



**GREATER LEBANON
REFUSE AUTHORITY**

Recycling Guide for the
Residents of Lebanon County

Recycling *Roundup*

1996 - 1997

**Ready.
Set.**

RECYCLE!



In that race against time, Lebanon County has reached the finish line way ahead of schedule. In 1995 Lebanon County recycled 34% of its total waste generated as compared to the 25% state mandate by 1997. As we look back upon recycling in its primary stages, we see that Lebanon County has successfully hurdled many milestones. The most pressing being the fluctuating markets. Markets are down, yet spirits are high. Recycling in Lebanon County continues to climb that ladder of success. The unrelenting support of Lebanon County waste haulers to collect recyclable materials during times of economic slumps in markets has been key to the success of Lebanon County's recycling programs. In 1995, Lebanon County increased its residential recycling tonnage by over 4000 tons. Residents of the County demonstrate an overwhelming desire to recycle.

Yet it is the steadfast efforts of Lebanon County waste haulers who faithfully collect recyclables even when markets reach record lows. As we enter the final stages in this race against time, Lebanon County holds its position as one of the leading recycling counties in the state of Pennsylvania. So...Let's go Lebanon County residents, waste haulers and businesses... Continue to keep Lebanon County a lap ahead!!!

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Recycling Plastic is as Easy as #1 . . . #2 . . .



Recycling a milk jug, a soda bottle or a laundry detergent bottle has become a routine function in the average household on a daily basis...Separate the #1's from the #2's...Throw away the #3's, #4's, #5's, #6's and #7's. But what does the little number on the bottom of the container really mean...And why can't we recycle the #3's, #4's, #5's, #6's and #7's??? If a margarine tub is a #2, then why can't we recycle it with the other #2's??? Plastic is plastic, right?... Wrong!!! Recycling plastics is a little confusing...hopefully many of your questions will be answered making the recycling experience in your home a much easier and a more enjoyable task...

All recycling collection programs in Lebanon County, whether curbside or drop-off, accept plastic. It is important to note that this includes only certain types of plastic. Some specific examples are soda bottles (#1 PET or PETE), milk and washer jugs (#2 HDPE) and colored laundry bottles (also #2 HDPE). In Lebanon County any **bottle** coded #1 PET, #1 PETE, or #2 HDPE is recyclable...The key word here is **bottle**...

The success of a community's recycling program depends upon public participation and the quality of the materials collected. The types of plastics collected in Lebanon County's curbside and drop-off recycling programs have caused some confusion relative to determining what should and should not be put into the recycling bin and why. While many people believe that all plastics are the same...they are not!!!

There are many different types of plastics, just as there are different types of metals and different grades of paper. Plastics need to be sorted just as newspaper must be separated from corrugated cardboard before it can be recycled.

Why are containers made of different plastic types?

Different types of plastics are used in packaging because they serve different functions. PET or PETE is used to make soda bottles because it holds carbonated beverages well. HDPE is used for milk jugs and detergent bottles because the properties of HDPE allow it to be molded with a handle. In order for the plastics to retain these properties when they are recycled into new products, these different plastics must be separated from one another.

Why can't all #1 & #2 plastic containers be recycled?

Plastics are made up of building blocks called hydrocarbons, derived from petroleum or natural gas. These monomers (small molecules) are chemically bonded into chains called polymers or plastic resins. Different combinations of monomers yield resins with special properties and characteristics.

The code number on the bottom of a plastic container identifies the general resin type of that container. But even with these general resin types, differences exist among some containers. For example, both a milk jug and a margarine tub are coded #2 HDPE. A milk jug is a **bottle**, or a blow-molded container. The margarine tub is an injection-molded container. The two melt at different temperatures...one at a very high temperature, the other at a very low temperature. If the two are mixed together in the recycling process, they would produce a container with mixed properties; not a useful container to the packaging industry. Markets for post-consumer, blow-molded, #2 HDPE bottles are relatively strong and consistent. Markets for injection-molded HDPE are very weak, almost non-existent.

