



MORRIS COUNTY Resource Recovery Report

Vol. 4, No. 2

Spring, 1985

Mandatory Recycling Bill-Update

In mid-March, the first draft of the Statewide Mandatory Recycling Bill (A-3382/S-2820) was released. This 50-page document proposes recycling measures and requirements that could affect every business, municipality and resident in the State of New Jersey.

Some of the Bill's most outstanding features include:

- A requirement for a 15% reduction in MSW* within 12 months of enactment, and a 25% reduction in MSW* within 24 months of enactment.
- Eligibility for annual Tonnage Grants to be dependent upon achievement of the above goals.
- A requirement for all solid waste haulers to provide recycling services for designated materials.
- A ban on beverage cans with detachable openers and/or plastic ring connectors.
- Potential establishment of deposits on bi-metal and plastic beverage containers and tires.
- Potential establishment of "recycling funds" for the above materials which will be comprised of 1/2 of the deposit paid on each material (i.e. consumer pays a \$3.00 deposit on a new tire and receives \$1.50 upon return. Remainder is directed to "tire fund" for establishment of recycling systems for tires).
- A ban on the sale of PVC plastic containers and "brick-pack" containers (e.g. aseptic juice cartons) in the State of New Jersey.
- A ban on landfilling of leaves.
- A variety of tax incentives for development of markets for recyclable materials.

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"Recycled Lady" Steals The Show

The centerpiece of the 1985 New Jersey Flower and Garden Show (2/23-3/3) featured a beautiful Statue of Liberty replica made entirely from recycled materials.

The statue was created by Mr. Peter Penna, a Livingston, N.J. artist, in honor of his parents who immigrated to the United States from Italy in 1920. The statue stands 17 feet tall.

The recycled materials used in its creation include a hubcap, coffee can, tuna fish can, tin, aluminum, vinyl, shelf molding, door knobs, lumber, a chair leg, an old table lamp, a staircase spindle and a car jack.

The display, sponsored by the New Jersey State Federation of Women's Clubs included informational materials on recycling, solid waste management and hazardous wastes.

Plastics: Some Today, More Tomorrow

Although the actual title of the March 28 plastics conference was "Plastics Recycling-Here Today, Here Tomorrow," participants learned that "Some Today, More Tomorrow" may have been a more appropriate title.

The conference, co-sponsored by the Office of Recycling, the Society of the Plastics Industry and Rutgers University, focused on such topics as the properties of plastics, packaging trends, plastics incineration and future uses of plastic scrap.

Recycling Plastics

The main problem in recycling many plastic items, it was discussed, is that so many of our plastic products contain a variety of plastic types which must be separated before recycling.

The most alarming example of this was a plastic vegetable oil container.

The container itself is composed of PET plastic (such as in plastic soft drink bottles). The label is a type of plastic saran. The drip-free dispenser is a stiff polyethylene and the lid is composed of a slightly more flexible polypropylene that can be snapped over the dispenser.

In order to recycle this container, given today's technology, each component of the container would have to be separated.

A much more readily recyclable plastic container is the PET (polyethylene terephthalate) soft drink bottle.

Some PET bottles, with a base cup of HDPE (high density polyethylene), can be separated by a simple flotation technique. Many PET manufacturers, however, are eliminating the use of the

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Municipal Update

Butler Borough — On March 1, 1985 Butler instituted a mandatory curbside recycling program for glass, aluminum cans, newspaper and cardboard. District pick-up schedules can be obtained by calling 838-7200.

Denville Township — The Township Recycling Center is no longer accepting used motor oil for recycling. Residents are asked to patronize local service stations to recycle their used crankcase oil.

Madison Borough — A mandatory ordinance for source separation of newspaper has been proposed by the Borough. A program providing curbside pickups twice each month is to be established with the Morris County Occupational Training Center.

Morris Township — In late May, the Township went out to bid for curbside recycling collection services. The service requested calls for collection of newspaper, glass and aluminum cans. A mandatory ordinance requiring source separation of these materials is already on the books. Bids are due by April 22, 1985.

