

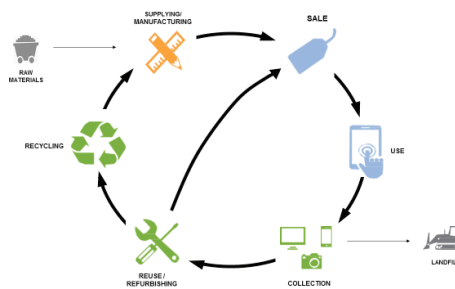
EPA Helping Communities Manage Electronic Waste

Cell phones, televisions, laptops, tablets, watches – there is always something shinier, newer, faster, and smarter to choose from in the world of electronic devices. Americans currently own more than 3 billion electronic products. The average American has 24 devices per household. As the use of these electronic products has grown, the average lifespan of these products becomes shorter. This in turn has resulted in increased volume of discarded and obsolete electronic devices. The resulting waste, commonly known as “e-waste,” is the fastest-growing component of the municipal waste stream in the United States. According to the Global E-Waste Monitor (2017) this has become an emerging problem worldwide, with an estimated 40 million tons of e-waste being generated every year, with less than 30 percent being recycled. The remaining e-waste materials are discarded in landfills or incinerated.

Recovering materials from this waste stream poses challenges. “Management of the electronic waste is related to composition,” said EPA researcher John Glaser. “Separating different items or assemblages should occur early in the recycling pathway. Generally, much more complex mixtures of e-waste materials lead to a situation where material recovery is very limited.”

To help understand and improve the flow of used electronics products from consumer markets to the waste or reuse stream, EPA

researchers have developed the Alternative Disposition of Electronics Planning Tool, also called ADEPT. ADEPT is a modeling tool that uses electronics purchasing data to estimate the composition and quantity of electronic materials designated as waste or reuse. The tool tracks the generation of e-waste on an annual basis for each state and estimates the material flow from end-of-use to disposal. This method uses a market supply method to calculate the amount of e-waste that will be generated,



reused, recycled, exported, and disposed of in landfills.

E-waste products may contain valuable materials, such as gold, copper and nickel, and rare materials of strategic value such as indium and palladium. Many of these materials can be recovered and reused, while hazardous materials in e-waste, such as mercury, lead, and brominated flame retardants, may require special disposal.

“The simpler the composition of recycling materials, the easier the task of recycling,” explained Glaser. “Separating items may take additional time and money and

may be avoided by a recycling company in search of a profit.” ADEPT can be used to make predictions of future waste generation demands and to evaluate different disposal scenarios of used electronics at both state and national levels. It can also be a useful tool for states to understand how much and what type of e-waste is being generated in their state. This information can be used to improve existing recycling programs.

“ADEPT was designed to be a flexible tool that can be valuable to many users,” said Glaser. “The utility of ADEPT extends from state regulators to interested people in our communities.” In the hands of state officials and manufacturers, ADEPT can be used to measure the value of current state takeback programs. Many electronics companies and retailers have voluntary takeback programs where they offer takeback and recycling options for e-waste even in states where there is no law requiring it. Manufacturers who participate in the takeback program can use ADEPT to estimate the composition of current and future year’s material in the state takeback program. If done properly, the United States can increase its domestic recycling efforts, reduce harm from exports of E-Waste, strengthen domestic and international markets for viable and functional used electronic products, and prevent health and environmental threats from e-waste.

First Published June 1, 2021

**The 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

Bob Verkuilan
PRESIDENT & CEO

Peter Stadig
PROGRAM MANAGER

BOARD OF DIRECTORS

Mike Bassett
BLAIR

Matt Boerkircher
AURORA

Andy Brown
LINCOLN

Rae Brown
WAYNE

Dick Coffey
OMAHA

Andrew Fereday
OMAHA

Jocelyn Golden
LINCOLN

Matt Gutzmann
BLAIR

Terry Hawley
OMAHA

Kyle Hildebrand
OMAHA

Adam Hoebelheinrich
LINCOLN

Tory Kort
HASTINGS

Mike Linder
OMAHA

Mike Miller
OMAHA

Steve Mossman
LINCOLN

Blake Peterson
OMAHA

Edie Ryba
COLUMBUS

Angie Ullman
OMAHA

Kim Wiese
LINCOLN

Jeff Witt
LINCOLN

AFFILIATE LIASON
Chris Vail
OGALLALA

Ex-Officio Members

Pete Ricketts
Governor of Nebraska

Jim Macy
Director, NE DEE

Sticky Situation

By John E. Weare
Keep Alliance Beautiful

Giant bees painted on pavement in Alliance catch drivers' eyes. A giant hive at an Omaha Catholic school meant plenty of honey and thousands of re-homed insects.