What plastics are recyclable?

It is important to realize that just because a bottle or container has the chasing arrows and the number located on the bottom, it does not necessarily mean that it can be recycled. The symbol is only intended to tell recycling processors and manufacturers what type of plastic the container is made from. According to the American Plastics Council (APC), the symbol was not meant for use by consumers as an identifying tool. Realistically, however, the code **has** become an identifier for consumers.

So, how do you tell what is and what is not recyclable? In Lebanon County only the following plastics are recyclable:

all **bottles** coded # 1 PET or #1 PETE

all **bottles** coded #2 HDPE

A **bottle** is a container with a neck that is smaller in diameter than the bottom.

All caps and lids should be removed. Most caps and lids are made from a different resin than the bottle itself.

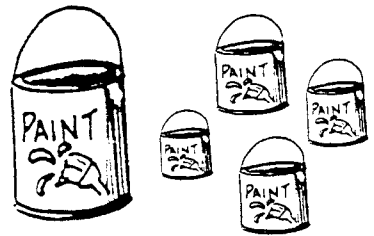
For plastic recycling to work best, bottles must be flattened. Step On It...50% more space is created for recyclables in the bin.

What about the other plastics?

Plastic grocery bags can be recycled at many of the local larger chain grocery stores. Any other types of plastic containers, the #3's, #4's, #5's, #6's and #7's, should be disposed of in the regular trash. Other types of plastic goods such as storage containers, toys, flower pots, laundry baskets, etc. are trash, **not** recyclables, and should be disposed of in the garbage also.



How Do I Get Rid Of ...



One of many commonly asked questions in regards to recycling is.....What do I do with leftover paint? The best way to deal with leftover paint is not to produce it in the first place. It is important that we as consumers only purchase the amount of paint needed for the job at hand and then use it up. But if some paint does happen to be leftover, it can be stored for touch-ups and other projects. Properly stored paint can last for years. Simply place a piece of plastic wrap over the opening of the can, secure the lid, then flip the can over

Inside, the paint will form a seal around the lid and keep the paint fresh. Excess usable paint can also be donated to local churches, school theatre groups and other civic organizations. As a last resort, leftover paint can be air-dried and disposed of in the regular trash. To speed up the drying process, remove the lid, mix the paint with cat box litter, saw dust or shredded newspaper and then leave it to **completely** dry. These materials will absorb the paint and, once dry, may be disposed of normally.

