

The Link

Materials Exchange Program

A Quarterly Materials Exchange Newsletter WINTER 2003

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SHINGLE RECYCLING HITS THE ROAD

Every year in the United States approximately 11 million tons of asphalt shingles are sent to landfills. Tear-off shingles from home improvement projects account for 10 million tons of landfilled shingles. Another 1 million tons is generated from manufactured home construction. The price tag for disposing of the shingles each year is nearly \$400 million.

In addition to the environmental impact of dumping construction debris in landfills, disposal costs can take a bite out of construction industry profit margins. Many roofing and manufactured home construction companies are exploring shingle recycling as a way to save those landfill disposal fees.

The potential markets for recycled shingles include hot mix asphalt, cold patch asphalt, dust control on rural roads, and temporary roads or driveways. Hot asphalt mix for road construction and repair is considered the most viable market for recycled shingles.

The process of recycling shingles for use in hot asphalt mix involves collecting the shingles and grinding them into a suitable size for mixing into asphalt. Recyclers prefer to use shingles from manufactured home construction rather than tear-off shingles that may have nails or wood attached.

Mixing recycled shingles into the nearly 500 million tons of hot asphalt produced annually can actually increase the pavements' resistance to wear and rutting. Most experts believe a 5%

recycled shingle mix is suitable for interstate highways and a 10-15% mix is suitable for low traffic roads.

Currently, the use of an asphalt shingle paving mix on highways is regulated by individual states. The content of all paving material used in state-funded paving must meet state standards and specifications. Facilities that recycle asphalt shingles must follow appropriate state and local regulations when using the asphalt mix.

One of the obstacles in mainstreaming this recycling effort has been the lack of consistent regulation and support from the Federal Highway Administration (FHWA). In February of 2002, however, the FHWA implemented a new policy concerning the use of recycled materials. In part, the policy states,

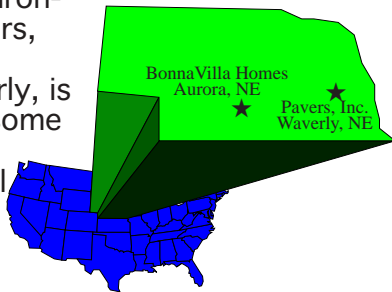
"Recycled materials offer economic benefits and should get first consideration in materials selection as long as it doesn't adversely offset the performance of the material." This is a fundamental change from the previous policy of automatically purchasing new or "virgin" materials.

While this new policy does not include regulation, quotas for using recycled materials or enforcement standards, the FHWA will provide recycling "teams" to offer leadership and technical guidance for states interested in using recycled materials. The fundamental policy change has the potential to significantly impact asphalt shingle recycling.



Paving the Way in Nebraska

While asphalt shingle recycling has been researched and utilized in other parts of the country, Nebraska is just beginning to explore the economic and environmental benefits. Pavers, Inc., an asphalt paving manufacturer in Waverly, is leading the way with some help from the Department of Environmental Quality (DEQ), the Materials Exchange Program, and BonnaVilla Homes in Aurora.



In 1999 Pavers received a grant from the DEQ to purchase a machine to grind asphalt shingles into pieces 1 inch in diameter or smaller. Pavers purchased the machine and by spring of 2000, they were ready to begin grinding and mixing the shingles into their asphalt paving mix. The next step for Pavers was to locate a consistent, reliable supply of shingles.

Keep Nebraska Beautiful organized a Leadership Management Team to help Pavers find the material needed to move the project forward.

Input from the Team led the Materials Exchange to contact BonnaVilla Homes, a manufactured home builder in Aurora. As part of their production process, they generate tons of scrap shingles that were being landfilled. Pavers immediately began collecting the shingles in roll-off dumpsters and transporting them back to Waverly. In 2002 this partnership resulted in over 120 tons of shingles being diverted from Nebraska landfills.

In addition to the obvious environmental benefit of this project, there is also a substantial economic incentive for both BonnaVilla Homes and Pavers. BonnaVilla Homes no longer has to pay to have the shingles landfilled resulting in a significant decrease in disposal fees. For Pavers the savings is just as substantial. By using recycled asphalt shingles, Pavers is able to use less oil in their paving mix. While oil only accounts for 5% of the mix, it is by far the most expensive component.

The future of using this paving mix in Nebraska road construction or other paving projects remains uncertain. The Nebraska Department of Roads currently has no official policy for using paving material with a mix of recycled shingles. However, there is continued interest in researching the concept and growing a market for the paving mix.

Congratulations to Pavers and BonnaVilla Homes for their successful partnership!

For questions regarding the use of recycled asphalt shingles, contact the Nebraska Department of Environmental Quality.

Important Facts About Used Oil

DID YOU KNOW THAT.....

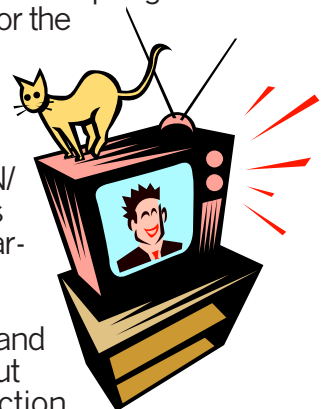
- ➔ The amount of motor oil sent to landfills or poured down drains each year in the U.S. is equivalent to 16 Exxon Valdez spills.
- ➔ According to the EPA, one gallon of used oil has the potential to contaminate **one million** gallons of water.
- ➔ In the United States, it is estimated that nearly 200 million gallons of waste oil are improperly disposed of each year--poured down drains and storm sewers, dumped on the ground, or tossed in the trash.
- ➔ Used oil can be re-refined into lubricants or fuel oil, or used as raw materials to manufacture products containing oil. Reusing this oil could save thousands of barrels of oil each day.
- ➔ The Nebraska Used Oil Collection Program began in April 2000 with 12 "test" locations. **By mid-2003, there will be 41 sites for used oil collection in Nebraska. Another 10-12 sites will be targeted to open by Spring 2004.**
- ➔ To date, the used oil collection sites in Nebraska have recovered over 100,000 gallons of used oil.
- ➔ You can call the Nebraska Used Oil Collection Program at 402-486-4622, and we'll let you know where the nearest collection site is in your area. Or you can visit our website at www.knb.org.

KOLN/KGIN TV DONATES AIR TIME

KOLN/KGIN TV recently donated both production and air time for public service announcements focusing on the Nebraska Used Oil Collection Program. The spots first appeared last spring and have been running regularly again for the past several weeks.

This public awareness campaign represents over \$13,000 worth of production and air time donated by KOLN/KGIN. Governor Mike Johanns also donated his time by appearing in and narrating the spots.

Thanks to everyone involved for lending their valuable time and talent to raise awareness about the Nebraska Used Oil Collection Program.



Current Listings



To inquire about any items, write Keep Nebraska Beautiful: 3201 Pioneers Blvd., Suite 306, Lincoln, NE 68502-5963; call 1-800-486-4562 (in Lincoln 486-4622); fax (402) 486-4563; or visit our website at: <http://www.knb.org>

| Material | Qty. | ID# |
|--|------|-----|
| Highlighted Items | | |
| New Items Since Fall 2002 Issue | | |

Seeking

| | | |
|---|-----------|------------|
| Auxiliary plastic processing equip | 1/1x | Hast-5028 |
| Balers, recycling equipment | All | DRFL-4068 |
| Banquet/conference tables-6'-8' | 10/1x | Hart-5022 |
| Buckets- plastic w/ handles, 5 gal | ns | PIDa-4063 |
| Chairs-office | 2/1x | Omaha-4087 |
| Circuit boards-electronics | ns | Linc-4089 |
| Computers & parts, working & non-working | ns | Wave-5007 |
| Computers-Windows 95 or better | ns | Linc-5054 |
| Computer-laptop | 1/1x | Hart-5020 |
| Computer laptop | 1/1x | Linc-5040 |
| Computers w/ printers | ns | Omaha-5043 |
| Computer desks/chairs | ns | Linc-5053 |
| Containers-totes, tins, buckets | ns | Bell-4088 |
| Copier-floor type | 1/1x | Linc-5049 |
| Desk | 1/1x | Linc-5042 |
| Display racks for clothing | ns | Linc-5052 |
| Drums-Fiber, 7.5 gal w/ lid | ns | Norf-4092 |
| Drums-plastic, 55 gal | ns | Linc-4090 |
| Electrical discharge machine | 1/1x | Hast-5026 |
| Endrolls-paper for art projects | ns | Linc-4073 |
| Fax machine | 1/1x | Linc-5038 |
| Ferric chloride-spent | ns | DPMO-4051 |
| File cabinets-fire proof | ns | Linc-4054 |
| File cabinet-4 drawer | 1/1x | Linc-5041 |
| Folding tables & chairs | ns | Linc-5048 |
| Gases | All | PUGO-4069 |
| Hospital equipment, used | ns | Omaha-5006 |
| Household materials, clothing, furniture | ns | Linc-4061 |
| Machine tools-later models | ns | Hast-5029 |
| Microwave | 1/1x | Linc-5000 |
| Molding machine-plastic injection | 1/1x | Hast-5025 |
| Office furniture-desks, file cabinets, etc. | ns | Linc-4084 |
| Paint-latex | 10 gal/1x | Beat-4099 |
| Plastic injection mold bases | 1/1x | Hast-5027 |
| Printer-laser jet | 1/1x | Linc-5039 |
| Rubber matting for outdoor playground | 1/1x | Hart-5021 |
| Scanner | 1/1x | Linc-5037 |
| Shelving for books | 1/1x | Plym-4067 |
| Styrofoam, packing peanuts | ns | PIDa-4057 |
| TV | 1/1x | Linc-5050 |
| TVs and VCRs | ns | Linc-5001 |
| Textbooks 1996+ | ns | Kear-5047 |
| Time clock | 1/1x | Kear-4095 |
| Upright paperback book rack | 1/1x | Plym-4066 |
| VCR | 1/1x | Linc-5051 |

