n c - 7 2 8 8
			Ping Pong Tables	any/any	L i n c - 7 6 3 3
			Plants, Shrubs & Flowers	any/any	L i n c - 6 4 6 3
			Playground Equipment	any/any	L i n c - 7 2 8 8
			Pop & Snack Machines	any/any	C r o f - 5 5 4 9
			Printer Cartridges	8/mo	L i n c - 6 0 0 3
			School Supplies	any/any	V a l p - 7 3 5 5
			School Supplies	any/any	

Please note: The Nebraska Materials Exchange Program provides information about current listings and does not physically take possession of any items. Transportation details or monetary compensation (if any) for listed items is the responsibility of the parties involved.

Material	Qty.	ID#	Material	Qty.	ID#
Other Seeking (Continued)			Paper & Cardboard Seeking		
School Supplies	any/any	D a C i - 7 6 6 4	Cardboard/Paper	any/ns	O m a h - 1 9 3 4
School Supplies	any/any	B e a t - 7 7 6 4	Cardboard/Paper	any/ns	L i n c - 2 4 9 8
School Supplies	any/any	H a s t - 7 9 0 3	Cardboard/Paper	any/ns	H e n d - 3 0 1 2
School Supplies	any/any	H o l d - 7 9 5 8	Cardboard/Paper	any/ns	B l a i - 3 9 0 4
School Supplies	any/any	F i r t - 7 9 6 3	Cardboard/Paper	any/ns	B e a t - 3 9 2 0
School Supplies	any/any	R o c a - 7 9 7 3	Paper Products -Envelopes, etc	ns/ns	L i n c - 5 2 0 3
School Supplies	any/any	S e w a - 7 9 7 9	Paper -Scrap	any/any	T e c u - 5 2 9 4
School Supplies	any/any	C l a r - 7 9 9 4	Paper -Scrap	20 reams/qtr	C r o f - 5 5 5 0
School Supplies	any/any	N e C i - 8 1 0 7	Paper -Scrap	any/any	O m a h - 5 9 8 9
School Supplies	any/any	R a l s - 8 2 0 8	Generating		
School Supplies	any/any	O N e i - 8 2 4 1	Books	any/any	B e a t - 5 9 6 3
School Supplies	any/any	W a h o - 8 2 4 7	Plastics Seeking		
School Supplies	any/any	E m e r - 8 3 0 8	Garbage Bags	any/any	O m a h - 7 5 7 3
School Supplies	any/any	W a v e - 8 3 8 3	Plastics -#1 & #2	any/any	B e a t - 3 2 0 2
School Supplies	any/any	F a C i - 8 4 3 7	Plastics -#1 & #2	any/any	B l a i - 3 9 0 5
School Supplies	any/any	S p a l - 8 4 6 4	Plastics -#1 & #2	any/any	H e n d - 7 6 8 6
School Supplies	any/any	T e c u - 8 5 0 4	Plastics -#2	lg qty/ns	K e a r - 5 6 3 9
School Supplies	any/any	Y o r k - 8 5 1 9	Plastics -Un/Colored HDPE	ns/ns	O m a h - 5 9 4 0
School Supplies	any/any	P i e r - 8 5 5 4	Plastics -Various	any/ns	L i n c - 2 4 9 9
School Supplies	any/any	W e s t - 8 5 9 3	Plastics -Various	ns/ns	L i n c - 3 6 5 3
School Supplies	any/any	P l a t - 8 6 3 0	Plastics -Various	ns/ns	A U I L - 3 9 3 6