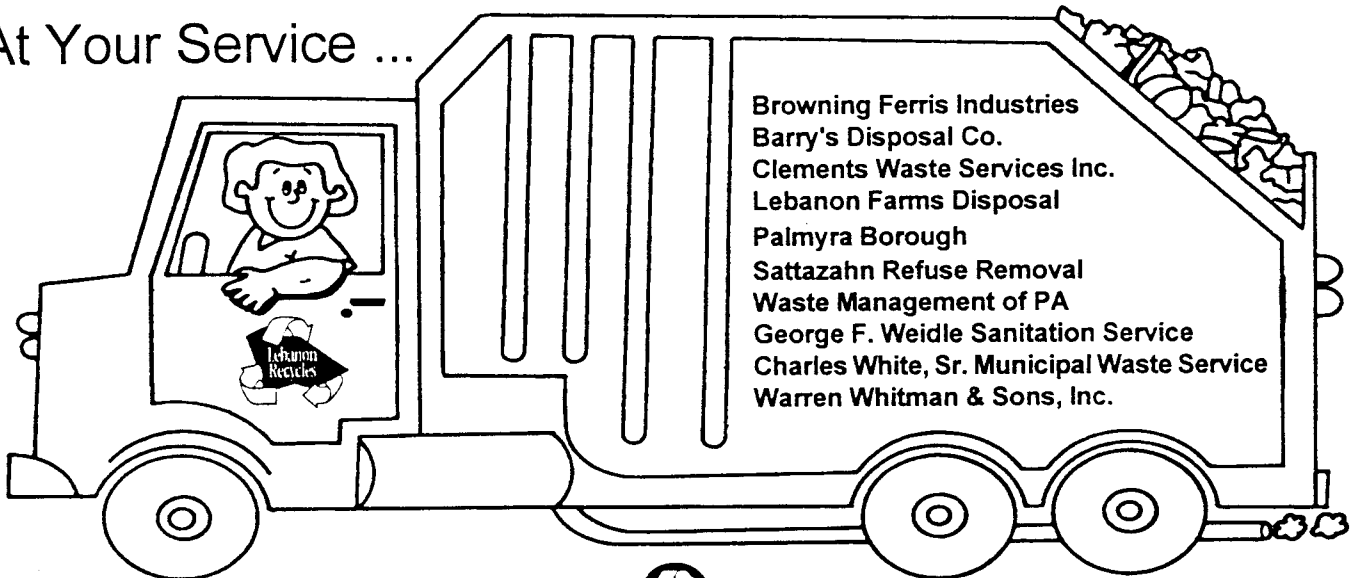


T H E M A G I C O F **THE ILLUSION MAKER** *Plus* **FREDDIE & COMPANY**

*A performance which mesmerizes
the entire family...
Mark this date on your calendar...
You can't miss the Magic of the
Illusion Maker*

On Stage
513 Cumberland Street
Tuesday, October 15, 1996
7:00 p.m.
Admission FREE

At Your Service ...



Browning Ferris Industries
Barry's Disposal Co.
Clements Waste Services Inc.
Lebanon Farms Disposal
Palmyra Borough
Sattazahn Refuse Removal
Waste Management of PA
George F. Weidle Sanitation Service
Charles White, Sr. Municipal Waste Service
Warren Whitman & Sons, Inc.



Curbside Collection Programs Throughout Lebanon County

Thirteen individual curbside collection programs exist throughout Lebanon County. Each program differs in the type of materials collected and the frequency of collection. Listed below are the curbside programs, a brief description of each and a contact.

Annvile Township: Annville, the youngest of the voluntary curbside collection programs, successfully recycled 21% of its total waste generated in 1995. The Township has contracted its waste disposal and recycling services to Browning Ferris Industries (BFI). Residents are asked to purchase a recycling container from the township for \$5.00. Acceptable items include clear, green, and brown glass bottles and jars, aluminum cans, bimetal cans, plastic soda bottles, plastic detergent bottles, plastic milk jugs, office paper and newspapers. Contact the Township Office at 867-4476 with questions.

Cleona Borough: Cleona continues to maintain its status as the oldest voluntary curbside collection program in the county since 1971. Borough residents should contact Browning Ferris Industries (BFI) to arrange for waste and recycling services. Acceptable items include clear, green and brown glass bottles and jars, aluminum cans, bimetal cans, plastic drink, cleanser, and detergent bottles marked PET #1 and HDPE #2, newspaper and corrugated cardboard. Call Lisa Daubert at 272-7167 with any questions.

Lebanon City: Recycling is mandatory for residents of the City who are asked to contact one of the licensed haulers to arrange for waste and recycling services. Different haulers provide different services. It is wise to find out which hauler is best suited to meet your particular needs. Call the City's recycling hotline at 273-6711 ext. 2444 for the list of haulers and any other recycling questions.

LebCOG: Lebanon Council of Governments (LebCOG) consists of five neighboring municipalities who signed an agreement to develop curbside programs: Cornwall Borough, Mt. Gretna Borough, South Annville Township, South Londonderry Township, and West Cornwall Township. In 1995 LebCOG doubled its recycling figures from 8% to 16%. Licensed haulers for the LebCOG area include: BFI, Lebanon Farms Disposal, Warren Whitman & Sons, and Waste Management. Residents are asked to contact their municipal office or a hauler with questions.