Generating

| | | |
|------------------------------|------------|-----------|
| Antifreeze-used | 2 drms/mo | Colu-4096 |
| Batteries-various sizes | ns | Linc-5031 |
| Desk-metal | 1/1x | Linc-5005 |
| Desks-wooden | 3/1x | Cret-5034 |
| Drums-plastic, 55 gal | 50-100/mo | York-4064 |
| Encyclopedia sets-Used | 3 sets/1x | Orle-4053 |
| Glass-crushed | 20 t/1x | NoPl-4098 |
| Grinding wheels | 20,000#/mo | Xxxx-5014 |
| Light fixtures-mercury vapor | 47/1x | Cret-5035 |
| Light fixtures-incandescent | 15/1x | Cret-5036 |
| Office doors-various sizes | 16/1x | Linc-4065 |

| Material | Qty. | ID# |
|------------------------------------|---------------|------------|
| Pallets, 40x48 | 6-10/day | Xxxx-5013 |
| Pallets-4.5'x9' | 20/wk | Linc-4093 |
| Paper-one side used | ns | Linc-4072 |
| Paper-one side used | ns | Omaha-5045 |
| Paper-shredded | ns | Axte-5033 |
| Plastics-various types | Lg quantities | Linc-5024 |
| Plastic flower pots | ns | PIDa-4058 |
| Shredder-paper, wood, rubber, etc. | 1/1x | Linc-4097 |
| Tetra-pak | 2 semi lds/1x | RHON-5008 |
| Wood ash | 1t/wk | Cret-5023 |
| Wood spools | ns | Norf-5010 |

Ag Products

Seeking

| | | |
|---------------------------------------|----------------|-----------|
| Fallen farm & feedlot animals | All | Belv-1052 |
| Locker & grocery meat scraps | All | Belv-1053 |
| Organic by-products | 10,000#/yr | Blai-3868 |
| Organic products | Lg. quantities | Xxxx-3932 |
| Packing house by-products | All | Belv-1054 |
| Straw bales—square wheat, oat, or rye | ns | Linc-1519 |

Generating

| | | |
|----------------|----------------|-----------|
| Cornstarch | 100 t/mo | Xxxx-3576 |
| Food waste | Lg. quantities | Linc-3949 |
| Syrup products | 50 t/mo | Xxxx-3577 |

Chemicals

Seeking

| | | |
|--|----------------|------------|
| Chemical waste | ns | Omaha-3513 |
| Chemicals—bulk organic or inorganic | ns | NERI-3140 |
| Cleaners, fertilizers, solvents, etc. | ns | Colu-1034 |
| Chemicals for resale | ns | HPNJ-2391 |
| Hazardous waste, chemicals, pesticides | Any | CAMA-4040 |
| Hazardous chemicals, acids, alkalis | Lg. quantities | SLMO-2820 |
| Hazardous materials | ns | Linc-3051 |
| Lime—Ca(OH) ₂ | 5,000#/mo | Blai-2016 |
| Lime by-product | Lg. quantities | Scri-2166 |
| Polyols & isocyanates | Lg. quantities | ORAN-3977 |
| Solvents,detergents,dyes,pigments | ns | WANJ-3596 |

Generating

| | | |
|--------------------------------|----------------|------------|
| Isopropyl Alcohol, 67-70% pure | 2-3 drums/yr | Colu-1513 |
| Lithium bromide w/ chromate | 155 gal/1x | Waho-3947 |
| Methanol | 1 drm/mo | Colu-4033 |
| Non-acetone polish remover | 3,000 gal/1x | Omaha-3816 |
| Polyols & isocyanates | Lg. quantities | ORAN-3978 |

Construction Materials

Seeking

| | | |
|--|----------------|------------|
| Any usable materials | ns | Colu-1038 |
| Asphalt shingle scrap | Lg. quantities | Wave-3950 |
| Bricks | ns | Linc-2865 |
| Bricks | ns | INMO-2856 |
| Construction materials—insulation, windows, siding | ns | Linc-3139 |
| Construction materials—anything usable | ns | Hebr-3270 |
| Construction materials—anything usable | ns | Omaha-3319 |
| Construction material-doors, windows, appliances | 1x | Roca-3859 |
| Doors, windows, cabinets | ns | Linc-5157 |
| Drywall, ceiling panels (2x4) | ns | Linc-3619 |
| Hardwood gym flooring—used | All | Wyno-1264 |
| Lumber and other shop supplies | ns | Gibb-3664 |

| | | | | |
|----------------|--------------------|----------------------|---------------------------|--------------------------------|
| t=ton | yd=yard | ml=milliliter | semi=semi-truck | cont=container |
| g=gram | qtr=quarter | wk=week | cu. yd.=cubic yard | 1X=one-time amount |
| L=liter | gd=gaylord | plts=pallets | dmp=dumpster | ns=amount not specified |

| Material | Qty. | ID# |
|---|-------------------|-----------|
| Plywood sheets, 2x4s, doors | ns | Kear-3807 |
| Posts (cedar logs, metal irrigation pipe, oil pipe) | ns | Linc-2518 |
| Roofing material | Lg. quantities/1x | Brow-3962 |
| Rubble—dirt, asphalt, concrete | ns | Linc-3120 |
| Shop class materials | ns | Elba-3671 |
| Stage materials—2x4s, paint, nails, screws | ns/x | Alli-3574 |
| Usable construction supplies & materials | ns | Beat-2643 |
| Generating | | |
| Asphalt shingle scrap—many colors | 2-3 dmpr/mo | GrIs-1257 |
| Brick school house and all contents | 1/1x | Blue-3745 |
| Cabinet material scrap w/ formica | 1 dmpr/mo | GrIs-1253 |
| Carpet adhesive—water based, solvent free | 43 buckets/1x | Omah-3590 |
| Concrete block pieces | Lg. quantities | Omah-1397 |
| Concrete bunker silo wall supports | 25/1x | Chap-3872 |
| Concrete, rubble | 160 cu yds/1x | Chap-3871 |
| Laminated sink cutouts, approx. 22" x 33" | Varies | Omah-1632 |
| MBO board—20"x48"x1/2" | ns | Linc-3501 |
| OSB (wafer board) scrap | 3-4 dmpr/mo | GrIs-1251 |
| OSB (oriented strand board)—3/8" | 1,250 sq ft /wk | Wayn-2726 |
| Particle board scrap | 2-3 dmpr/mo | GrIs-1252 |
| Rigid foam insulation w/ foil face—3/4" | 1,000 sqft/wk | Wayn-2727 |
| Roofing tar | 7 drms/1x | Omah-4029 |
| Trusses & rafters w/ plates—broken | 1 dmpr/mo | GrIs-1258 |
| Vinyl siding scrap—all colors | 3-4 dmpr/mo | GrIs-1256 |
| Window pane glass | 240 panes/1x | Colu-3436 |

Containers & Pallets

| Seeking | | |
|---|----------------|-----------|
| Bags-lined & unlined | ns | Geil-3938 |
| Boxes—cardboard, various sizes | ns | Beat-2065 |
| Boxes—cardboard, 16"x16"x30" | 300/yr | Milf-1545 |
| Boxes—cardboard, 16"x16"x12" | Lg. quantities | Suth-2116 |
| Buckets-5 gal w/ lids, never used | 100-1000/yr | MALI-4016 |
| Buckets—5 gal with lids | ns | York-3087 |
| Buckets-5 gal with lids | 100/6mo | Hast-3856 |
| Buckets-5 gal, food grade | 20/yr | Raym-3767 |
| Buckets—5 gal, plastic, prefers food grade | 50/ns | Linc-3206 |
| Buckets—5 gal, metal, w/ lids | ns | Linc-3583 |
| Drums or buckets—plastic, 5 to 55 gal | All | Kear-1102 |
| Drums—plastic, 30 gal | 10-20/1x | Linc-3468 |
| Drums—plastic, 20 & 35 gal | ns | Norf-2732 |
| Drums—plastic, 30 gal w/ non-removable tops | Varies | Suth-2225 |
| Drums-steel, 55 gal | ns | Rose-3958 |
| Drums—plastic, 55 gal | All | Linc-1872 |
| Drums-55 gal., plastic, reg & open top | All | Vall-1003 |
| Drums-steel, 55 gal w/ ring lid | ns | Beat-2566 |
| Drums—steel & plastic, 35 & 55 gal | All | FtCa-1276 |
| Drums—steel, 55 gal w/snap ring lids | 50-100/wk | SoSc-3218 |
| Drums—steel & plastic | All | Omah-1173 |
| Drums-steel, w/ lids | 70-80/yr | Davi-3586 |
| Drums-55 gal-fiber or steel | ns | Kear-3811 |
| Gaylords | 400/mo | SAND-3973 |
| Gaylords-cardboard | 22/day | DAVE-3899 |
| Gaylords | ns | Norf-3463 |
| Gaylords | 100/mo | Linc-3404 |
| Gaylords | Lg. quantities | DRFL-3563 |
| Gaylords | ns | Wilc-3747 |
| Gaylords-cardboard | 22/day | DAVE-3899 |
| Poly totes 275-345 gal | ns | Omah-3726 |