My honey bee connection comes from a story told by Eric Krakowski, assistant principal, at Duchesne Academy of the Sacred Heart, during the recent 2021 Keep Nebraska Beautiful (KNB) Conference in Lincoln. During a project, workers found a one- by eight-foot honeybee hive that had been growing for years under the exterior of a building. He explained the school took measures to relocate all 50,000 bees to midtown Omaha hives and processed the honeycomb. Their unexpected task benefitted from the principal's beekeeping hobby. Speaking on "Sustainability in Our Schools," Krakowski said one of their goals is to have bee hives on the roof. Sustainability includes everything from recycling to energy efficiency with a different approach by any given school district in Nebraska. Looking at our Bulldog Green, for example, Alliance High School is a bit larger than the 450 people on campus at Duchesne. And, realistically, I cannot compare the two (east vs. west, public vs. private, etc.) beyond size. Instead, the takeaway for me was to consider what this all-girls school continues to accomplish after addressing sustainability to its mission and curriculum.

Schools putting sustainability near the top of the list often have a catalyst, perhaps a teacher or administrator willing to spearhead the effort. Maybe the new practices help finances stay in the black. At Duchesne, Krakowski recalled, the school responded to Pope Francis' encyclical -- "Laudato Si' on care for our common home" in 2015. An anonymous donor (paying half) helped underwrite the plan to respond to the pope's message on the environment, he said. A survey the next year returned at 94

percent saying what the school hoped to do was "important or very important." "That was very encouraging," Krakowski said.

Over the past five years Duchesne has been working to meet four goals:

- Zero waste by 2030
- Net positive energy by 2030
- Sustainable food system
- Sustainability curriculum

Krakowski highlighted practices, projects and data concerning each goal. Staff performed an initial waste audit that has been repeated every six months. Calling what they started with a "piecemeal recycling program," Krakowski showed how improved recycling and composting helped reduce waste. Students and staff had been producing 15 cubic yards of waste before compared to six or seven, sometimes less, now. Leftovers from the vegetarian lunch program go to a commercial composting site. No styrofoam or plastic is used in the cafeteria either.

The building itself -- more than a century old -- has been retrofitted to be more environmentally friendly. Krakowski said the school has been Energy Star certified since 2016. "Only eight percent of certified buildings are more efficient," he added. Two years ago they added 30 solar panels on the library roof meant to offset the power demands of the STEAM lab. The array has met or exceeded the objective.

Though the presentation included a number of other environmental activities, Krakowski concluded with practical advice. Schools or communities leery of making sustainability a priority should consider this sampling of the assistant principal's suggestions: Start with you; start simple, create a plan; empower others; and it's okay to make mistakes. Communicate

Let your friends and family know what you're doing and help them get involved. Write letters to companies that over-package and tell them you're concerned about this issue. You'll be surprised how powerful leading by example can be!