North Lebanon Township: North Lebanon Township holds the highest municipal recycling rate in the County. In 1995 the Township recycled 34% of its total waste generated. Residents of this mandated community must contract directly with one of the licensed haulers for recycling services. Acceptable items include: clear, green and brown glass, aluminum cans, bimetal cans, plastic drink, cleanser and detergent bottles (PET #1 and HDPE #2). Recycling containers are available at the Township Building. Contact Tina Haser at 273-7132 with questions.

North Londonderry Township: Residents of North Londonderry's mandated community are required to select one of the following authorized haulers: Browning Ferris Industries (BFI), Warren Whitman & Sons or Waste Management. Haulers will provide a recycling container. Acceptable items include: newspapers, clear, green, and brown glass bottles and jars, aluminum cans, bimetal cans, plastic beverage, cleanser, and detergent bottles (PET#1 and HDPE #2). Contact Gordon Watts at 838-1373 with any questions.

Palmyra Borough: Recycling collection services for this mandated community are provided by the Borough. Containers are available at the municipal building at no cost. Acceptable materials for recycling include: clear, green, and brown glass bottles and jars, aluminum cans, bimetal cans, newspapers, and plastic beverage, cleanser, and detergent bottles coded PET #1 and HDPE #2. Call the Borough Office at 838-6361 with any questions.

South Lebanon Township: Residents of South Lebanon, yet another of the mandated communities, are asked to contract waste and recycling services through a hauler of their choice. It is important to compare services and select the hauler that best meets your needs. Recycling containers can be picked up at the Township Building at no cost. Acceptable items include: clear, green, and brown glass bottles and jars, aluminum cans, bimetal cans and newspapers. Contact Curt Kulp at the Township Office at 274-0481 with questions.

West Lebanon Township: West Lebanon Township also successfully operates a voluntary curbside program. Residents of the Township should contact Browning Ferris Industries (BFI) to arrange for waste and recycling services. Containers can be picked up at the Township Building at no cost. Acceptable items include: clear, green, brown glass bottles and jars, aluminum cans, bimetal cans, newspapers, plastic milk jugs, soda bottles, and detergent bottles. Please call the Township Office at 274-1598 with any questions.