Pallets—Wood—Seeking

| | | | |
|--------------------|-----------|-----------------------|-----------|
| All | BISp-1391 | 32x40, 200/mo | NeCi-2262 |
| All | SHIA-3824 | 48x48-Varies | Linc-2647 |
| Lg. quantities | BRIA-1945 | 36x36, 42x48, 200/mo | GrIs-2816 |
| All | Frem-1057 | 48x40, All | Omah-1381 |
| All | GrIs-1394 | Various, min. 32x30 | Omah-2060 |
| All | Frem-3848 | Various sizes | Dave-3814 |
| 36x39.5-lg. quant. | Hast-1626 | 48x48, ns | Omah-3093 |
| 300/mo, 4 way | Linc-2975 | 48x48, lg. quantities | Omah-3196 |
| Trailerloads | Linc-2260 | 48x48, oak, 50/yr | Prin-2515 |
| 48x48, 200/mo | Linc-2789 | | |

| Material | Qty. | ID# |
|--|------------|-----------|
| Generating | | |
| Boxes-20"x 40"x 20" | 40-50/yr | Milf-1546 |
| Boxes-18"x 18"x 18" | 30-40/mo | Omah-1753 |
| Boxes, various sizes | ns | Omah-1886 |
| Bottles—polycarbonate, 5gal | 20/qtr | Linc-3174 |
| Buckets—metal, 2.5 gal, with handle | 10/wk | Linc-3308 |
| Buckets-3.5 gal, food grade | ns | Linc-4042 |
| Buckets—black, plastic, 5 gal | 50-100/mo | Omah-1795 |
| Buckets—plastic, 5 gal | 30/mo | Omah-3360 |
| Buckets-5 gal, plastic | 20/mo | GrIs-1255 |
| Buckets—5 gal metal w/ lids | 5-10/wk | GrIs-1858 |
| Buckets—#2 plastic, black | 50-100/mo | Omah-1795 |
| Buckets—5 gal white w/ green or red lids | 24/wk | Omah-2011 |
| Burlap bags—originally contained coffee | 2000/mo | Omah-3392 |
| Crate, pallet lumber | ns | Xxxx-3893 |
| Crates—wood, w/ lid, 39.5"x36"x30.5"H | 100/1x | BISp-1823 |
| Crates—wood, 3'x3'x3' | Varies | Frie-1407 |
| Drums-fiber, 30 gal w/ lids | ns | Marq-3713 |
| Drums-fiber | 200-300/yr | Omah-1751 |
| Drums, fiber | ns | Sewa-3996 |
| Drums-steel w/ 2 bungholes | 25/mo | Norf-3939 |
| Drums-steel, 35 gal | 2/mo | Linc-1642 |
| Drums, fiber w/ lids | 20/mo | Omah-3817 |
| E-container—corrugated, 22"x 22"x 36" | 3-4/wk | Beat-1482 |
| Gaylords | ns | LIOH-3551 |
| Gaylords | 30-50/mo | GrIs-3728 |
| Kegs, 4'x4'x4' hexagonal shape | Varies | Cozd-2142 |
| Pallets, plastic | ns | Frem-3957 |
| Pallets—#2 plastic, 12"x 23"x 2" | 500-600/yr | Cozd-1364 |
| Poly totes-275-345 gal | ns | Omah-3726 |
| Tote bags—2000#, nylon or plastic | 12/wk | SCIA-3236 |
| Tubs—polyethylene | 6/1x | Linc-2769 |
| Wooden spools, pallets | 50/mo | Colu-3792 |

Drums, 55 gal--Generating

| | | | |
|----------------|-----------|-----------------------------|-----------|
| Fiber, 6/mo | Omah-2437 | Plastic, 75/1x | SoSc-3219 |
| Fiber, ns | Linc-4041 | Plastic, 3-5/wk | Wave-3136 |
| Fiber, 12/1x | Linc-4043 | Plastic, ns | Norf-3794 |
| Plastic, 10/mo | Beat-2061 | Plastic, 25/mo | Cret-3549 |
| Plastic, ns | Norf-3487 | Plastic, 20-25/mo | WIND-3398 |
| Plastic, 10/wk | Omah-2010 | Steel, 4/mo | Harv-3802 |
| Plastic, 20/mo | Omah-2433 | Steel, closed w/caps, 20/mo | Hast-3221 |
| Plastic, 30/yr | Omah-3101 | | |

Pallets—Wood—Generating

| | | | |
|-------------------------|-----------|-----------------------------|-----------|
| 20/mo | Aubu-3610 | Various sizes, 50/mo | Colu-3792 |
| Odd sizes, 50/mo | Cozd-1363 | Various sizes, 50/mo | Norf-1639 |
| Various sizes, 30-50/mo | Frem-1431 | Various sizes, 2 lg dmpr/mo | Norf-3397 |
| 36x36 & 48x48, Varies | Frie-1408 | Various sizes, 600/yr | Omah-2861 |
| 40x48, 4 way, 100/mo | Gene-2892 | Various sizes | Colu-1998 |
| 48x48, 200/yr | GrIs-1754 | Smaller, 200-400/yr | NoPI-2251 |
| 30x30, 50/mo | Hast-3160 | Irreparable, 2 dmpr/mo | Omah-1584 |
| 10-20/wk | Linc-1171 | 48x36, Lg. quantities | Omah-2226 |
| 25/wk | Linc-1413 | Various sizes, 20/wk | Omah-3414 |
| ns | Linc-3260 | Various sizes, 500/mo | York-2443 |
| 400/mo | McCo-1284 | Not specified | Linc-3895 |

Durables & Electronics

Seeking

| | | |
|---|----------------|------------|
| Cell phones/accessories, exchangers, switches, etc. | All | DUON-3530 |
| Cell phones-working & non-working | All | Crete-4012 |
| Circuit boards | All | Kear-1101 |
| Computers, fluorescent tubes, ballasts | 100 piece min. | SPMN-3164 |
| Computer, microwave, typewriter | ns | Harr-3677 |
| Computer, typewriter, radio, etc. | ns | Linc-1089 |
| Copier | 2/1x | CeB1-3060 |
| Copier and fax machine | 1/1x | Linc-3588 |
| Copy machine | 1/1x | Arca-2269 |

| Material | Qty. | ID# |
|--|----------------|-----------|
| Electronics, integrated circuits, computer parts | All | FPIL-1224 |
| Electronics equipment | Lg. quantities | CHIC-3974 |
| Electronic equip-working & non-working | ns | Linc-3376 |
| Hardware, software | Any | Linc-3232 |
| Micro film reader/printer | 1/1x | Morr-3372 |
| Monitor for 286 | 1/1x | Linc-3033 |
| Pen plotter for CAD | 1/1x | Hast-3717 |
| Printers, dot matrix | ns | Omah-2671 |
| Printers, laser | 1-2/1x | Omah-3630 |
| Radio-base station & radios | 1x | Beat-3602 |
| Telephone & computer mainframe equip.—Scrap | All | Kear-1246 |
| Telephone system 2/ PBX | 1/1x | Bart-3681 |
| White Goods | ns | Hast-1832 |

Computers/Printers-Seeking

| | | | |
|------------------------------|-----------|--------------------------|-----------|
| 486 or better, 15+ | Davi-2083 | Pentium, 1/1x | Linc-4027 |
| 486 or better, 2/1x | FtCa-3489 | Pentium, printer, 1/1x | Crof-3494 |
| 486 or better, laptop,lea/1x | Linc-3979 | Pentium w/ CD-Rom, 10/1x | Linc-3478 |
| 486 or better, 6/1x | Linc-3425 | Pentium | Wyno-1265 |
| 486s or better, working | Omah-2622 | Pentium | Omah-2688 |
| 486 or better, 2/1x | Schu-3575 | Pentium w/ CD-Rom, 10/1x | Omah-2609 |
| 486 or better, w/ printer | Frem-3654 | Pentium w/CD-Rom, 2/1x | Hast-3568 |
| 486 or better w/CD-Rom | West-2585 | Pentium, any | Dent-3666 |
| 486 or better,CD-Rom | CeB1-2618 | Pentium-complete | Omah-3651 |
| IBM or Mac, 6/1x | Linc-3474 | Pentium, 40/yr | O'Ne-3695 |
| Computers, Lg. quantities | SPMN-3911 | Pentium-complete | Linc-3691 |
| Computer w/ Win95 | Beat-3658 | Pentium w/Win95, better | Xxxx-3089 |
| Computer, 486, complete | Bell-4023 | Pentium, ns | Hend-2104 |
| Computer, 486, w/ CD-Rom | Omah-3589 | W/ CD-Rom, 6/1x | Wake-2814 |
| Computers, 486 or better | Linc-2728 | Working & non-working | Linc-3886 |
| Computers w/CD-Rom | Fair-3409 | Working & non-working | Linc-2728 |
| Computers w/CD-Rom | Coza-3734 | Working & non-working | Linc-3890 |
| Computer equip, ongoing | Papi-3861 | Working & non-working | Omah-3913 |
| Computer, media equip., ns | Beat-2331 | Working & non-working | Omah-2915 |
| IBM compatible, ns | Kear-3804 | Working & non-working | Omah-3459 |
| IBM comp., Pent, 20/qtr | Omah-3860 | Working & non-working | Linc-4028 |
| Parts, Any | Kear-1412 | Working & non-working | STPA-4021 |