Material	Qty.	ID#	Material	Qty.	ID#
Highlighted Items			Chemicals		
Seeking			Seeking		
Aluminum & Tin Scrap	any/any	Linc-9641	Acids - All	any/any	Linc-2439
Aluminum & Tin Scrap	any/any	Hold-9745	Acids - All	any/any	ABKS-6774
Asphalt, concrete & brick rubble	any/any	Omah-9741	Acids - Boric	ns/ns	Linc-1825
Batteries - no alkaline or button	any/any	Linc-9643	Acid - Hydrochloric	any/any	Beat-9046
Batteries	any/any	Murr-9729	Chemicals - Various	any/any	Omah-3513
Computer & Electronic Scrap	any/any	Blai-9736	Chemicals - Various	lg qty/ns	BRIN-5319
Foodstuff	any/any	Linc-9633	Chemicals - Various	any/any	TIIA-6598
Glass & Ceramic Tiles	any/any	Imperial	Chemicals - Various	any/any	Kear-6681
Household Hazardous Waste	any/any	Linc-9601	Chemicals - Various	any/any	Hast-7020
Metal Scrap	any/any	Murr-9729	Chemicals - Various	any/any	ARCO-8852
Office Equipment & Furniture	any/any	Impe-9622	Household Hazardous Waste	any/any	Omah-9598
Office Equipment & Furniture	any/any	Dave-9637	Household Hazardous Waste	any/any	Linc-9601
Office Equipment & Furniture	any/any	Elmw-9648	Manganese Sulfate	any/any	Omah-9158
Office Equipment & Furniture	any/any	Aubu-9656	Sodium Hydroxide - Pellets/Liquid	any/any	Linc-1883
Office Equipment & Furniture	any/any	Bell-9689	Zinc Acetate Dihydrate	any/any	Omah-9158
Office Equipment & Furniture	any/any	LaVi-9702	Generating		
Office Equipment & Furniture	any/any	Hold-9713	Carbon - Granular, Wet Activated	50 lb/1x	Grls-6817
Office Supplies	any/any	Impe-9623	Chromium Hydroxide	1-2 t/wk	xxxx-4681
Office Supplies	any/any	Dave-9638	Propylene Glycol	lg qty/1x	Blai-9711
Office Supplies	any/any	Elmw-9649	Sodium Metal - raw powder	400 lb/mo	Kear-8844
Office Supplies	any/any	Aubu-9657	Construction Materials		
Office Supplies	any/any	Bell-9690	Seeking		
Office Supplies	any/any	LaVi-9703	2x4's & Plywood for Shelving	any/any	Linc-8223
Office Supplies	any/any	Hold-9714	Brick, Block, Limestone	any/any	Linc-3120
Paper & Cardboard	any/any	BeCi-9730	Brick	any/any	Tecu-8615
Paper & Cardboard	any/any	Hoop-9732	Brick	any/any	Linc-8616
Paper & Cardboard	any/any	O'Nei-9734	Bldg Mat'l - Insulation, Siding	any/any	Linc-3139
Paper & Cardboard	any/any	Clar-9739	Bldg Mat'l - Doors, windows etc	any/any	Omah-3319
Paper & Cardboard	any/any	Hold-9746	Bldg Mat'l - 2x4's, Plywood	any/any	Vall-6545
Pallets - Light Duty Block	any/any	Hast-9624	Ceiling/Flooring Tiles, Carpet	any/any	Grls-6258
Plastics - #1 - #7	any/any	BeCi-9731	Doors & Windows	any/any	Beat-6945
Plastics - #1 - #2	any/any	Hoop-9733	Doors - Interior	ns/any	Linc-9303
Plastics - #1 - #2	any/any	O'Nei-9735	Doors - Interior	ns/any	Alli-9304
Plastics - #1 - #2	any/any	Clar-9740	Glass Block	any/any	Alle-8678
Plastics - #1 - #7	any/any	Hold-9744	Glass Block	any/any	Onei-8713
School Equipment & Furniture	any/any	Loui-9677	Light Fixtures	any/any	Linc-7332
School Supplies	any/any	Loui-9678	Light Fixtures	any/any	Hold-7341
Generating			Light Fixtures	any/any	Omah-8407
Cold Packs	ns/og	Linc-9607	Lumber	any/any	Linc-7031
Nitric Acid	5,316 kg/1x	Blai-9770	OSB/Plywood Scrap	any/any	Blai-7428
Propylene Glycol	2.5 totes/1x	Blai-9711	OSB/Plywood Scrap - 12"x12"+	any/any	Omah-7849
Super Sacks	ns/og	Clar-9694	Tiles - 3/4"-1", Adhesive & Grout	500/1x	Blai-8400
Wood Waste	any/any	CBIA-9698	Generating		
Ag Products			Lumber Scrap -less than 20" long	ns/ns	Omah-8327
Seeking			Containers & Pallets		
Compost	ns/ns	Gret-9316	Seeking		
Compost	ns/ns	Firt-9318	Bags - Burlap, Zip-Lock	ns/ns	PIDa-5994
Grass Clippings	any/any	Beat-7206	Bags - Burlap	ns/ns	NoPI-8461
Manure/Fertilizer	ns/ns	Omah-8159	Bags - Burlap	any/any	Linc-9502
Rice Hulls	any/any	Ord-9583	Bags - Trash, all sizes	ns/ns	Omah-7573
Generating			Bags - Paper /Plastic	any/any	Omah-4979
Compost	ns/ns	Gret-9317	Bags - Plastic Grocery	900/1x	Grls-9082
Compost	ns/ns	Firt-9319	Bags - Zip-Lock, Food Grade	any/any	Linc-6308
Compost	ns/ns	Omah-9384	Boxes - Medium Shipping	any/any	Linc-6885
Horse Manure w/ Wood Chips	1 ton/wk	Vall-5254	Buckets - 5 gal plastic	any/any	PIDa-4063
Horse Manure	1 ton/wk	Roca-7271			
Organic Material/Food Waste	any/any	Linc-9575			