Recycling Drop-Off Centers



CENTER	ADDRESS & PHONE	HOURS	MATERIAL ACCEPTED
BFI Recycling Drop-Off Center	123 East High Street Palmyra Phone: 838-8845	Mon - Fri 8 am - 4 pm Sat 8 am - 12 pm	Newspaper*Magazines*Junk Mail*Office Paper*Corrugated Cardboard*Bimetal & Aluminum Cans*Phone Books*Glass Bottles & Jars* #1 & #2 Plastics*
BFI - Avon Recycling Drop-Off Center	75 South 13th Avenue Lebanon Phone: 838-8845	Mon - Fri 8 am - 5 pm Sat 8 am - 12 pm	Aluminum & Bimetal Cans*Clear, Green & Brown Glass*Magazines*Newspaper*Phone Books*Plastic Milk, Soda & Detergent Bottles* Corrugated Cardboard*
Brandywine Recyclers	14th & Church Streets Lebanon Phone: 272-4655	Mon - Fri 7:30 am - 4 pm Sat 8 am - 12 pm	Aluminum*Ferrous & Non-Ferrous Metals* All Appliances—including Freon*
Dixon Recyclers A Division of Waste Management of Pa	14th & Church Streets Lebanon Phone: 272-4655	Mon - Fri 7:30 am - 4 pm Sat 8 am - 12 pm	Corrugated Cardboard*Office Paper* Glass*Plastic*
Fratarolli's Recycling Center	448 West Water Street Annville Phone: 867-4722	Mon - Fri 8 am - 5 pm Sat 8 am - 12 pm	All Metals*Copper*Brass*Aluminum*All Steels* Car Batteries*
Greater Lebanon Refuse Authority (GLRA)	1610 Russell Road Lebanon Phone: 867-5790 Ext.307	Mon - Fri 7 am - 4:30 pm Sat 7 am - 12 pm Monitored By Surveillance	Aluminum & Bimetal Cans*Clear, Green & Brown Glass*Magazines*Newspaper*Phone Books*Plastic Milk, Soda & Detergent Bottles* Corrugated Cardboard* All Appliances—including Freon ■*
Lebanon County/City Municipal Building	400 South 8th Street Lebanon Phone: 273-6711 Ext. 2444	3rd Saturday of the Month 8 am to 12 pm	Newspaper
Lebanon City	14th & Lehman Streets Lebanon Phone: 273-6711 Ext. 2444	Summer: Mon-Tue-Thu 10 am - 2 pm 5:30 pm - 7:30 pm Sat 8 am - 12 pm Winter: Mon 10 am - 2 pm Tue - Thu 10 am - 5 pm Sat 8 am - 12 pm	Aluminum & Bimetal Cans*Clear, Green & Brown Glass*Magazines*Newspaper*Plastic Milk, Soda & Detergent Bottles*Corrugated Cardboard*Junk Mail*
North Lebanon Township Building	725 Kimmerlings Road Lebanon Phone: 273-7132	2nd Saturday of the Month 9 am - 12 pm	Newspaper
Reazer's Auto Parts	2449 Elias Avenue Lebanon Phone: 273-7474	Mon - Fri 8 am - 5 pm	Metals*Car Batteries*All Appliances* (Freon must already be removed by certified contractor)*
Union Township Jonestown	Hutter's Coastal Station Routes 72 & Old 22	7 days a week - 24 hours Monitored by Surveillance	Aluminum & Bimetal Cans*Clear, Green & Brown Glass*Newspaper*Corrugated Cardboard*Plastic Milk, Soda & Detergent Bottles*
Union Township Fort Indiantown Gap	Fort Indiantown Gap FTIG PX Store Rickards Road	7 days a week - 24 hours Monitored by Surveillance	Aluminum & Bimetal Cans*Clear, Green & Brown Glass*Newspaper*Corrugated Cardboard*Plastic Milk, Soda & Detergent Bottles* Magazines*
Jackson Township Municipal Center	Ramona Road & Washington Avenue	7 days a week - 24 hours Monitored by Surveillance	Aluminum & Bimetal Cans*Clear, Green & Brown Glass*Newspaper*Corrugated Cardboard*Plastic Milk, Soda & Detergent Bottles* Magazines*
W. S. Enterprises	15 South 9th Street Lebanon Phone: 272-2405	Mon-Wed-Thu 9 am - 5 pm Tue & Fri Until 8 pm Sat 9 am - 3 pm	All Appliances—including Freon



Safe Disposal of Hard to Dispose of Items

Items such as used motor oil, antifreeze, automobile tires and batteries should not be tossed in the garbage, poured down a drain, buried in the ground or burned in a backyard. There are safer methods of disposal which do not pose a threat to the environment. The following is a list of local businesses located throughout Lebanon County that will accept one or more of the following items for disposal. Depending on where you go, a disposal fee may be required on the items listed below. The disposal fee for tires generally ranges from \$1 to \$4.