School Supplies	any/any	H e b r - 8 6 6 1	Plastics -Various	lg qty/ns	J A M O - 5 6 1 9
School Supplies	any/any	L a w r - 8 6 6 3	Plastics -Various	any/any	R a l s - 8 3 7 1
School Supplies	any/any	C r e t - 8 6 7 5	Styrofoam/Packing Peanuts	ns/ns	P I D a - 4 0 5 7
Slip Sheets - Plastic, 200 mm or more	1000/yr	G e r i - 4 5 8 3	Zip-Lock Bags	any/any	P I D a - 5 9 9 4
Trash Can Liners	500/qtr	N o P l - 5 1 3 0	Zip-Lock Bags	ns/ns	W h i t - 7 2 4 3
Toiletries -Soap, Shampoo etc	any/any	L i n c - 6 3 5 1	Generating		
Toys, Books, Activity Items for Kids	any/any	G r l s - 8 7 7 0	Adhesive Film	2 ton/og	C o l u - 2 3 3 4
Generating			Ester/Ethafoam	40 bags/mo	H a s t - 1 6 3 6
Clothing	any/any	L i n c - 6 3 1 0	Fiberglass Rebar Scrap	1 ton/mo	S e w a - 3 8 6 5
Wine Bottles -Blue, Red	200/mo	R a y m - 2 3 8 2	Plastics -ABS	300 lbs/yr	V a l l - 5 8 2 8
Paint Glass & Coatings Seeking			Plastic Containers -Contaminated	tons/ongoing	S C I A - 8 2 9 6
Bottles -Unbroken glass	any/any	L i n c - 4 1 6 0	Plastic Regrind	ns/ns	O m a h - 2 9 3 6
Coating -Powder All used/unused	any/any	L i n c - 8 7 8 0	Plastic Waste	200 lbs/6 mo	G e r i - 6 3 4 7
Glass	any/any	B l a i - 2 7 9 3	Polystyrene Beads	10 t/yr	C o l u - 5 4 5 7
Glass	any/any	H e n d - 7 6 8 4	PVC Vinyl Scrap	100 lbs/qtr	H a r v - 8 5 4 3
Glass	any/any	B e a t - 8 2 0 1	Super Sacks -2200 lb cap	600/yr	O m a h - 6 5 0 5
Paint	ns/ns	L i n c - 5 8 0 7	Rubber Seeking		
Paint	any/any	K e a r - 6 6 8 3	Rubber -Crumb	any/any	C H I L - 7 5 4 7
Paint	any/any	O m a h - 7 8 5 1	Rubber -Un/Cured Scrap	ns/ns	H a s t - 1 4 5 5
Paint, Solvents etc	any/any	S P M N - 8 2 8 1	Rubber -Un/Cured Scrap	any/any	D U O N - 3 5 3 2
Paint	any/any	P l a t - 8 6 2 8	Rubber -Un/Cured Scrap	ns/ns	D M I A - 4 1 9 4
Paint	any/any	H o l d - 8 6 4 2	Rubber -Un/Cured Scrap	any/any	H a s t - 5 9 1 9
Paint	any/any	C r e t - 8 6 7 6	Generating		
Paint	any/any	W h i t - 8 7 8 7	Rubber -Cork Scraps	20t/mo	N e C i - 2 4 1 6
Generating			Rubber -Crumb (\$)	ns/ns	D M I A - 4 1 9 5
Glass -Wine Bottles -Blue, Red	200/mo	R a y m - 2 3 8 2	Rubber -Crumb (\$)	ns/ns	D M I A - 5 7 3 3
Glass -Beer Bottles	250/wk	O g a l - 8 0 6 0	Rubber -Crumb (\$)	ns/ns	C H I L - 7 5 4 7
Paint -Mistints	ns/ns	O m a h - 3 5 9 1	Rubber -Dust, Ground Vulcanized	100t/yr	L i n c - 6 5 2 2
Paint -1 & 5gal mixed intermitently	varies/og	L i n c - 7 9 5 6	Rubber -Un/Cured	20t/wk	M c C o - 1 2 8 3
Glass	ns/og	G r l s - 8 8 4 1	Rubber -Vulcanized Black Trimmings	150t/yr	L i n c - 6 5 2 4