Material	Qty.	ID#	Material	Qty.	ID#
(Seeking Containers & Pallets Continued)			<u>Durables & Electronics</u>		
Buckets - 5 gal Plastic	any/any	Omah-8450	Seeking		
Buckets - 5 gal w/ Lids	any/any	Brad-9418	Audio/Visual Equipment -all	any/any	Omah-6365
Composters	any/any	Kear-8119	Computers & Electronic Scrap	any/any	Omah-2915
Crates - Wood	any/any	Linc-2788	Computers & Electronic Scrap	any/any	Linc-5978
Crates - Various Sizes	any/any	NoPl-9400	Computers & Electronic Scrap	any/any	Kear-7258
Drums - Fiber	any/any	Linc-7168	Computers & Electronics Scrap	any/any	NoPl-9401
Drums - Plastic, Steel any size	any/any	Omah-1173	Computers & Accs - Working	any/any	Linc-5532
Drums - Plastic, Steel any size	any/any	Hast-2165	Computers & Accs - Working	any/any	NeCi-7881
Drums - Steel 55 gal	any/any	PIDa-4063	Computers & Accs - Working	1/1x	Grls-7896
Gaylord Boxes	any/any	Linc-2787	Computers & Accs - Working	any/any	Omah-8386
Gaylord Boxes	any/any	Omah-5577	Computers & Accs - Working	any/any	Sewa-8559
Gaylord Boxes	any/any	Kear-5645	Computers & Accs - Working	any/any	ONei-8603
Gaylord Boxes	any/any	Impe-6471	Computers & Accs - Working	any/any	Vall-8633
Gaylord Boxes	several/mo	York-8720	Computers & Accs - Working	several/1x	Howe-9114
Gaylords - Various Sizes	any/any	NoPl-9400	Computers & Accs - Working	any/any	TaRo-9169
Gaylords - Archival Quality	any/any	Beat-9597	Computers & Accs - Working	any/any	DaCi-9226
Pallets	any/any	Frem-1057	Computers & Accs - Working	any/any	Beat-9228
Pallets	any/any	Omah-1381	Computers & Accs - Working	any/any	Grls-9245
Pallets	200/mo	Linc-2789	Computers & Accs - Working	any/any	Linc-9435
Pallets	any/any	Gret-4532	Decibel Meter - Conn Dynalevel	1/1x	NeCi-9467
Pallets	any/any	Hast-6925	Monitors - Flat Screen	any/any	Linc-9468
Pallets - Wood or Plastic	any/any	NoPl-9400	Monitors - Flat Screen	any/any	Omah-8104
Polytotes - 225-345 gal	any/any	FtCa-1276	Paper Folding Machine	1/1x	Linc-6343
Polytotes - 225-350 gal	any/any	Omah-6406	Printer/Copier	1/1x	Beat-6947
Polytotes	ns/ns	PIDa-6616	Printer/Copier	1/1x	Valp-7357
Polytotes - 250 gal IBC	any/any	NoPl-9400	Printer/Copier	1/1x	Grls-9053
Super Sacks	any/any	Omah-7400	Printer/Copier	1/1x	Sewa-9175
Super Sacks	any/any	Linc-7610	Printer/Copier	any/1x	Grls-3918
Super Sacks	any/any	Frem-8514	Projector - LCD,Laptop,Digi Cam	1/1x	Ogal-4387
Generating			Projector - LCD	1/1x	Omah-6049
Bags - Plastic Lined	1 dmpr/3 wks	Geri-4590	Projector - LCD	1/1x	Linc-6357
Bags - Various Sizes	several/og	Linc-9470	Projector - Overhead	any/any	Omah-6509
Bags - Burlap	150/mo	NoPl-9501	Projector - Overhead, DVD	any/any	Linc-7937
Coolers - Styrofoam	ns/og	Linc-9465	Telephone Handsets -2 line	any/1x	Alli-9199
Crates - Wood 4'x8' & 5'/12'x30"	5-10/wk	Linc-6826	Telephone Handsets - Cord/less	15/1x	Omah-8104
Crates - 33"x33"x28"H	40/mo	Grls-8679	Telephone System -2+ lines	1/1x	Cret-9154
Drums - Fiber 30 gal no lids	200-300/yr	Omah-1751	Telephone System	1/1x	York-9460
Drums - Fiber (sm) -15"x11"	600/mo	Grls-7365	Telephone & Computer Systems	any/any	Ogal-4387
Drums - Plastic 55 gal Food Grade \$	any/any	Hast-6920	TVs w/& DVD Player	1/1x	Linc-6575
Drums - Plastic 55 gal	8/mo	NeCi-7495	TVs w/& DVD or VHS Player	any/any	
Drums - Plastic 55 gal	30/mo	Harv-9163	Food		
Drums - Steel or Plastic \$	any/any	Omah-6735	Seeking		
Gaylord Boxes	50/qtr	Hast-5666	Compost - Commercial	any/any	Ashl-9316
Gaylord Boxes	lg qty/any	Omah-8597	Compost - Commercial	any/any	Firt-9318
Gaylord Boxes	lg qty/mo	NoPl-9501	Generating		
Pallets	ns/wk	Kear-4113	Compost - Bagged	any/any	Ashl-9317
Pallets	ns/ns	Omah-6468	Compost - Bagged	any/any	Firt-9319
Pallets	any/any	Hast-6921	Compost	any/any	Omah-9384
Polytotes -225-345 gal \$	any/any	Omah-3726			
Polytotes - 225 - 345 gal	55/mo	NoPl-9501			
Super Sacks	ns/ns	Linc-8413			
Super Sacks	150/mo	NoPl-9501			

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.