Generating

| | | |
|--------------------------------------|------|-----------|
| Computers, 386, 486, printers | ns | Omah-3791 |
| Computer-Mac 680 CD/printer | 1/1x | Linc-4002 |
| Computer, older Mac | 1/1x | Omah-3820 |
| Computers, 4 laptops, 3 Macs to sell | 1x | Ains-3842 |
| Typewriter—Smith Corona electric | 2/1x | Linc-2767 |

Metals

Seeking

| | | |
|--|----------------|-----------|
| Aluminum, steel, cans, cars | Lg. quantities | Omah-5044 |
| Brass, copper, aluminum, lead | ns | Norf-1952 |
| Copper bearing items | ns | DUON-3882 |
| Ferrous & nonferrous | All | Kear-1099 |
| Ferrous & nonferrous | All | Kear-1978 |
| Ferrous & nonferrous | All | Linc-1955 |
| Ferrous & nonferrous | All | Omah-2481 |
| Ferrous & nonferrous | All | Omah-1425 |
| Ferrous & nonferrous, copper, brass | ns | Linc-3874 |
| Grindings, powders containing metal | 25 t/wk | HILL-3954 |
| Metal scrap—copper, zinc, nickel, aluminum, etc. | ns | DUON-3529 |
| Metal scrap, copper, #1, #2, #3, insulated wire | ns | DUON-3881 |
| Metal scrap-tin, aluminum | Any | Omah-3931 |
| Scrap metal | All | Hast-2602 |
| Scrap metal | Lg. quantities | CHIL-3827 |
| Scrap steel, metal plate | ns | Hast-4000 |

| Material | Qty. | ID# |
|--|--------|-----------|
| Scraps for school | ns | Colu-1037 |
| Solder dross | All | Kear-1273 |
| Stainless steel & nickel alloy | ns | DUON-3883 |
| Tin, ferrous and nonferrous | ns | Cook-3453 |
| Wire—insulated copper & aluminum | All | Kear-1268 |
| Wire and metal pieces for art projects | ns | Linc-3396 |
| Various | Any | Hast-3564 |
| Zinc scrap | 50#/1x | Linc-3667 |

Generating

| | | |
|---|---------------|-----------|
| Aluminum dust | 7000-8000#/yr | Davi-3585 |
| Iron dust—Wheelabrator | 277 t/yr | Xxxx-1205 |
| Metal sludge/swarf—grinding | 1800 t/yr | Xxxx-1206 |
| Scrap from fireplace installation | ns | Linc-3801 |
| Wire shavings, powder | 25,000#/mo | Colu-2517 |
| Zamac and lead ingots, copper & alum. choppings | ns | DUON-3533 |

Oils & Waxes

Seeking

| | | |
|--------------------------|----------------|-----------|
| Grease—used, kitchen | All | Belv-1055 |
| Oil—animal or vegetable | All | Belv-1056 |
| Oil—used hydraulic, auto | Lg. quantities | SCIA-1087 |
| Oil-used | ns | Alia-3832 |
| Oil—used, non-synthetic | 4,000 gal/yr | Omah-1946 |
| Oil-used | Lg. quantities | Hast-3736 |
| Wax-food grade | ns | Axte-4001 |

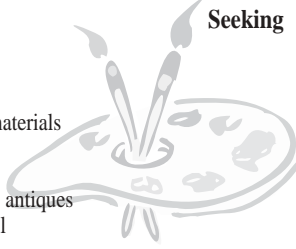
Generating

| | | |
|----------|------------|-----------|
| Oil-used | 500 gal/mo | Sewa-3995 |
|----------|------------|-----------|

Other

Seeking

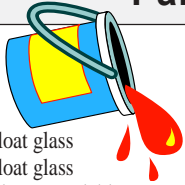
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|---|----------------|-----------|
| Art supplies | ns | Linc-3934 |
| Art supplies | All | Omah-1460 |
| Art supplies | ns | Linc-3668 |
| Art project materials | ns | Linc-2069 |
| Art materials | ns | Linc-4018 |
| Atlas | 1/1x | Linc-3633 |
| Architectural antiques | ns | Linc-3503 |
| Batteries—all | All | Linc-1954 |
| Batteries | ns | Hast-3518 |
| Batteries—from autos, sealed lead/acid | All | Linc-2491 |
| Batteries | Lg. quantities | SPMN-3912 |
| Binoculars | 36/1x | Elwo-1410 |
| Bird guides | 36/1x | Elwo-1404 |
| Books for children | ns | Linc-3878 |
| Canvas, art brushes, ink | ns | Omah-3902 |
| Catalytic converters | ns | Kear-1209 |
| Child development center materials | ns | Linc-3426 |
| Craft items-paper, wood | ns | Linc-4048 |
| Drums, any type of percussion instruments | 1/1x | Elwo-3869 |
| Educational materials, books, software | ns | Kear-3809 |
| Equine materials-used bridles, horse blankets, etc. | ns | Kear-3808 |
| Fluorescent lamps, computers, batteries | All | SPMN-2173 |
| Fuel materials w/ high BTU value | 25 t/wk | HILL-3953 |
| Ion exchange resin | ns | ROIL-1531 |
| Laser, copier, inkjet cartridges-empty | Lg. quantities | MINN-3963 |
| Mercury barometers | ns | Colu-3109 |
| Mill scale, fly ash | 25 t/wk | HILL-3955 |
| Nebraska flag | 1/1x | Linc-3634 |
| Non-hazardous liquids & sludges | All | WIKS-2373 |
| Potter's wheel | 1/1x | Omah-3903 |
| Reverse osmosis membranes—8" & 4" | ns | ROIL-1529 |



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| Material | Qty. | ID# |
|---|----------------|-----------|
| Wall maps & charts—current | ns | Omah-2099 |
| X-ray & lithograph film—used | All | Kear-1267 |
| Generating | | |
| Adhesive stock—pressure sensitive | Lg. quantities | DPMO-3365 |
| Carbon fiber—roving, never twisted | 800#/qtr | Linc-2390 |
| Diatomaceous earth | 100 t/mo | Blai-2015 |
| Ink from newspress | 70 gal/yr | Waho-2093 |
| Ion exchange resin (used cation anion, mixed bed) | ns | ROIL-1530 |
| Pressure sensitive adhesive stock | Lg. quantities | DPMO-3365 |
| Reverse osmosis membranes—used, 8" | ns | ROIL-1528 |
| Silicones (sludge-like) | 2000#/yr | Colu-1643 |
| Steel grain bins | 2/1x | Chap-3873 |
| Wallpaper books-outdated | ns | Linc-3646 |
| Wine bottles-blue, various sizes | 200/mo | Raym-2382 |

Paint, Glass, Coatings



Seeking

| | | |
|---------------------------------|----------------|-----------|
| Float glass | 200 t/mo | DWIA-1950 |
| Float glass | ns | MUIA-1949 |
| Glass-recyclable | ns | Blai-2793 |
| Glass-recyclable | any | Linc-3652 |
| Glass-recyclable | Lg. quantities | Beat-3919 |
| Glass-recyclable | Lg. quantities | Omah-3929 |
| Paint (any color) | ns | Colu-1035 |
| Paint-yellow striping paint | ns | Beat-3600 |
| Paint of any type | ns | Omah-1792 |
| Paint | ns | Rose-3959 |
| Paint, oil based | 250 gal/1x | Brow-3961 |
| Waste powders-reclaim and spray | Varies | GRMI-1820 |
| Virgin powder coatings | >50 lbs | GRMI-1818 |

Generating

| | | |
|---------------------------------|----------------|-----------|
| Glass-mixed | 1000#/mo | Plym-1386 |
| Glass-broken mirror glass | 30 t/mo | DWIZ-1957 |
| Paint-various colors | 1500 gal/1x | Omah-1200 |
| Paint-various colors & finishes | Lg. quantities | Omah-3591 |
| Paint | 30 gal/qtr | Linc-2867 |
| Paint-latex | 20 gal/1x | Linc-3256 |
| Paint-blue (Diamond Vogel) | 55 gal/1x | PEIA-2487 |
| Powder coatings | ns | GRMI-1819 |
| Powder paint | 200#/mo | Kear-2636 |

Paper & Cardboard

(For Cardboard boxes see: Containers & Pallets)