Material	Qty.	ID#	Material	Qty.	ID#
<u>Sand Gravel & Clay</u>			<u>Surplus Equipment</u>		
Seeking			Seeking (Continued)		
Diatomaceous Earth	100 tons/mo	Colu-6602	School Equipment & Furniture	any/any	Clar-7993
Generating			School Equipment & Furniture	any/any	Neci-8108
Carbon Black & Silica Mixture	145 tons/yr	Linc-6523	School Equipment & Furniture	any/any	Rals-8207
Diatomaceous Earth	100 tons/mo	Blai-2015	School Equipment & Furniture	any/any	Waho-8222
Gypsum	100 tons/mo	Blai-5642	School Equipment & Furniture	any/any	Emer-8307
<u>Surplus Equipment</u>			School Equipment & Furniture	any/any	Faci-8436
Seeking			School Equipment & Furniture	any/any	Firt-8449
Baler -for Cardboard	1/1x	Thed-7728	School Equipment & Furniture	any/any	Spal-8463
Bleachers	any/any	Linc-5905	School Equipment & Furniture	any/any	Pier-8553
Clothing Racks	ns/ns	Omah-4821	School Equipment & Furniture	any/any	Plat-8629
Display & Trophy Cases	any/any	WeWa-7986	School Equipment & Furniture	any/any	Hebr-8660
Golf Cart	1/1x	Omah-5349	School Equipment & Furniture	any/any	Lawr-8662
Household Furniture	ns/ns	StPa-4977	Space Heater	1/1x	Cret-8674
Household Furniture	any/any	Whit-5036	Tables & Chairs	any/any	Grls-6484
Household Furniture	any/any	Linc-6346	Workstations	any/any	Linc-8671
Lawnmower (Riding)&Snow Blower	1 ea/1x	Grls-7542	<u>Textiles & Leather</u>		
Medical Equipment & Supplies	any/any	Linc-5684	Seeking		
Office Equipment & Furniture	any/any	Beat-2625	Clothing -Maternity & Baby	any/any	Linc-6372
Office Equipment & Furniture	any/any	Ogal-4385	Clothing & Shoes	any/any	Omah-7163
Office Equipment & Furniture	any/any	Omah-4973	Fabric -Batting for Quilts	varies/ns	Linc-4017
Office Equipment & Furniture	any/any	NoPl-5157	Fabric & Carpet	any/any	Linc-8317
Office Equipment & Furniture	any/any	Linc-5421	Leather & Scrap quilting mat'l	any/any	Whit-7244
Office Equipment & Furniture	any/any	Belv-6285	Generating		
Office Equipment & Furniture	any/any	Vall-6288	Canvas Cotton Scrap	ns/ns	Milf-1548
Office Equipment & Furniture	any/any	Grls-6484	Fabric/Vinyl	lg qty/mo	Linc-6497
Office Equipment & Furniture	any/any	Crof-6816	Vinyl Scrap	ns/og	Alle-7749
Office Equipment & Furniture	any/any	Neci-7880	Yarn -Industrial, Off White to Yellow	5000 lbs/ mo	MCCO-1282
Office Equipment & Furniture	any/any	Hart-8069	<u>Wood</u>		
Office Equipment & Furniture	any/any	Walt-8456	Seeking		
Office Equipment & Furniture	any/any	Alle-8500	Cedar & Other Wood Chips	any/any	Ord-8978
Office Equipment & Furniture	any/any	Ashl-8666	Oak Scrap	any/any	PIDa-6867
Office Equipment & Furniture	any/any	Plai-8768	Particle Board Scrap	any/any	Blai-7428
Office Equipment & Furniture	any/any	NoBe-8947	Sawdust	ns/ns	ANIA-3927
Office Equipment & Furniture	any/any	WePo-8976	Sawdust	ns/ns	Vall-6135
Office Equipment & Furniture	any/any	Burc-8982	Tree & Yard Waste for Mulch	any/ns	Gret-7574
Pallet Racks	ns/ns	NoPl-4953	Tree & Yard Waste for Mulch	any/any	Colu-8193
Pillows	100-200/any	Omah-4994	Wood Waste	any/any	Linc-3829
Scale -Industrial	1/1x	Omah-7164	Wood Waste	any/any	Bell-4766
School Equipment & Furniture	any/any	Linc-4412	Wood Waste	any/any	Frem-6180
School Equipment & Furniture	any/any	Omah-5986	Wood Waste	any/any	CHIL-7274
School Equipment & Furniture	any/any	Beat-6705	Wood Scraps -hardwood	any/any	Linc-8792
School Equipment & Furniture	any/any	Sewa-6724	Generating		
School Equipment & Furniture	any/any	Wave-6729	Mulch	lg qty/ns	Linc-3972
School Equipment & Furniture	any/any	Daci-6751	Oak -Rough or Surface Cut Offs	2 semi/yr	Beat-1372
School Equipment & Furniture	any/any	Valp-7356	Plywood -Laminated Scraps	400lb/mo	Hast-1637
School Equipment & Furniture	any/any	West-7818	Wood Spools -Various Sizes	30/mo	Linc-8752
School Equipment & Furniture	any/any	Hast-7902	Wood Waste	any/any	CHIL-7273
School Equipment & Furniture	any/any	York-7904	Wood -4x4 var lengths	ns/wk	YASD-8940
School Equipment & Furniture	any/any	Hold-7905			
School Equipment & Furniture	any/any	Norf-7908			
School Equipment & Furniture	any/any	Roca-7974			
School Equipment & Furniture	any/any	Nei-7992			