A = Antifreeze

B = Batteries

O = Motor Oil

T = Tires

ANNVILLE

Brough's Service B, O, T
RD 1 867-2201

Music's Sales & Service O & T
1417 E. Main St. 867-1161

CLEONA

Carmerica Service Center A, O, T
558 E. Penn Ave. 272-2102

GRANTVILLE

Anspach Auto Parts A, B, O
Park St. 865-6661

JONESTOWN

Kleinfelter Chevrolet Co. B, O, T
451 Jonestown Rd. 865-2158

LEBANON

Bamberger's Inc. B, O, T
2 Cumberland St. 272-6641

Bensing Bros. Garage T
16 South Third Ave. 273-2311

Blouch's Mobile O
1730 N. Highway 72 273-8838

Boscov's Auto Center A, B, O, T
Lebanon Valley Mall 274-1441

Cambell's Service Center B, O, T
157 North 9th St. 273-4662

Curt's Auto Service O
847 Cornwall Road 270-1800

Ebersole Honda A, B, O, T
2500 Cumberland St. 274-5936

LEBANON CONT.

Firestone Tire & Service A, B, O, T
1143 Quentin Rd. 273-8111

H.A. Boyd Inc. B, O, T
12th & Chestnut Streets 273-9385

Hawryluk Garage B & O
RD 4 867-1206

Keener's Service Station O
RD 4 867-4311

Lasher's Garage B & O
RD 4 867-2221

Lebanon Auto Clinic B, O, T
421 E. Walton St. 274-8380

Leffler's Service A, B, O, T
9th & Maple Streets 272-9951

Leiss' Garage B, O, T
1834 Lehman Street 274-2027

Market Square Service Station A, B, O, T
9th & Spring Streets 274-9896

Monroe Muffler & Brake A, O, T
1800 W. Cumberland St. 273-5592

Reazer's Auto Parts B & T
2449 Elias Avenue 273-7474

Sears Auto Center B & T
Lebanon Plaza 273-7631

Simon S. Kettering & Sons T
16th & Cumberland Streets 272-5771

Snyder's Service A, O, T
909 North 7th Street 272-2094

LEBANON CONT.

Tim Wolfe's Texaco A, B, O, T
1358 Cumberland St. 273-7051

Zimmey's Automotive A, B, O, T
Rt. 322
508 Horseshoe Pike 867-1644

ONO

Shuey's Sales Service O
Jonestown Road 865-4915

PALMYRA

Blose's Garage A, B, O, T
655 W. Cherry St. 838-3661

Dayne's Auto Center B, O, T
328 E. Main St. 838-5321

Hartman's Transmissions O
1017 E. Main St. 838-2135

Jim's Texaco A, B, O
W. Main & Hetrick 838-1000

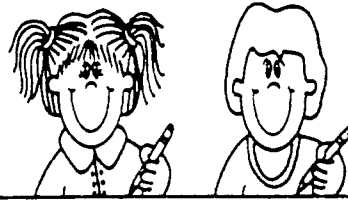
Klick-Lewis, Inc. A, B, O, T
720 E. Main St. 838-1353

Palmyra Auto Service A, B, O, T
130 W. Main St. 838-6385

The GLRA has prepared this list based on the best information available at the time. The GLRA does not endorse any of the companies listed. Please notify the GLRA of any errors, omissions, or updates.