\$=charge	dmpr=dumpster	ltr=liter	ns=not specific	qtr=quarter	t=ton
1X=one-time amount	gal=gallon	ml=milliliter	og=ongoing	qty=quantity	wk=week
cont=container	gd=gaylord box	mo=month	plts=pallets	semi=semi trailer load	yd=yard
cu.yd.=cubic yard	lg=large	mt=metric ton	pu=pickup load	tl=truck load	

Material	Qty.	ID#	Material	Qty.	ID#
Metals			(Seeking Other Continued)		
Seeking			Ed Tech Supplies	any/any	Linc-8602
Aluminum & Tin	ns/ns	Beat-3921	Fluorescent Tubes/Ballasts	any/any	Beat-6568
Aluminum & Tin	500 lb/min	Omah-5939	Game Room Eqpt & Supplies	any/any	Omah-8406
Aluminum & Tin	ns/ns	Blai-7427	Gardening Tools - spades rakes etc	any/any	Linc-7057
Aluminum Scrap	any/any	Hend-7685	Golf Cart	1/1x	Beat-7152
Aluminum Scrap	ns/ns	Omah-8637	Hangers -Unremovable Coatroom	50/1x	Linc-8240
Metals - Cans, Tin & Aluminum	any/any	NoPl-9402	Household Supplies	any/any	Linc-6353
Metals - Non/Ferrous	lg qty/ns	Linc-1955	Hygiene Products	any/any	Omah-7572
Metals - Non/Ferrous	any/any	Kear-1978	Kitchen Equipment & Supplies	any/any	Linc-6349
Metals - Non/Ferrous	any/any	Omah-2481	Medical Supplies	any/any	Omah-5948
Metals - Non/Ferrous	any/any	Hast-2602	Medical Supplies	any/any	Kimb-9258
Metals - Various Nonferrous	any/any	NoPl-9402	Native Plants	any/any	Roca-5657
Vehicles - Cars & Light Trucks	any/any	Linc-1953	Office Supplies	any/any	Linc-3348
Generating			Office Supplies	any/any	Omah-4370
Grinding Metal/Swarf	3-4 tons/week	Kear-1206	Office Supplies	any/any	Ogal-4388
Grinding Wheels - Silicate	12 tons/mo	Kear-4114	Office Supplies	any/any	Beat-7665
Wheelabrator Dust	200 tons/yr	Kear-1205	Office Supplies	any/any	Grls-7715
Oils & Waxes			Office Supplies	any/any	NeCi-7882
Seeking			Office Supplies	any/any	Alle-8501
Household Hazardous Waste	any/any	Omah-9599	Office Supplies	any/any	Vall-8509
Household Hazardous Waste	any/any	Linc-9602	Office Supplies	any/any	Ashl-8667
Oil - Used	any/any	SCIA-1087	Office Supplies	any/any	TaRo-8874
Oil - Used Motor	any/any	FtCa-6577	Office Supplies	any/any	Blai-8884
Oil - Used Mineral/Vegetable	3 tanks/wk	TIIA-6582	Office Supplies	any/any	Kear-8892
Oil - Used	any/any	Kear-6682	Office Supplies	any/any	Sewa-8920
Oil - Used Fryer	any/any	Omah-9206	Office Supplies	any/any	Burc-8983
Oil Filters - Used	any/any	FtCa-6576	Office Supplies	any/any	Wisn-9032
Other			Office Supplies	any/any	Alli-9062
Seeking			Office Supplies	any/any	Howe-9113
Art Supplies	any/any	Linc-3668	Office Supplies	any/any	Scot-9120
Art Supplies	any/any	Firt-6499	Office Supplies	any/any	Colu-9339
Artwork	any/any	Hart-7924	Office Supplies	any/any	Waco-9410
Artwork	any/any	Omah-7927	Office Supplies	any/any	Roca-9485
Athletic Equipment	any/any	Linc-9131	Office Supplies	any/any	Madi-9547
Basketball Hoop on stand	1/1x	Linc-6243	Office Supplies	any/any	Rand-9554
Batteries	any/any	Hast-3518	Office Supplies	any/any	Pilg-9557
Batteries	any/any	Beat-6569	Office Supplies	any/any	Loui-9560
Boxing Equipment	any/any	Linc-7290	Office Supplies	any/any	Sidn-9562
CD's & DVD's	any/any	Grls-9367	Office Supplies	any/any	Schu-9568
Cleaning Supplies	any/any	Geri-4382	Office Supplies	any/any	DkCi-9571
Cleaning Supplies	any/any	Linc-6755	Oil Filters - used	any/any	FtCa-6576
Clothing - esp winter coats	ns/ns	Linc-6352	Park Benches & Patio Furniture	any/1x	Omah-7497
Clothing & Shoes	any/any	Omah-7163	Plants, Shrubs & Flowers	any/any	Linc-7633
Craft Materials	any/any	Kear-8115	Playground Equipment	any/any	Linc-6463
Curtain Mat'l for Sound Reduction	any/any	Linc-6603	Pop & Snack Machines	any/any	Linc-7288
Custodial Materials/Supplies	any/any	Linc-5184	Residential Supplies	any/any	Linc-9143
Diapers - All Sizes	any/any	Scot-5416	School Supplies	any/any	Linc-6003
Die Cut Lettering Mat'ls	any/any	Hold-6515	School Supplies	any/any	Valp-7355
Dinnerware - Disposable	any/any	Omah-5346	School Supplies	any/any	DaCi-7664
Duplication Fluid	600-800 gal/yr	Omah-5274	School Supplies	any/any	Chen-7901
Educational Materials	any/any	Linc-4320	School Supplies	any/any	Hast-7903
			School Supplies	any/any	Hold-7958
			School Supplies	any/any	Firt-7963
			School Supplies	any/any	Roca-7973
			School Supplies	any/any	Sewa-7979
			School Supplies	any/any	Clar-7994