Seeking

| | | |
|--|----------------|-----------|
| 8.5"x11" paper—may be used on one side | ns | Hend-2105 |
| Cardboard for binding | ns | Linc-3176 |
| Cardboard | ns | GEIL-3937 |
| Cardboard, paper products for schools | ns | Linc-3117 |
| Cardboard & paper, baled | ns | Omah-1814 |
| Envelopes-various sizes | 50/mo | Xxxx-3985 |
| Fine paper, corrugated, chipboard | Lg. quantities | Omah-3967 |
| Matte board, newsprint, art supplies | ns | Linc-3880 |
| Paper & cardboard, newspaper | Lg. quantities | Beat-3920 |
| Paper & cardboard | Any | Linc-2498 |
| Paper & cardboard | Any | Blai-3904 |
| Paper, fibers | any | NHIA-3946 |
| Paper, waste, any grade | Lg. quantities | Wilc-3746 |
| Paper-any grade waste | Any | MIFL-3830 |
| Paper products | ns | MAMO-3928 |
| Paper products for lessons and art projects | ns | Linc-3460 |
| Paper & paper products | All | Frem-1934 |
| Paper & cardboard | ns | Omah-1939 |
| Paper & paper products (books, stationery, etc.) | ns | Omah-1947 |
| Paper—shredded | Varies | Beat-2108 |

| Material | Qty. | ID# |
|--|----------------|-----------|
| Generating | | |
| Books-older | ns | Orle-3648 |
| Cardboard—8'x12' pieces | 300-400#/wk | Belv-2000 |
| Cardboard—tubes, 36" long | ns | Chad-2131 |
| Cardboard roll tubes | 350-500/wk | Frem-1228 |
| Cardboard-shredded, waxed & non-waxed | ns | Linc-4050 |
| Cardboard, waste from packaging | Varies | Linc-3894 |
| Cardboard | Lg. quantities | GrIs-3484 |
| Cardboard—corrugated | 3 gd/mo | Omah-3361 |
| Cardboard—flattened | ns | Omah-2434 |
| Cardboard cores | 500/yr | Waho-2092 |
| Computer paper-shredded | Varies | Colu-1198 |
| Paper—bags, 50 lbs capacity, some w/ plastic liner | 100/day | Hast-2223 |
| Paper—bags, multi-layered | 500#/wk | Plym-1867 |
| Waxed paper—Kraft, brown, 20"x24" | ns | Kear-2237 |

Plastics

Seeking

| | | |
|--|----------------|-----------|
| #1, #2, plastic film | Lg. quantities | Linc-3653 |
| #1 and #2 plastics | Lg. quantities | Wilc-3746 |
| #1-7 | All | MAFL-1424 |
| #2 HDPE, possibly others | ns | MAIA-1948 |
| Any | Lg. quantities | Kear-1272 |
| Any | Lg. quantities | DRFL-3110 |
| Bags-plastic, 55 gal | ns | Linc-3293 |
| Bubble wrap/packing peanuts | ns | Linc-1248 |
| Bubble wrap/packing peanuts | Lg. quantities | Edga-4004 |
| Bubble wrap/foam wrap sheets | 1 roll/mo | Xxxx-3984 |
| Bubble wrap | Varies | Linc-3971 |
| Bubble wrap/packing peanuts | ns | Linc-3833 |
| Carpet pads—polyurethane foam | All | Omah-1623 |
| HDPE—granulated, white or mixed color | All | Kear-1280 |
| HDPE—granulated, mixed colors | Varies | SIIA-2169 |
| LDPE scrap—Dow #2045 or close match | ns | Linc-3334 |
| Moldable plastics | ns | Hast-3999 |
| Nursery pots-plastic | ns | Beat-4034 |
| PP/PE scrap, primarily diaper scrap | Lg. quantities | JACK-3884 |
| Packing peanuts, bubble wrap, Styrofoam sheets | 200 gal/qtr | Chap-2635 |
| Packing peanuts | 30 cu ft/wk | Belv-2176 |
| Plastics | ns | GEIL-3936 |
| Plastics-recyclables | ns | Beat-3202 |
| Plastics-recyclables | ns | Blai-3905 |
| Plastics-recyclables | Lg. quantities | Linc-2499 |
| Plastics-ABS/PC Non Fr Black R/G | 15,000#/mo | CHES-4031 |
| Plastics-Acetal M270 or Equivalent | 5-10t/mo | CHES-4032 |
| Plastic-#4 -Polyolefin resins | Lg. quantities | WINC-4038 |
| Plastics-recyclable | Any | Omah-3930 |
| Plastics, PVC, etc. | ns | DUON-3531 |
| Plastics | Lg. quantities | Omah-3846 |
| Plexiglass | Any | Rose-3572 |
| Polyethylene bags and zip lock bags, large | ns | Linc-2546 |
| Polyethylene—shrink wrap materials | ns | PAIL-1942 |
| Polystyrene—packing peanuts | ns | Beat-2064 |
| Polystyrene—packing peanuts | ns | Linc-3312 |
| PVC—rigid scrap and regrind | 1t/mo | RHON-3492 |
| Scraps for school | ns | Colu-1031 |
| Various | ns | CLIA-1936 |
| Various | >1,000 lbs | GCNY-1958 |
| Zip lock bags | ongoing | Linc-3850 |
| Zip lock bags-10x14 | Lg. quantities | Linc-1536 |
| Zip lock bags | ongoing | Linc-3867 |
| Zip lock bags | ns | Linc-4046 |
| Zip lock bags | ns | Linc-1815 |

Generating

| | | |
|---------------------------|---------------|-----------|
| #2 plastic nursery pots | 3 pu loads/1x | Linc-3975 |
| #2 plastic nursery pots | 2 pu loads | GrIs-3844 |
| ABS plastic sheets, 24x14 | 130/1x | Kear-3966 |

| Material | Qty. | ID# |
|--|----------------|-----------|
| Acrylic scraps, sheets | Ongoing | Xxxx-3892 |
| Adhesive films | ns | Colu-2334 |
| Banding material—green | 80 gal/wk | Omah-1796 |
| Bubblewrap & foam wrap sheets (24x24x1/8) | ns | Linc-3228 |
| Bubblewrap/peanuts | 5 bxs/day | Linc-3805 |
| Clear plastic liner on rolls | 50,000#/yr | Vall-3857 |
| Copier covers & cassettes | 500#/qtr | Frem-1471 |
| Diaper scrap, PP/PE scrap, 800# bales | 3t/wk | RHON-3493 |
| Esterfoam & ethafoam, sizes vary | 1 lg. dmpr/mo | Hast-1636 |
| Fiberglass rebar scraps-1' to 15' long | 500#/wk | Sewa-3865 |
| HDPE—post-industrial scrap, black | ns | Linc-2014 |
| Matte liner .002 thick | 17,000#/yr | Vall-3858 |
| PP/PE-diaper scrap | 600,000#/mo | WHIT-4039 |
| Packing peanuts | 150 gal bag/mo | Hast-1870 |
| Packing peanuts | 1 bag/wk | Linc-3696 |
| Plastic bags—16x16 and 12x16 | ns | Beat-3382 |
| Plastic bags-various sizes | 25,000/1x | Omah-4022 |
| Plastic regrind-1/4" pellet | ns | Omah-2936 |
| Polyethylene—sheets | ns | Kear-2236 |
| Polypro bags | ns | Linc-3896 |
| Polypropylene, polyester | 300,000#/yr | Vall-3779 |
| Polystyrene—packing peanuts | 6-12 bags/mo | Omah-1885 |
| Polywrap plastic (shrink wrap, not shrink) | 20 drums/wk | Kear-2637 |
| PVC—rigid white scrap | 4 t/mo | Paxt-2068 |
| PVC pipe - various sizes and colors | ns | Benn-2459 |
| PVC-scrap, sawdust to 2' length | 10,000/yr | GrIs-3705 |
| Sheets—4"x 20" & 6"x 96" | 1 dmpr/mo | Colu-1027 |
| Shrink wrap | Lg. quantities | GrIs-3482 |
| Shrink wrap—black and clear mix | 1500#/mo | Linc-3187 |
| Stretch wrap | 20 drums/wk | Kear-2638 |
| Styrofoam sheets | ns | Linc-4049 |
| Zip-lock bags—3"x6" | 500/mo | Linc-1521 |
| Zip-lock bags—small | 600/wk | Linc-1555 |

Rubber

Seeking

| | | |
|--------------------------------------|----------------|-----------|
| Inner tubes | All | CANA-1422 |
| Matting—used | ns | Schu-2182 |
| Rubber | Lg. quantities | Omah-3910 |
| Rubber—cured or uncured, inner tubes | ns | DUON-3532 |
| Rubber scrap | Lg. quantities | LIOH-3294 |
| Scraps for school | ns | Colu-1031 |

Generating

| | | |
|--------------------|------------|-----------|
| Cork rubber scraps | 40,000#/mo | NeCi-2416 |
| Rubber product | 3 t/day | Kear-2238 |
| Scrap—cured | 10,000#/wk | McCo-1283 |
| Tires—used truck | ns | Auro-2322 |