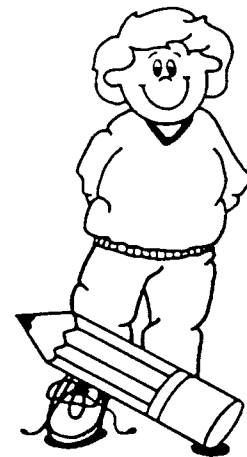
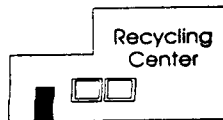
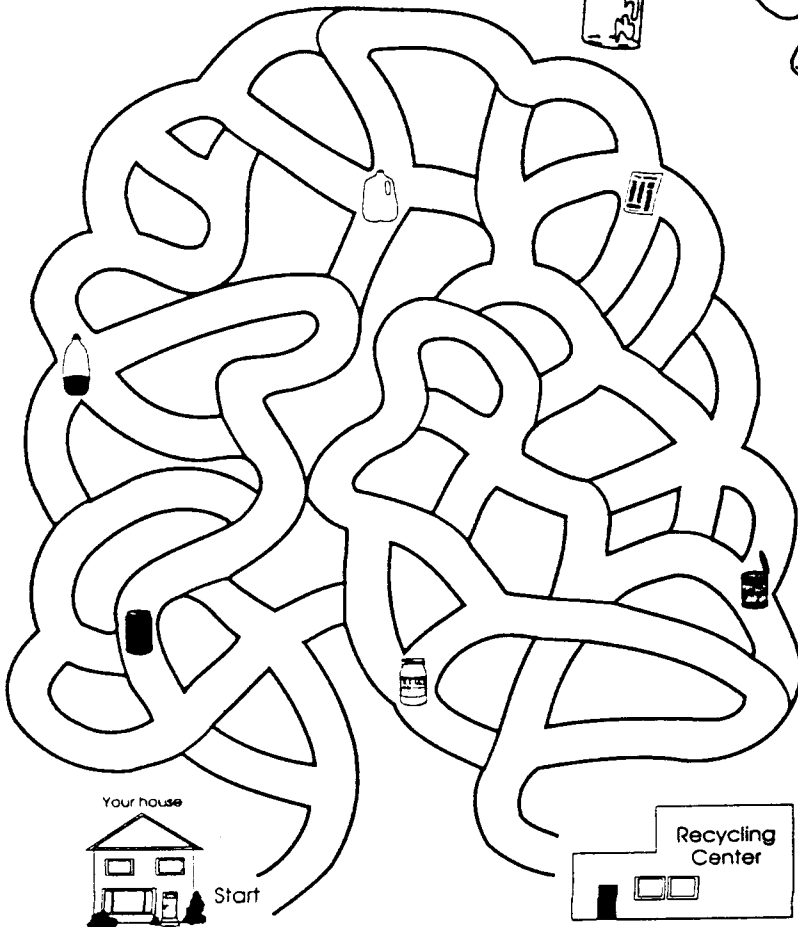


Reduce - Reuse Kids Corner Recycle



Circle the words going across and down in the puzzle...
You should find nine words describing things we throw away.
What do the circled words that go across all have in common?

B	K	A	L	U	M	I	N	U	M
I	L	T	P	L	E	A	V	E	S
L	P	A	P	E	R	J	D	S	R
M	C	G	L	A	S	S	I	C	U
P	L	A	S	T	I	C	S	R	B
Q	O	T	O	H	N	U	H	I	B
U	T	R	O	E	O	V	E	L	E
G	H	I	N	R	R	E	S	T	R



Follow the path from your house
to the recycling center...
Collect all six recyclables along the way.
Be careful not to cross any lines...Good Luck!



THE EARTH MACHINE

21st CENTURY HOME COMPOSTER

Available At The Greater Lebanon Refuse Authority For Only \$36.00

We are interested in hearing your questions and comments. Please contact Amy M. Herda, County Recycling Coordinator, at the GLRA at 867-5790 Ext. 307



Recycle Your Styrofoam Peanuts and Plastic Loose-Fill ...

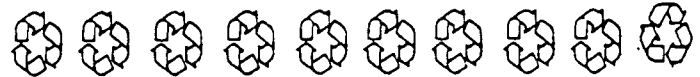
Please help reduce the amount of packaging material that ends up in the landfill by reusing the loose-fill yourself or recycling it at the local collection location in Lebanon County...

**Mail Dock
1594 Cumberland Street
Lebanon, PA
274-6600**

The acceptable items that may be dropped off for recycling are:

- Styrofoam Peanuts**
- Plastic Bubble Wrap**
- Foam Packaging Wrap**

For the location of a plastic loose-fill collection center near you, call 1-800-828-2214.



1610 Russell Road • Lebanon, PA 17046

Bulk Rate
U.S. Postage
PAID
Harrisburg, PA
Permit No. 917

ECR WSS POSTAL CUSTOMER