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#
(Seeking Other Continued)			(Seeking Paper & Cardboard Continued)		
School Supplies	any/any	NeCi-8107	Paper Products - Classroom use	any/any	Tecu-5294
School Supplies	any/any	Omah-8190	Paper Products - Household use	any/any	Scot-4383
School Supplies	any/any	Rals-8208	Paper Products - Office use	ns/ns	Linc-5203
School Supplies	any/any	ONei-8241	Paper, Office PAK	any/any	NoPl-9403
School Supplies	any/any	Waho-8247			
School Supplies	any/any	Emer-8308			
School Supplies	any/any	Wave-8383			
School Supplies	any/any	FaCi-8437			
School Supplies	any/any	Spal-8464			
School Supplies	any/any	Tecu-8504			
School Supplies	any/any	York-8519			
School Supplies	any/any	Pier-8554			
School Supplies	any/any	West-8593			
School Supplies	any/any	Cret-8611			
School Supplies	any/any	Plat-8630			
School Supplies	any/any	NoBe-8948			
School Supplies	any/any	Rand-9267			
School Supplies	any/any	Spen-9270			
School Supplies	any/any	Kear-9342			
School Supplies	any/any	Banc-9355			
School Supplies	any/any	Wilb-9358			
School Supplies	any/any	Orch-9511			
Toiletries - Soap, Shampoo etc	any/any	Linc-6351			
Toys, Books, Activities for Kids	any/any	GrIs-8770			
Trash Can Liners	500/qtr	NoPl-5130			
Generating			Generating		
Clothing - Women's, interagency	any/any	Linc-6310	Cardboard	ns/ns	Norf-9517
Household Supplies	ns/ns	Linc-7663	Paper Roll Cores	1100/mo	Omah-9585
Paint Glass & Coatings			Plastics		
Seeking			Seeking		
Glass - Recyclable	any/any	Blai-2793	Bubble Wrap, Packing Peanuts	any/any	Linc-3971
Glass - Recyclable	any/any	Hend-7684	Foam & Polystyrene	any/any	Mead-9115
Glass - Recyclable	any/any	Beat-8201	HDPE Pipe & Tubing	any/any	NoPl-9404
Glass - Recyclable	any/any	Linc-9390	Plastics - #1 & #2	any/ns	Linc-2499
Household Hazardous Waste	any/any	Omah-9600	Plastics - #1 & #2	any/any	Beat-3202
Household Hazardous Waste	any/any	Linc-9603	Plastics - #1 & #2	any/any	Blai-3905
Paint	ns/ns	Linc-5807	Plastics - #1 & #2	any/any	Hend-7686
Paint	any/any	Kear-6683	Plastics - #1 & #2	any/any	NoPl-9404
Paint	any/any	Omah-7851	Plastics - #2	lg qty/ns	Kear-5639
Paint	any/any	Plat-8628	Plastics - Un/Colored HDPE	ns/ns	Omah-5940
Paint	any/any	Hold-8642	Plastics - Various	ns/ns	Linc-3653
Paint	any/any	Cret-8676	Plastics - Various	any/any	Rals-8371
Powder Coating - All	any/any	Linc-8780	PVC Irrigation Pipe & Siding	any/any	NoPl-9404
Generating			Styrofoam/Packing Peanuts	ns/ns	PIDa-4057
Glass	ns/og	GrIs-8841	Styrofoam - Scraps	any/any	Beat-9521
Paint - Mistints	ns/ns	Omah-3591			
Paint - Many Partial & Colors	ns/og	Omah-9497			
Paper & Cardboard			Generating		
Seeking			Seeking		
Cardboard/Paper - Recyclable	any/ns	Omah-1934	Acrylic & Lexan	1 lg crate/mo	Omah-9096
Cardboard/Paper - Recyclable	any/ns	Linc-2498	Ester/Ethafoam	40 bags/mo	Hast-1636
Cardboard/Paper - Recyclable	any/ns	Hend-3012	Fiberglass Rebar Scrap	1 ton/mo	Sewa-3865
Cardboard/Paper - Recyclable	any/ns	Blai-3904	Plastic Regrind	ns/ns	Omah-2936
Cardboard/Paper - Recyclable	any/ns	Beat-3920	Plastic Waste	200 lbs/6 mo	Geri-6347
Cardboard & Paperboard	any/any	NoPl-9403	Polystyrene Beads	10 t/yr	Colu-5457
			PVC Vinyl Scrap	100 lbs/qtr	Harv-8543
			Rubber		
			Seeking		
			Cork Rubber Scrap	any/any	Bell-8599
			Cork Rubber Scrap	any/og	Plat-9542
			Rubber - Un/Cured Scrap	ns/ns	Hast-1455
			Rubber - Un/Cured Scrap	ns/ns	DMIA-4194
			Generating		
			Rubber - 12"x24"x1/8" Sheets	1 rolloff/wk	Kear-9064
			Rubber - Cork Scraps	20t/mo	NeCi-2416
			Rubber - Crumb (\$)	ns/ns	DMIA-4195
			Sand Gravel & Clay		
			Seeking		
			Compost/ Soil	any/any	Linc-9445
			Diatomaceous Earth	any/any	Omah-9217
			Generating		
			Diatomaceous Earth	100 tons/mo	Blai-2015
			Gypsum	100 tons/mo	Blai-5642