Sand, Gravel, & Clay

Seeking

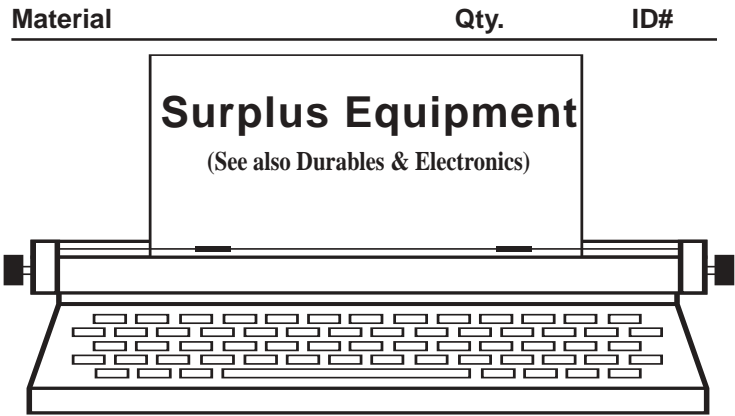
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| Clay, dirt, sand | ns | Colu-1974 |
| Clay for art projects | ns | Omah-3901 |
| Clay for schools | ns | Colu-1032 |
| Sand & gravel for schools | ns | Colu-1033 |

Generating

| | | |
|------------------------------|----------------|-----------|
| Blasting grit | 80-100 t/yr | Linc-2343 |
| Molding sand | Lg. quantities | Hast-3231 |
| Used glass blasting material | Lg. quantities | Xxxx-3049 |

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Seeking

| | | |
|--|-----------|-----------|
| Appliances—major | All | Frem-1909 |
| Appliances | Any | Omah-2482 |
| Art supplies, lumber, woodworking supplies | ns | Linc-3237 |
| Atlas | 1/1x | Linc-3633 |
| Auto shop equipment—for schools | Varies | Hebr-2082 |
| Baler | 1/1x | Omah-3933 |
| Binders-3 ring | ns | Linc-2183 |
| Binders | ns | Linc-3622 |
| Bookcase, monitor | ns | Linc-3720 |
| Bookshelves | ns/1x | Alli-3116 |
| Bookshelves | ns | Linc-3690 |
| Chairs, tables, cabinets | All | Linc-1090 |
| Chair-swivel w/ arms | 1/1x | Beat-3952 |
| Children's scissors | 30-40/1x | Norf-3615 |
| Computer tables | 4/1x | Linc-3632 |
| Commercial beverage cooler, bar stools, chairs | ns | Kear-3741 |
| Conference table and chairs | 1x | Omah-3789 |
| Conveyors, wood grinders | ns | Linc-3662 |
| Copier supplies-any toner, developers | ns | SSMD-2472 |
| Credit card reader (may be manual) | 2/1x | CeBl-3773 |
| Cubicle partitions | ns | Omah-3431 |
| Desks, school equip, audio visual equip | Ongoing | Linc-3864 |
| Desks w/ drawers, task chairs, computer tables | 1x | Omah-3752 |
| Dishes & Glassware | ns | Linc-2397 |
| Easel | 1/1x | Xxxx-3034 |
| Employee lockers | 2 sets/1x | Norf-3841 |
| File cabinets | 1/1x | Linc-4014 |
| File cabinets-fire proof | ns | Omah-2970 |
| File cabinets-3 or 4 drawer | 3/1x | Sewa-3997 |
| File cabinets-2 or 4 drawer, letter size | ns | Linc-3552 |
| File cabinet-2 or 4 drawer | 6+/1x | Frem-3659 |
| File cabinets | 2/1x | Beat-2753 |
| File cabinets-4 drawer | 2/1x | Beat-2737 |
| File cabinets, computer desks, office chairs | Varies | Beat-2625 |
| Folding chairs | 25/1x | Wave-2103 |
| Folding chairs, tables | 1x | Crof-3758 |
| Folding machine for brochures | 1/1x | Plai-3951 |
| Furniture-bar stools, chairs, folding chairs, tables | ns | Kear-3916 |
| Furniture—couches, coffee tables, etc. | ns | Linc-3558 |
| Gas powered aircraft tow | ns | Beat-3601 |
| Gym mats—for floor and wall | ns | Linc-3451 |
| Heavy duty stapler, pencil sharpener | ns | Linc-3348 |
| Household items (bedding, dishes, etc) | ns | Linc-3941 |
| Housewares, store fixtures, misc. durable goods | ns | Linc-3118 |
| Lab equipment—for schools, physics | ns | Hebr-2081 |
| Lawnmower-riding or push | 1/1x | Alli-3825 |
| Metal fabricating equipment, forklift | ns | Hast-3566 |
| Microfilm reader/printer | 1/1x | Ord-3163 |
| Nebraska flag | 1/1x | Linc-3634 |
| Office furniture- chairs, file cabinets, shelves | 7,3,3/1x | Spal-3650 |
| Office equip.—Desks, shelving, filing systems, etc. | ns | Hend-2107 |
| Office waiting chairs | 2/1x | Beat-3156 |
| Overhead projector, carousel projector | 1/1x | Xxxx-3033 |
| Paper shredder | 1/1x | Beat-3480 |

| Material | Qty. | ID# |
|---|----------------|-----------|
| Paper shredder—working | 1/1x | Palm-2134 |
| Paper shredder—large volume | 1/1x | Milf-3317 |
| Playground equipment | ns | Beat-3502 |
| Playground equipment, ground covering | ns | Linc-3692 |
| Pocket folders, binders | ns | Linc-3763 |
| Printing presses, dry cleaner equipment, etc., outdated | All | Omah-2480 |
| Restaurant equipment | ns | Linc-3721 |
| Round tables | ns | Norf-2573 |
| School materials, equipment | ns | Omah-4003 |
| School supplies, desks, equipment | ns | Linc-4005 |
| Science equipment—for schools | All | Pend-1225 |
| Science equipment | ns | GrIs-2943 |
| Science lab furniture & equipment | ns | Omah-2098 |
| Shelving | ns | Bart-3657 |
| Shelving—metal, adjustable | ns | Cent-3188 |
| Shelving, metal | ns | Linc-3879 |
| Shelving units | ns | Kear-3812 |
| Shop tools—for schools | ns | Hend-2106 |
| Sound system—professional quality | 1/1x | Linc-3644 |
| Sports equipment—weight training, mats, hurdles | ns | Elba-3674 |
| Storage cabinet, 2 door | 1/1x | Norf-2357 |
| Tables, chairs—small size for children | ns | Linc-3356 |
| Time clock | 1/1x | Loup-3810 |
| Time clock | 1/1x | Linc-3834 |
| TV/VCR combination | 1/1x | Crof-3870 |
| Water testing equipment | ns | Linc-2442 |
| Wheelchairs—push or electric | ns | Norf-3395 |
| Wheelchairs, walkers, positioning chairs, etc. | ns | Coza-3105 |
| Whitegoods and TVs | ns | Cook-3454 |
| Woodworking and other shop tools | ns | Gibb-3665 |
| Workout equipment—treadmills, airdynes, etc. | ns | Linc-3427 |
| Generating | | |
| Baler, small | 1/1x | Omah-3885 |
| Basketball hoops, stationary | 1 set/1x | Cret-3993 |
| Camera—Large, commercial, horizontal | 1/1x | Linc-2754 |
| Chalkboards | 3/1x | Cret-3988 |
| Check endorser—good condition, Martin Yale 938 | 1/1x | Omah-3542 |
| Conveyor solder reflow machine | 1/1x | Linc-2761 |
| Coolers—Coleman, 36" x 24" x 24" | 50/1x | Linc-3200 |
| Desks—elementary student | 50/1x | Bart-3656 |
| Dynascan System Analyzer-LA1000 | 1/1x | Linc-2768 |
| Electrical conduit poles—2 1/2" x 8' | 2/1x | Omah-1617 |
| Electric motors w/pumps, flo-meters, 3-8hp | 4/1x | Omah-3104 |
| File folders, interior | ns/1x | Linc-3960 |
| Forms burster—good condition, | 1/1x | Omah-3543 |
| Glass crusher | 1/1x | Neli-3710 |
| Granite encoder table | 1/1x | Linc-2762 |
| Growth chamber | 2/1x | Cret-2847 |
| Hog feeders—1 round metal, 1 wooden shed | 1 each | CeBl-3498 |
| Lazy Susan form table | 1/1x | Linc-2759 |
| Light fixtures | 5/1x | Loup-3331 |
| Mercury relays—30 and 60amp output, 110v coil | 50/1x | Linc-3424 |
| Oxygen bottles w/quality chrome valves, etc. | 2/1x | Linc-3345 |
| Paycheck printer | 1/1x | Loup-3332 |
| Polyethylene tubs | 6/1x | Linc-2769 |
| Rapiline 66 processor, 70 seconds | 1/1x | Linc-2755 |
| Science counters | 18/1x | Cret-3986 |
| Semi-automatic screening machine | 1/1x | Linc-2758 |
| Smoke detectors—24-volt system | 160/1x | Linc-2756 |
| Strobe horns (fire horns) | Lg. quantities | Linc-2765 |
| Student desks | 30/1x | Cret-3989 |
| Student desks, chairs, tables | ns | Elba-3675 |
| Test tube rack | 1/1x | Cret-3987 |