Nebraska Materials Exchange Program Application

Identify the waste stream or surplus material you are generating or seeking. The more information provided, the more likely an exchange will occur. Questions? Call Keep Nebraska Beautiful at 800.486.4562. (or in Lincoln 486.4622) Please complete all applicable items. If you have more than one item, copy this form for each, or attach a list of materials & quantities.

Company/Organization _____ Date _____
 Contact _____ Email _____
 Mailing Address _____
 City _____ State _____ ZIP _____
 Phone () _____ Fax () _____

1. Is your company/organization a 501(c) 3 nonprofit organization? Yes No
2. May we release your name/address/phone to interested parties? Yes No
3. Are you SEEKING or GENERATING this material? Seeking Generating
4. Please Specify Material Here: *Generic name or primary usable constituent (If plastic, list mfg. & commercial name/grade #):

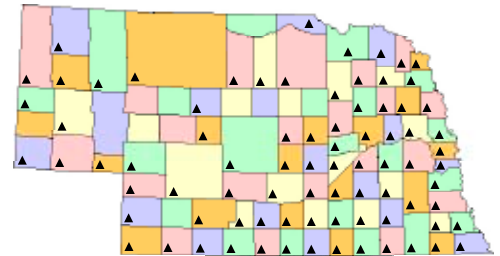
-
5. List quantity (in units: pounds, etc.): _____ Per: Day Week Month Quarter Year 1X only
 6. Physical state: (if applicable) Liquid Slurry Solid Semi-solid Sludge Dust Cake Gas Other
 7. Packaging: (circle one) Bulk Drums Dumpsters Gaylords Pallets Bales Other _____
 8. General information as known: chemical composition, type of plastic, main ingredients, cost, pH, toxicity, reactivity, color, particle size, flash point, total solids, purchase date, industrial process generating this material, contaminants, etc.

-
9. Available to interested parties: (if applicable) _____ Sample _____ Lab Analysis _____ Independent Analysis
 10. Please list any items your company would be willing to donate to schools or nonprofit organizations.
 (Working computers, office furniture and equipment, cleaning supplies, etc.)

Thanks for your interest in the Materials Exchange. We'll keep in contact regarding your listing, & send email notices regarding the electronic publication of our quarterly newsletter The Link. If an Exchange referral results in a match, we'd appreciate the information - landfill diversion totals ensure the Exchange remains accessible & free to all Nebraskans.



Please mail, fax, or complete this form online:
 Keep Nebraska Beautiful,
 3201 Pioneers Blvd., Suite 118
 Lincoln, NE 68502-5963
 Fax: (402) 486-4563
 Online at: www.knb.org/exchange_form.html



Do Your Part To Help Keep Nebraska Beautiful! Become A Member Today!

Name _____
 Co./Org. _____
 Mailing Address _____
 City/State/Zip _____
 Phone: () _____ Fax: _____
 Email: _____

Your paid membership entitles you to the following benefits. Please indicate the benefits you would like to receive below. Items not checked will not be sent and that part of your contribution will be used on educational programs.

- A KNB reusable shopping bag
- Information on workshops & conferences
- Email notice for quarterly publication The Link email address _____

For Sustaining, Sponsoring & Supporting Members Only:
 Corporate member wall plaque (or brass disc for renewals)

- Categories of Membership (please check one)**
- Sustaining Member \$1000+/yr
 - Sponsoring Member \$500-999/yr
 - Supporting Member \$100-499/yr
 - Chamber of Commerce \$75/yr
 - Community-Pop over 5,000 \$100/yr
 - Community-Pop under 5,000 \$50/yr
 - Non-profit/Civic Org/School \$35/yr
 - Family \$30/yr or \$75/3 yrs
 - Individual \$20/yr or \$50/3 yrs

Total amount enclosed \$ _____

Send your check and membership form to:

Keep Nebraska Beautiful
3201 Pioneers Blvd., Suite 118
Lincoln, NE 68502-5963

Make Checks Payable to: Keep Nebraska Beautiful

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Telephone: (402) 486-4562 Fax: (402)486-4563 Web Site: <http://www.knb.org> Email: info@knb.org

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