Morristown — On April 6, 1985 Morristown kicked off its multi-material curbside recycling program in conjunction with the annual Easter Fair. Activities included a newspaper bundling contest, an aluminum can crushing contest and crowning of the Recycling King and Queen who were selected by wearing the best recycled costumes.

Montville Township — The Recycling Center located behind the municipal building on River Road now has an expanded schedule. Newspaper and glass can be dropped off Monday - Saturday from 8:30 a.m. - 3:30 p.m. Please note: Aluminum cans are not accepted. Contact surrounding communities of Kinnelon, Lincoln Park and Parsippany for aluminum can recycling information.

Rockaway Township — The Township has instituted an office paper recycling program in its municipal building. Not only is the program reducing the amount of waste generated at the municipal building, out it has gained public attention. In fact, an accountant visiting the offices was so impressed, he took the idea back to his business and began an office paper recycling program of his own!

Before next month's collection dates,

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every homeowner will receive a "Recycling Kit," featuring a ball of twine for bundling news, a magnet for testing aluminum cans, a schedule, municipal calendar and litter bag.



Recycling Coordinator Hired

On March 25, 1985, Lori Scozzafava joined the Morris County Solid Waste Staff in the position of County Recycling Coordinator.

Lori graduated from Bucknell University in 1984 with a degree in Environmental Science. As a student there, she held the position of vice President of the University Recycling Club. She also completed an internship in the Solid Waste and Energy Departments of SEDA-COG, a Pennsylvania Regional Planning Agency.

Upon graduating, Lori took a position with the New York Power Authority as an Environmental Field Associate, conducting toxic substance inventories at power plants, in accordance with the State's Community Right-to-Know Law.

We are confident that Lori's recycling background and technical abilities will enable her to make a substantial contribution to the County's wastestream reduction efforts.

We welcome her aboard!

Glass Recycling Update

Anyone involved with marketing used glass for recycling is aware of mounting problems with that industry.

The major problem faced by glass producers around the world is the continuing upward trend of consumers switching to plastic containers (see table p. 4).

Owens-Illinois, one of the nation's largest glass manufacturers, closed their North Bergen processing center on April 19. After rebounding from a major vandalism upset in December, the center lost its lease and was unsuccessful in its efforts to relocate.

Thatcher Glass, the major purchaser of Morris County's recyclable glass, declared voluntary bankruptcy earlier this year. At that time, they discontinued acceptance of all glass from municipal and individual recyclers.

Although Thatcher recently recalled 200 workers, it has not reopened for acceptance of local glass for recycling. According to an industry spokesperson, the cullet currently being processed is from stockpiles at Thatcher plants shut down in other states. No projection as to whether or not Thatcher will reinstate acceptance of local cullet was available.

Anyone in need of updated glass marketing information should contact the County Recycling Coordinator at 829-8183.

Promoting Via Media

The **Morris County Media Directory**, recently published by PRO BONO, Inc. Volunteer Media Consultants, provides valuable information for promoting local recycling activities.

The Directory is a convenient source of information about the local media, providing up-to-date listings of names and addresses and procedures to give a recycling campaign an aura of professionalism.

The Directory is available through the Voluntary Action Center of Morris County (VAC). The cost is \$5 for non-profit groups and \$10 for others.

Interested parties should contact the Morris County VAC, 36 South Street, Morristown, N.J.. 07960. Telephone 538-7200.

Towns Benefit From County Efforts

County level recycling activities represented 18,987 tons of recycled materials which municipalities have reported for 1984 Tonnage Grants.

In 1984, 18,983 tons of asphalt were milled from County roads. The milled material is recycled into new asphalt and utilized to resurface those roads. At least nine municipalities have submitted documentation of asphalt recycling activities which occurred on County roads within their municipal borders.