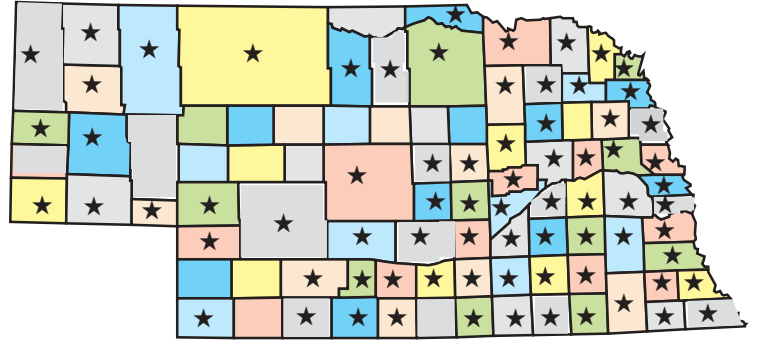
| Material | Qty. | ID# |
|--|----------------|-----------|
| Textiles & Leather | | |
| Seeking | | |
| Carpet, new or used | 4 pieces/1x | Spal-2507 |
| Carpet | ns | Kear-3742 |
| Clothing | ns | CeBl-2619 |
| Clothing | ns | Linc-3119 |
| Clothing—wearable, in good condition | All | CBIA-1962 |
| Clothing-coats | ns | Linc-2121 |
| Fabric/batting for quilts | ns | Linc-4017 |
| Fabric-upholstery fabric samples | ns | Linc-2132 |
| Fabric scrap | 25,000#/mo | BRNY-3769 |
| Fabric scraps-flat squares, partial bolts | ns | COQU-3948 |
| Polyester fiberfill | Any | Lemo-3450 |
| Quilt batting | ns | Axte-3854 |
| Quilt batting 100% cotton | ns | Linc-3853 |
| Scraps—textiles for schools | ns | Colu-1036 |
| Scraps—for schools, small | Sm. quantities | Linc-1088 |
| Vinyl or leather scrap | ns | Linc-3175 |
| Web strapping—3/4" to 2" | ns | Milf-1547 |
| Yarn and thread | Lg. quantities | Omah-3914 |
| Generating | | |
| Canvas—scraps, small cotton | ns | Milf-1548 |
| Cloths—cleaning | Lg. quantities | CBIA-1963 |
| Clothing—surplus, plus sizes | ns | Gibb-1862 |
| Clothing—wearable, mostly coats | Lg. quantities | CBIA-1964 |
| Fabric, leather, foam scraps | ns | Linc-3863 |
| Fabric—scrap | ns | Gibb-1860 |
| Fabric—partial bolts | several | Gibb-1861 |
| Fabric, thread, fiber, and polyurethane foam | 1dmp/wk | Linc-3172 |
| Scrap material | Lg. quantities | CBIA-1961 |
| Scraps & trimmings—carpet | Varies | GrIs-1254 |
| Upholstery fabric | 500-1000 yds. | Arap-2084 |
| Vinyl—scraps, 11 different colors | Lg. quantities | Suth-2114 |
| Yarn-industrial | 5,000#/mo | McCo-1282 |

| Wood | | |
|---|----------------|-----------|
| (For wood pallets see: Containers & Pallets) | | |
| Seeking | | |
| Barn wood—for stair tread & risers | ns | Linc-1518 |
| Blocks, scraps | ns | Linc-3555 |
| Lumber products—any | ns | Linc-2004 |
| Oak wood pieces | ns | Prin-2640 |
| Sawdust | ns | ANIA-3927 |
| Wood chips | ns | MAMO-2003 |
| Wood scrap | Lg. quantities | Linc-3661 |
| Wood scraps | ns | GEIL-1944 |
| Wood scraps, pallets | ns | Linc-3829 |
| Wood mulch | 50 bags/yr | Clar-3847 |
| Wood waste—all types, fee involved | Lg. quantities | GrIs-3704 |
| Wood and pallet scrap | Lg. quantities | Omah-4036 |
| Generating | | |
| Cable spools | 10/mo | Omah-2540 |
| Oak-rough or surfaced cut offs | 2 semi lds/yr | Beat-1372 |
| Plywood scraps | ns | Hast-1637 |
| Particle board scrap | 12-20 t/wk | Aubu-1511 |
| Sawdust | ns | Frem-3968 |
| Sawdust | ns/bags | Norf-3940 |
| Sawdust | 5 brls/wk | Xxxx-3898 |
| Wood, 4x4's | Lg. quantities | Wave-3315 |
| Wood chips & mulch | Lg. quantities | GrIs-3703 |
| Wood mulch | Lg. quantities | Linc-3972 |
| Wood scraps laminated | 2 brls/day | Xxxx-3897 |
| Wood scraps, 2x4's | 200/wk | Palm-2085 |
| Wood scrap | 5 dmpsr/mo | Omah-1801 |
| Wood scraps | ns | Frem-3969 |
| Wood scraps, 4x4's | 25/mo | Norf-1640 |
| Wood scraps & sawdust | ns | NoPl-1134 |
| Wood scrap | 60/wk | Mead-3039 |

The Nebraska Materials Exchange Program Wants You!

Currently 75 counties in Nebraska are involved with the Materials Exchange Program. Participating counties are denoted by stars on the map at right. Exchange representatives would like to have ALL the counties in Nebraska actively participating in the program.

If you or someone you know hasn't joined yet, the Materials Exchange Program wants you! Call 800-486-4562 (or in Lincoln call 486-4622.)



The following counties currently have no participants in the Materials Exchange Program:

Arthur Blaine Franklin Garfield Hayes Hooker Logan McPherson Thomas
Banner Chase Garden Grant Hitchcock Keya Paha Loup Stanton Wheeler

#ID Codes

Panhandle

| | | |
|----------------|----------------|-------------------|
| Alli- Alliance | Geri- Gering | Morr- Morrill |
| Bay- Bayard | Harr- Harrison | Rush- Rushville |
| Chad- Chadron | Kimb- Kimball | Scot- Scottsbluff |
| Craw- Crawford | Mitc- Mitchell | Sidn- Sidney |

West Central

| | | |
|------------------|-----------------|--------------------|
| Ains- Ainsworth | Elwo- Elwood | McCo- McCook |
| Arap- Arapahoe | Gran- Grant | NoPl- North Platte |
| Bart- Bartley | John- Johnstown | Ogal- Ogallala |
| Bass- Bassett | Lemo- Lemoyne | Paxt- Paxton |
| Benk- Benkelman | Lexi- Lexington | Suth- Sutherland |
| Brok- Broken Bow | LoPi- Long Pine | Vale- Valentine |
| Brul- Brule | Mayw- Maywood | |
| Cozd- Cozad | Maxw- Maxwell | |

Central

| | | |
|--------------------|--------------------|-----------------|
| Alda- Alda | Elba- Elba | Orle- Orleans |
| Alma- Alma | Gibb- Gibbon | Palm- Palmer |
| Arca- Arcadia | GrIs- Grand Island | Polk- Polk |
| Auro- Aurora | Harv- Harvard | RedC- Red Cloud |
| Axt- Axtell | Hast- Hastings | Rose- Roseland |
| Boel- Boelus | Hend- Henderson | Sarg- Sargent |
| Blue- Blue Hill | Hold- Holdrege | Shel- Shelton |
| Cent- Central City | Kear- Kearney | Spal- Spalding |
| Chap- Chapman | Loup- Loup City | Supe- Superior |
| Dave- Davenport | Marq- Marquette | Sutt- Sutton |
| Desh- Deshler | Mind- Minden | Wilc- Wilcox |
| Doni- Doniphan | Ord- Ord | |

Other

Xxxx- Confidential
 Codes with all capital letters refer to cities located outside Nebraska. Please contact a Materials Exchange representative for more information.

Southeast

| | | |
|--------------------|---------------------|---------------------|
| Adam- Adams | Fair- Fairbury | Plat- Plattsmouth |
| Aubu- Auburn | Fall- Falls City | PLDa- Pleasant Dale |
| Beat- Beatrice | Frie- Friend | Plym- Plymouth |
| Belv- Bellevue | Gene- Geneva | Prin- Princeton |
| Benn- Bennet | Gret- Gretna | Raym- Raymond |
| BlSp- Blue Springs | Hebr- Hebron | Roca- Roca |
| Brow- Brownville | Itha- Ithaca | Sewa- Seward |
| CeBl- Cedar Bluffs | LaPl- LaPlatte | Ster- Sterling |
| Cere- Ceresco | Lavi- Lavista | Syra- Syracuse |
| Cook- Cook | Linc- Lincoln | Tecu- Tecumseh |
| Cret- Crete | Malc- Malcolm | Utic- Utica |
| Davi- David City | Mead- Mead | Vall- Valley |
| Dent- Denton | Milf- Milford | Valp- Valparaiso |
| Dill- Diller | NeCi- Nebraska City | Waverly- Waverly |
| Doug- Douglas | Osce- Osceola | Waho- Wahoo |
| Eagl- Eagle | Omah- Omaha | Wate- Waterloo |
| Elmw- Elmwood | Pana- Panama | Weep- Weeping Water |
| Elkh- Elkhorn | Papi- Papillion | West- Weston |
| Exet- Exeter | PaCi- Pawnee City | York- York |