Please note: The Materials Exchange Program provides information about current listings & does not 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#
<u>Surplus Equipment</u>			(Seeking Surplus Equipment Continued)		
Seeking					
Appliances	any/any	Omah-2482	School Equipment & Furniture	any/any	Hast-7902
Athletic Equipment	any/any	Linc-9131	School Equipment & Furniture	any/any	York-7904
Bleachers	any/any	Linc-5905	School Equipment & Furniture	any/any	Hold-7905
Clothing Racks	ns/ns	Omah-4821	School Equipment & Furniture	any/any	Norf-7908
Display & Trophy Cases	any/any	WeWa-7986	School Equipment & Furniture	any/any	Roca-7974
Golf Cart	1/1x	Omah-5349	School Equipment & Furniture	any/any	ONei-7992
Household Furniture	any/any	Linc-6346	School Equipment & Furniture	any/any	Clar-7993
Lawnmower (Riding)&Snow Blower	1 ea/1x	GrIs-7542	School Equipment & Furniture	any/any	NeCi-8108
Medical Equipment & Supplies	any/any	Linc-5684	School Equipment & Furniture	any/any	Rals-8207
Medical Equipment & Supplies	any/any	Omah-8799	School Equipment & Furniture	any/any	Waho-8222
Medical Equipment & Supplies	any/any	Kimb-9257	School Equipment & Furniture	any/any	Emer-8307
Office Equipment & Furniture	any/any	Ogal-4385	School Equipment & Furniture	any/any	FaCi-8436
Office Equipment & Furniture	any/any	Linc-4943	School Equipment & Furniture	any/any	Firt-8449
Office Equipment & Furniture	any/any	Omah-4973	School Equipment & Furniture	any/any	Spal-8463
Office Equipment & Furniture	any/any	GrIs-4977	School Equipment & Furniture	any/any	Pier-8553
Office Equipment & Furniture	any/any	NoPl-5157	School Equipment & Furniture	any/any	Plat-8629
Office Equipment & Furniture	any/any	Vall-6288	School Equipment & Furniture	any/any	NoBe-8947
Office Equipment & Furniture	any/any	Beat-6946	School Equipment & Furniture	any/any	Rand-9266
Office Equipment & Furniture	any/any	Hast-7507	School Equipment & Furniture	any/any	Spen-9269
Office Equipment & Furniture	any/any	NeCi-7880	School Equipment & Furniture	any/any	Kear-9341
Office Equipment & Furniture	any/any	Hart-8069	School Equipment & Furniture	any/any	Banc-9354
Office Equipment & Furniture	any/any	Alle-8500	School Equipment & Furniture	any/any	Wilb-9357
Office Equipment & Furniture	any/any	Ashl-8666	School Equipment & Furniture	any/any	Orch-9510
Office Equipment & Furniture	any/any	TaRo-8873	Space Heater	1/1x	GrIs-6484
Office Equipment & Furniture	any/any	Kear-8891	White Goods	ns/ns	Hast-1832
Office Equipment & Furniture	any/any	Sewa-8919	<u>Textiles & Leather</u>		
Office Equipment & Furniture	any/any	Burc-8982	Seeking		
Office Equipment & Furniture	any/any	Wisn-9031	Clothing & Shoes	any/any	Omah-7163
Office Equipment & Furniture	any/any	Alli-9061	Fabric - Batting for Quilts	varies/ns	Linc-4017
Office Equipment & Furniture	any/any	Howe-9112	Fabric & Vinyl	lg qty/og	Omah-8598
Office Equipment & Furniture	any/any	Scot-9119	Generating		