The Morris County Motor Service Center, located on Hanover Avenue, recycled 1,010 gallons, or 3½ tons of used motor oil. The Township of Hanover, where the garage is located, will benefit from this effort.

At the Morris County Planning Board, located in Morristown, employees recycle office paper. The Town of Morristown submitted documentation for the .4 tons of paper recycled in 1984.

The Freeholder Board of the County of Morris is firmly committed to increasing internal recycling activities. The pilot office paper recycling program run by the Planning Board will be expanded to all of the County's Morristown offices in the next few weeks.

(Look for the Summer, 1985 issue of this newsletter for more office paper recycling information).

SWMP To Mandate Recycling in 1985

Morris County's Solid Waste Management Plan (SWMP) Update has been completed and submitted to the Freeholder Board for review and approval.

In accordance with the recycling element of the plan:

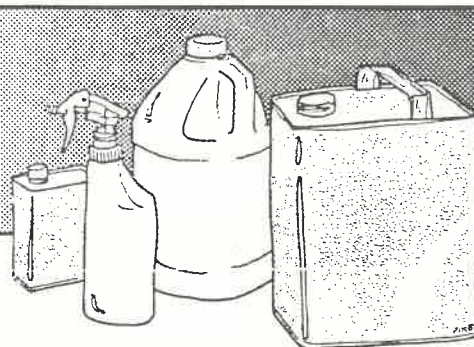
"Municipalities will be required to pass a mandatory recycling ordinance by September 1, 1985. When Morris County begins operation of its own landfill disposal facility, all municipalities will be required to have mandatory



Pesticide Disposal Day

Saturday
May 18, 1985 For
Morris County
Residents

9:00 A.M. To 3:00 P.M.



On May 18, 1985, Morris County will host its first Pesticide Disposal Day. The program will be held at the County Garage on Hanover Avenue in Cedar Knolls from 9 a.m. to 3 p.m.

With grant funding and assistance from the DEP Division of Environmental Quality, Bureau of Pesticide Control, Morris County will sponsor the program in an effort to reduce pesticide contamination of landfills.

The program will be open to small quantity generators such as homeowners, farmers, and commercial applicators who have small quantities of pesticides, herbicides and insecticides

for disposal. Participants must be residents of Morris County.

Do Bring: Small quantities (up to 220 lbs. of hazardous waste and up to 2.2 lbs. of acutely hazardous waste) of pesticides that are illegal or out-of-date. Pesticides will only be accepted in their original containers with a label indicating the contents.

Do Not Bring: Unknowns or unidentified materials, explosives, gasoline, radioactive materials or aerosols.

**We recommend, for safety reasons, that children do not attend.*

For further information, contact the County Solid Waste office at 829-8183.

"Quotable Quotes"

"A bill that has something for everyone... to hate" — — —



Assemblyman Arthur Albohn on the proposed statewide mandatory recycling bill which he is sponsoring. "But," he added, "Don't just tell us that you don't like it, give us specific language to improve it."

Well folks... any progressive suggestions?

recycling programs in operation. Each municipality will also be required to submit quarterly reports to the County to document recycling tonnages. Penalties will be assigned to those municipalities held in non-conformance with any of these requirements. County-wide recycling goals will be established prior to program implementation."

The major intent of this direction is to foster reduction of the County's residential waste stream.

Reported Recycling Up 19%

Twenty-nine Morris County municipalities reported a total of 82,991 tons of material recycled in 1984 for Tonnage Grant purposes. These grants, distributed by the State Office of Recycling, rebate recycling tax dollars to all New Jersey municipalities documenting residential and commercial recycling activities.

The number of tons reported was over 13,000 tons greater than in 1983.

The following table lists 1984 Tonnage Grant applicants and tonnage reported, and provides a 1983 comparison.

Municipality	1983	1984
Boonton	2,147	5,154
Boonton Twp.	0	113
Butler	130	257
Chatham Boro	1,036	1,800
Chatham Twp.	745	856

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Bill-Update . . . Cont. From pg. 1

Any group or individual wishing to receive a copy of the proposed bill should contact the Legislative Information Services Hotline at 1-800-292-8630. (Request A-3382 or S-2820).