Northeast

| | | |
|--------------------|------------------|---------------------|
| Albi- Albion | Hart- Hartington | Plai- Plainview |
| Alle- Allen | Kenn- Kennard | PCen- Platte Center |
| Arli- Arlington | Laur- Laurel | Schu- Schuyler |
| Beem- Beemer | Leig- Leigh | Scri- Scribner |
| Beld- Belden | Lyon- Lyons | SoSc- S. Sioux City |
| Blai- Blair | Madi- Madison | Wake- Wakefield |
| Butt- Butte | Monr- Monroe | Wash- Washington |
| Clar- Clarkson | Neli- Neligh | Waus- Wausa |
| Colu- Columbus | Niob- Niobrara | Wayn- Wayne |
| DaCi- Dakota City | Norf- Norfolk | WePo- West Point |
| Dodg- Dodge | Nort- North Bend | Winn- Winnebago |
| FiCa- Fort Calhoun | Osmo- Osmond | Wyno- Wynot |
| Frem- Fremont | O'Ne- O'Neill | |
| Full- Fullerton | Pend- Pender | |

SPECIAL THANKS TO THE LATEST PARTICIPANTS
 IN THE MATERIALS EXCHANGE PROGRAM

Cabela's
 Certified Refrigerant Services, Inc.
 Cornhusker Winnelson
 Colonial Research Chemical, Inc.
 Design Data
 Eaton Corporation
 Garner Industries

Groundwater Foundation
 Hartington 4-H Council
 InfoLinc Computers
 Kidz Korner
 Nebraska Business Dev. Center
 Nebraska By-Products
 Nebraska Hospital Association

Penner's Tire & Auto, Inc.
 Plant Pros
 Shonsey Associates
 St. Vincent dePaul Whse & Stores
 Waverly Computer Recyclers
 Woodmen Accident and Life

SUCCESSFULLY MATCHED

A FOOD WASTE SOLUTION FOR FAIRMONT FOODS

Food Waste Solutions is an Iowa-based company that has participated in the Materials Exchange Program since 1998. They recycle large quantities of food by-products, turning the material into an animal food ingredient called "bakery feed".

Fairmont Foods is a large Minnesota-based company that manufactures frozen prepared foods. As a result of their manufacturing process, Fairmont Foods generates a large amount of food waste. After recently losing their long-time food waste hauler, the material was being landfilled at considerable expense to Fairmont Foods.

In August of 2002, the Nebraska Materials Exchange connected the two companies and a dialogue began. In December, Food Waste Solutions began hauling approximately 80,000# a month from the Minnesota company back to their Iowa facility.

While the Nebraska Materials Exchange usually works with businesses within the state, we consider any material diverted from any landfill to be a success story for the environment.

Office Remodel Benefits Others

Last November the Materials Exchange received a call from a Lincoln insurance company. They had recently done some office remodeling and had a number of file cabinets that needed new homes. The problem? The company wanted the file cabinets out of their facility in two days or they would be dumped.

Phone calls and emails went out to area non-profit organizations and schools. By the end of the second day, 28 file cabinets had been successfully relocated.

ongoing needs

COMPUTERS

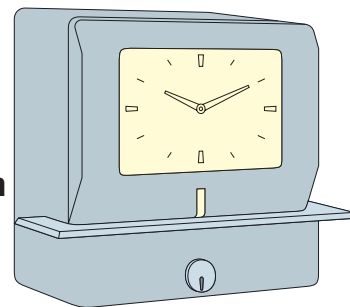
Working computers are in high demand by non-profit organizations. A number of agencies refurbish the computers as needed and give them to low income families. Computers with CD Rom drives are always preferred, but some organizations will take older computer systems.

It is important that the computers are in good, working condition. It has been brought to our attention recently that some of the referrals we've made have resulted in these agencies being "stuck" with a number of non-working computers. This forces the non-profit organizations to either pay for disposal or stockpile the computers.

If you have a working computer that you would be willing to donate, please give us a call at the Exchange. If you need recycling information for non-working or older computer systems, we would be happy to help you find a recycler near you!

TIME CLOCKS

Another need for several non-profit organizations--time clocks. If you have an older, working time clock gathering dust in the back room, please give the Exchange a call at 402-486-4622.



OFFICE FURNITURE

Chairs, desks, file cabinets, desktop printers, binders...We usually have no problem placing good office furniture with schools or non-profit agencies. So check out your storeroom and give us a call. We may be able to find your "junk" a new home.

TAKE A LOOK...

We'd like to put the spotlight on some unusual items that might be getting "lost" in the listings. Please take a minute to glance through these unique materials. If you find anything of interest to you or your organization, please call the Exchange Facilitators at 402-486-4622.



Seeking

Art materials
Hardwood gym flooring
Radios with base station
Wax-food grade
Nebraska flag
Binoculars
Potter's wheel
Microfilm readers & printers
Credit card reader (manual)

Generating

Concrete bunker supports
Steel grain bins
Blue wine bottles
Cork rubber scraps
Blasting grit
Non-acetone polish remover
Window pane glass
Wire shavings, powder
Polyethylene tubs

Nebraska Materials Exchange Program Application

The purpose of this form is to identify any wastes or surplus materials from one business, industry or school that could be utilized by another. The more information you provide, the more likely an exchange will occur. Please type or print. Questions? Call Keep Nebraska Beautiful at 1-800-486-4562. (In Lincoln call 486-4622)

Company/Organization

| | | |
|------------------------|--------------------|--------------|
| Contact | Date | |
| Mailing Address | | |
| City | State | ZIP+4 |
| Phone () | Fax () | |
| Email Address | | |

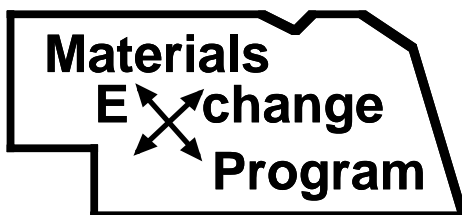
Note: Please complete all applicable items. If you have more than one item, please copy this form for each material, or attach a list of materials and the quantity of each one.

1. Is your company/organization a 501(c) 3 nonprofit organization? ___ Yes ___ No
2. Does your company have a newsletter? If yes, who is the contact? _____
3. To what trade associations do you belong? What trade magazines do you read? _____

4. May we release your name/address/phone to interested parties? ___ Yes ___ No
5. Are you SEEKING or GENERATING this material? ___ Seeking ___ Generating
6. Please Specify Material Here: *Generic name or primary usable constituent (If plastic, list mfg. & commercial name/grade #):

7. List quantity (in units: pounds, etc.): _____ **Per:** Day Week Month Quarter Year 1X only
8. Physical state: (if applicable) Liquid Slurry Solid Semi-solid Sludge Dust Cake Gas Other _____
9. Packaging: (circle one) Bulk Drums Dumpsters Gaylords Pallets Bales Other _____
10. 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.

11. Available to interested parties: (if applicable) ___ Sample ___ Lab Analysis ___ Independent Analysis
12. Please list any items your company would be willing to donate to schools.



Thank you for your interest in the Nebraska Materials Exchange Program. We will keep in contact with you regarding your application, as well as send our quarterly materials exchange newsletter, *The Link*.

Please mail or fax this form to:
 Keep Nebraska Beautiful,
 3201 Pioneers Blvd., Suite 306, Lincoln, NE 68502-5963
 Fax: (402) 486-4563
 Applications can also be submitted via the website at www.knb.org



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

Name _____

Co./Org. _____

Mailing Address _____

City/State/Zip _____

Phone: () _____ Fax: _____

_____ Sustaining Member \$1000+

_____ Sponsoring Member \$500-999/yr.

_____ Supporting Member \$100-499/yr.

_____ Chamber of Commerce \$50/yr.

_____ Community-Pop. over 5,000 \$100/yr.

_____ Community-Pop. under 5,000 \$50/yr.

_____ Sr. Citizen/Student \$10/yr.

_____ Non-profit/Civic Org./School \$30/yr.

_____ Family \$20/yr. or \$45/3 yrs.

_____ Individual \$15/yr. or \$30/3 yrs.

Your paid membership entitles you to several 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 canvas shopping bag
- Quarterly mailings of the KNB newsletter *Waste Paper*
- Quarterly mailings of *The Link*
 - Via electronic email—address _____
- Information on workshops & conferences

Total amount enclosed \$ _____

Send your check and membership form to:

***Keep Nebraska Beautiful
3201 Pioneers Blvd., Suite 306
Lincoln, NE 68502-5963***

For Sustaining, Sponsoring & Supporting Members Only:

- Corporate member wall plaque (or brass disc for renewals)
- A free copy of Keep America Beautiful's *Waste in the Workplace*

Make Checks Payable to: Keep Nebraska Beautiful

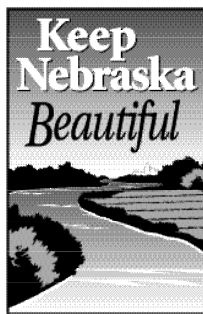
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Telephone: (402) 486-4562

Fax: (402) 486-4563

Web Site: <http://www.knb.org>

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Governor's Council to
Keep Nebraska Beautiful
3201 Pioneers Blvd., Suite 306
Lincoln, NE 68502-5963