Office Equipment & Furniture	any/any	Cere-9196	Canvas Cotton Scrap	ns/ns	Milf-1548
Office Equipment & Furniture	any/any	Wave-9201	Fabric/Vinyl	lg qty/mo	Linc-6497
Office Equipment & Furniture	any/any	Colu-9338	<u>Wood</u>		
Office Equipment & Furniture	any/any	Waco-9409	Seeking		
Office Equipment & Furniture	any/any	Roca-9484	Cedar & Other Wood Chips	any/any	Ord-8978
Office Equipment & Furniture	any/any	Madi-9546	Hardwood Scraps	any/any	Linc-8620
Office Equipment & Furniture	any/any	Rand-9553	Mulch	any/any	Omah-9236
Office Equipment & Furniture	any/any	Pilg-9556	Mulch	any/any	Linc-9446
Office Equipment & Furniture	any/any	Loui-9559	Oak Scrap	any/any	PIDa-6867
Office Equipment & Furniture	any/any	Sidn-9561	Sawdust	ns/ns	Vall-6135
Office Equipment & Furniture	any/any	Schu-9567	Sawdust, Cut-offs etc	any/any	Gret-9395
Office Equipment & Furniture	any/any	DkCi-9570	Tree & Yard Waste for Mulch	any/ns	Gret-7574
Pallet Racks	ns/ns	NoPl-4953	Wood Waste	any/any	Linc-3829
Pillows & Blankets	100-200/any	Omah-4994	Wood Waste	any/any	Bell-4766
Residential Equipment & Furniture	any/any	Linc-9142	Generating		
Scale - Industrial	1/1x	Omah-7164	Laminated Particle Board Scrap	2 dmp/wk	Omah-9394
School Equipment & Furniture	any/any	Linc-4412	Mulch	lg qty/ns	Linc-3972
School Equipment & Furniture	any/any	Tecu-6382	Oak - Rough or Surface Cut Offs	2 semi/yr	Beat-1372
School Equipment & Furniture	any/any	Sewa-6724	Plywood - Laminated Scraps	400lb/mo	Hast-1637
School Equipment & Furniture	any/any	Wave-6729	Sawdust	400 cu/ft/mo	Omah-9392
School Equipment & Furniture	any/any	DaCi-6751	Wood Spools - Various Sizes	30/mo	Linc-8752
School Equipment & Furniture	any/any	Omah-7201			
School Equipment & Furniture	any/any	Valp-7356			
School Equipment & Furniture	any/any	Cret-7687			
School Equipment & Furniture	any/any	West-7818			
School Equipment & Furniture	any/any	Chen-7900			

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.

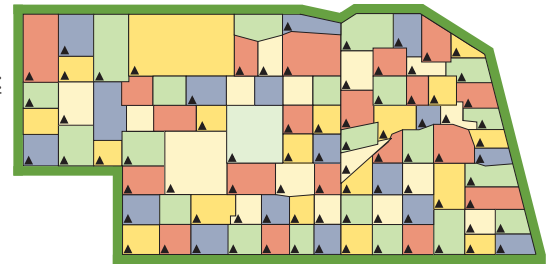
- _____
9. Available to interested parties (if applicable): Sample _____ Lab Analysis _____ Independent Analysis _____
 10. Please list any items your company would be willing to donate to schools or nonprofit organizations.
 (Working computers, office furniture and equipment, cleaning supplies, etc.)

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/waste-programs/materials-exchange/listing-application/

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

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

Categories of Membership (please check one)

- Sustaining Member \$1000+/yr
 - Sponsoring Member \$500-999/yr
 - Supporting Member \$100-499/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 \$ _____

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)

Join online at <www.knb.org/about-us/membership/>
 or 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