Comments and suggestions should be mailed to:

Assemblyman Arthur R. Albohn
264 South Street
Morristown, N.J. 07960

***MSW** — Municipal Solid Waste is defined in the bill to include residential, commercial and institutional waste. Asphalt and leaves are **not** included.

Plastics: . . . Cont. From pg. 1

base cup so that separation is no longer necessary.

Although PET bottles can be recycled into other products, 98% of the PET being recycled in the U.S. is generated from states with container deposits, or "Bottle Bills." The deposit system creates the only economically feasible means for collecting the light-weight, voluminous containers.

Plastics Usage

In 1970, it was estimated that plastics represented 1.4% of municipal solid waste (MSW). Now it is projected that by 1996 plastics will comprise approximately 10% of MSW.

The following table offers a breakdown of current and projected PET usage:

Continued . . .

PET USAGE*
Soft Drinks and Custom Containers

	1984	1985	1986
Soft Drink	535	580	620
Food	4	8	15
Liquor	5	8	12
Wine	2	5	8
Beer	2	3	4
Medical/Pharmaceutical	8	11	15
Cosmetics/Toiletries	4	5	6
Totals	550	620	680

*Usage in millions of pounds

**Recycling
Tips to
Remember**



Preparation Standards

Newspaper Only: No magazines, cardboard, etc. Tied in approx. 12" high bundles.

Glass: Remove caps and rinse. Color sort if specified. Labels may remain. Rinsing also prevents odor during storage.

All Aluminum Cans: Magnet will not stick to any part. (Usually say "All aluminum." Test with refrigerator magnet).

*A Publication Of
The Board of Chosen Freeholders*

It is the policy of Morris County not to discriminate against the handicapped in employment or the provision of services.

Reported Recycling . . . Cont. From pg. 3

Chester Boro	640	0
Denville Twp.	304	348
Dover	2,094	2,135
E. Hanover Twp.	9,097	1,368
Florham Park	0	186
Hanover Twp.	1,414	1,717
Harding Twp.	147	206
Jefferson Twp.	510	942
Kinnelon Boro	629	1,036
Lincoln Park	4,069	2,813
Madison	1,344	1,684
Mendham Boro	284	249
Mine Hill	163	0*
Montville	6,741	8,646
Morris Plains	6,030	7,710
Morristown	68	10,985
Morris Twp.	0	112
Mountain Lakes	332	286
Mt. Olive Twp.	708	1,749
Par-Troy Twp.	4,636	3,876
Passaic Twp.	3,120	0*
Pequannock Twp.	2,102	2,247
Randolph	6,628	10,053
Rockaway Twp.	1,643	1,945
Roxbury Twp.	10,990	11,539
Washington Twp.	1,308	2,062
Wharton	778	917

69,841 82,991

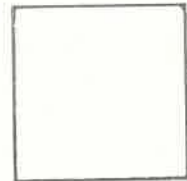
*Towns which have active recycling programs but did not apply due to recent large turnovers in municipal personnel.

A large portion of the increase in recycling was due to improved reporting of existing commercial recycling activities. However, new and/or expanded programs in Butler, Denville, Hanover, Jefferson, Randolph and Roxbury provided substantial increases in overall recycled tonnage.



MORRIS COUNTY PLANNING BOARD

COURTHOUSE, MORRISTOWN, NEW JERSEY 07960 829-8183



SOLID WASTE STAFF

Glenn Schweizer
Solid Waste Coordinator
Lauren S. Roman
Principal Solid Waste Planner
Lori Scozzafava
Recycling Coordinator
Penny Jones
Recycling Education Specialist



OFFICE LOCATED AT 3 SCHUYLER PLACE, MORRISTOWN

*A Publication of
The Board of Chosen Freeholders*